

APPENDIX A

**SUPPLEMENTAL FIELD PROGRAM
BORING LOGS
AND
TEST PIT LOGS**

Elevation: 23.70'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm		Brownish orange, TOPSOIL w/trace fine gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
4-8'		4-8'	0.0 ppm		Light orange brown, medium SAND, loose, moist Light orange brown, medium-coarse SAND w/fine gravel, loose, moist Orange and gray, CLAY, medium dense, plastic, wet
			0.0 ppm		
			2.0 ppm		
			45.2 ppm		
			106 ppm		
			120 ppm		
8-12'		8-12'	107 ppm		Lt orange brown, medium-coarse SAND w/trace f gravel, loose, spotty black-gray staining, mild hydrocarbon-like odor, dry to wet at 9' Black, medium-coarse SAND w/fine gravel, loose, shiny black staining, very strong hydrocarbon-like odor, wet
			128 ppm		
			119 ppm		
			311 ppm		
			228 ppm		
			228 ppm		
12-16'		12-16'	282 ppm		Grayish black-black, medium-coarse SAND w/trace fine gravel, loose, black staining throughout, saturated w/NAPL, coal tar staining from 13-14', strong naphthalene-like odor, wet
			27.6 ppm		
			30.1 ppm		
			60.4 ppm		
			60.4 ppm		
			60.4 ppm		
16-20'		16-20'	33.8 ppm		Brown, medium-fine-coarse SAND w/fine gravel, loose, coal tar staining and banding throughout, moderate naphthalene-like odor, wet
			28.2 ppm		
			11.7 ppm		
			11.7 ppm		
			11.7 ppm		
			11.7 ppm		
20-24'		20-24'	0.9 ppm		Brown, medium-coarse SAND w/trace fine gravel, loose, wet (liner jammed, sample placed in plastic bag, headspace PID)
			0.9 ppm		
24-28'		24-28'	0.0 ppm		Tannish brown, medium-fine-coarse SAND, loose, black banding throughout, tar blebs in coarser lenses, tar staining on bottom 3" of liner, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
28-32'		28-32'	0.0 ppm		Light brown-tannish brown, fine-medium-coarse SAND, loose, very viscous coal-tar staining (DNAPL), faint naphthalene-like odor, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters		Site Id: BBSB-37
Purpose: Soil Boring		Total Depth: 50.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm		Light brown, fine-medium SAND, loose, wet
			0.0 ppm		Light brownish orange, fine-medium SAND, loose, wet (liner jammed, sample placed in plastic bag, headspace PID)
36		36-40'	0.0 ppm		Light brownish orange, fine-medium-coarse SAND, loose, faint naphthalene-like odor, wet
			0.0 ppm		
40		40-44'	0.0 ppm		Light brownish, fine-medium-coarse SAND, loose, wet
			0.0 ppm		
44		44-48'	0.0 ppm		Light brown, fine-medium-coarse SAND, coarser sand at 44.25' and 46.25', loose, wet
			0.0 ppm		
48		48-50'	0.0 ppm		Brown, fine-medium SAND, loose, wet
			0.0 ppm		
50					Base of boring - 50 ft.



Site Id: BBSB-38

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/10/02 - 01/10/02

Total Depth: 28.00'

Remarks: Samples selected for analysis at 6-8', 10-12', and 24-26'.

Elevation: 24.26'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description		
5		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 23.9 ppm 61.7 ppm		Lt brownish orange, medium-coarse SAND w/trace fine gravel, loose, moist Dark black, medium-coarse SAND w/trace fine gravel, trace clay, loose, naphthalene like-odor, moist		
		4-8'	5.7 ppm 22.7 ppm 22.3 ppm 11 ppm 41.4 ppm 52.3 ppm 35.1 ppm		Lt brown, medium-coarse SAND w/fine gravel, loose, faint odor (possibly a combination of gasoline and naphthalene-like odors), moist Light-dark brownish black, medium-coarse SAND w/fine gravel, loose, black staining, gasoline-like odor, moist		
		8-12'	8.4 ppm 44.7 ppm 31.8 ppm 9.2 ppm 23.6 ppm 74.1 ppm 24 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, black banding and staining, hydrocarbon-like odor, wet at 8.5' Dark black, medium-coarse SAND w/fine gravel, loose, strong hydrocarbon-like odor, wet		
		12-16'	36.4 ppm 2.9 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Blackish gray, medium-fine-coarse SAND w/trace fine gravel, loose, faint hydrocarbon-like odor, wet Tan-orange, medium-fine-coarse SAND w/fine gravel from 13-14.75', loose, wet		
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish orange, medium-fine-coarse SAND w/fine gravel, loose, wet		
		20	20-24'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light brown, fine-medium-coarse SAND, trace fine gravel, loose, wet	
		25	24-28'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light brown, medium-fine-coarse SAND, trace fine gravel, loose, wet	
		Base of boring - 28 ft.					



Site Id: BBSB-39

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/11/02 - 01/11/02

Total Depth: 40.00'

Remarks: Samples selected for analysis at 4-6', 10-12', 12-14', and 38-40'.

Elevation: 23.36'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description					
0-4'		0-4'	0.0 ppm		Light orange brown, fine-medium silty SAND, loose, moist					
			0.0 ppm							
			0.0 ppm							
			43.4 ppm							
			16.7 ppm							
			23.7 ppm							
			4-8'				4-8'	78.8 ppm		Black, medium-coarse SAND, loose, heavy staining, faint naphthalene-like odor, moist
								159 ppm		
								145 ppm		
								315 ppm		
								343 ppm		
								458 ppm		
8-12'		8-12'	241 ppm		Black (blackish gray from 11-11.5'), medium-coarse SAND, coarser sand w/f gravel from 8-10.5', loose, heavy staining throughout, saturated with a light oil, strong hydrocarbon-like odor, wet at 8.5'					
			108 ppm							
			308 ppm							
			406 ppm							
			348 ppm							
			26.8 ppm							
12-16'		12-16'	6.3 ppm		Light brown, medium-coarse SAND w/trace fine gravel, coarser material from 12-13', loose, coal tar (DNAPL) staining from 12-13', faint naphthalene-like odor, wet					
			13.7 ppm							
			7.6 ppm							
16-20'		16-20'	1.0 ppm		Light brown, medium-fine-coarse SAND w/fine gravel, loose, wet					
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
20-24'		20-24'	0.0 ppm		Light brown, fine-medium-coarse SAND w/trace fine gravel, slightly coarser material at 20.25' and 21', loose, viscous coal tar banding at 20.25' and 21', light sheen from 21.25-22.25', faint naphthalene-like odor, wet					
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
24-28'		24-28'	0.0 ppm		Light brown, fine-medium-coarse SAND, trace fine gravel, slightly coarser material at 24.8', 25.3', and 26', loose, wet					
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
28-32'		28-32'	0.0 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, wet					
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							

Location: Bay Shore/Brightwaters

Site Id: BBSB-39

Purpose: Soil Boring

Total Depth: 40.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, wet Light brown, fine-medium SAND, loose, wet
40		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND, loose, wet Base of boring - 40 ft.
45					
50					
55					
60					
65					

Elevation: 23.01'

Datum: Mean Sea Level

Logged By: William J. Ryan

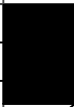

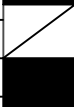
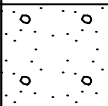
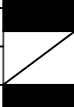
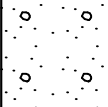

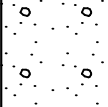

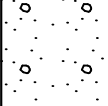

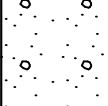

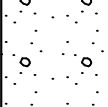
Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Total Depth: 44.00'

Remarks: Samples selected for analysis at 4-6', 8-10', 21-23', and 42-44'.

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	203 ppm 15.9 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse sandy FILL w/fine gravel, loose, black staining with strong naphthalene-like odor in top 3", bk staining with faint naphthalene-like odor in bottom 2", moist
4-8'		4-8'	3.4 ppm 413 ppm 199 ppm 180 ppm 211 ppm 188 ppm		Brown, medium-coarse sandy FILL w/trace fine gravel, loose, moist Dark black, medium-coarse sandy FILL w/fine gravel, coarser material and vesicular slag/coke in bottom 5", loose, dark black staining-saturated w/NAPL, hydrocarbon-like odor, moist
8-12'		8-12'	210 ppm 367 ppm 180 ppm 162 ppm 169 ppm 175 ppm		Black, f-c SAND w/f gravel, loose, heavy bk staining-saturated w/NAPL, It petroleum-like oil on soils, strong hydrocarbon-like odor, wet
12-16'		12-16'	196 ppm 133 ppm 130 ppm 95.6 ppm 94.1 ppm 80.8 ppm 45.1 ppm 18.6 ppm 21.1 ppm		Gray, m-c SAND w/f gravel, coarser sand at 10', loose, black staining, It petroleum-like oil on soils, strong hydrocarbon-like odor, wet Dk bk-gray, f-c SAND w/f gravel, loose, bk staining-saturated w/NAPL, It petroleum-like oil on soils, strong hydrocarbon-like odor, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-tan, f-c SAND w/f gravel, loose, minor tar banding at 14.8', heavy tar staining in bottom 3", faint hydrocarbon/naphthalene-like odor, wet Light brown, medium-coarse SAND w/fine gravel, loose, minor medium viscosity tar banding at 17.9', wet
20-24'		20-24'	0.0 ppm 0.0 ppm 3.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND w/fine gravel, coarser sand lenses with medium viscosity tar staining from 20.5-21', at 22.1', and 22.5', light sheen from 21-22'
24-28'		24-28'	2.4 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND, trace fine gravel, loose, wet
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Lt brown, fine-medium-coarse SAND w/trace fine gravel, loose, spotty very viscous tar staining from 28-29.5', It sheen from 28.5-30.5', wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-40
Purpose: Soil Boring		Total Depth: 44.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm		Lt brown, fine-medium-coarse SAND w/trace f gravel, loose, coarser material w/heavy very viscous tar staining from 31.1-31.5', wet
			0.1 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-40'	0.0 ppm		Light brown, fine-medium-coarse SAND w/trace fine-coarse gravel, coarsest material from 32-32.6', fine-medium sand from 32.6-35.3', loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		40-44'	0.0 ppm		Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50			0.0 ppm		Brown, fine-medium-coarse SAND, very coarse sand lens from 41.1-41.3', loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55			0.0 ppm		Base of boring - 44 ft.
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
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			0.0 ppm		
			0.0 ppm		
65			0.0 ppm		
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			0.0 ppm		
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			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		



Site Id: BBSB-41

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/14/02 - 01/14/02

Total Depth: 52.00'

Remarks: Samples selected for analysis at 2-4', 9-11', and 49-51'.

Elevation: 23.07'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, sandy FILL w/fine-coarse gravel, red brick pieces, loose, moist Orange brown, medium SAND w/fine gravel, loose, moist
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 40.7 ppm 58.5-1 ppm 88.8-6 ppm 51 ppm		Dk brown, sandy CLAY w/f gravel, bk staining, mod hydrocarbon-like odor, moist Charcoal gray, medium-coarse SAND w/f gravel, loose, charcoal gray staining, moderate hydrocarbon-like odor, moist
8-12'			74.5 ppm 99.2 ppm 35.2 ppm 21 ppm 21 ppm 47.6 ppm 31.5 ppm		Dark black, medium-coarse SAND, coarsest sand from 6.5-7.5', loose, black staining, strong hydrocarbon-like odor, moist Dark black, medium-coarse SAND w/fine gravel, loose, heavy black staining-saturated w/NAPL, strong hydrocarbon-like odor, wet at 8.3'
12-16'			113 ppm 57.4 ppm 59.4 ppm 78.9 ppm 184 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown-charcoal gray, medium-coarse SAND w/fine gravel, black staining and banding, strong hydrocarbon-like odor Black, medium-coarse SAND w/fine gravel, coarse lens at 14', loose, black staining-saturated w/NAPL, strong hydrocarbon-like odor, wet
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, loose, wet Brown, fine-medium-coarse SAND w/fine gravel, loose, some tar blebs on outside of liner, minor tar at 16.5', wet
20-24'			0.5 ppm 0.3 ppm 0.8 ppm 0.2 ppm 0.1 ppm 0.1 ppm		Brown, fine-medium-coarse SAND w/fine gravel, coarser material from 20.6-21.6', loose, wet
24-28'			0.0 ppm		Brown, fine-medium SAND, loose, wet (bulk of sample washed out)
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-41
Purpose: Soil Boring	Total Depth: 52.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35 40 45 50		32-36'	0.0 ppm		Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet
			0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
		36-40'	0.0 ppm		Light brownish orange, fine-medium-coarse SAND, loose, wet
			0.0 ppm		
			0.0 ppm		
		40-44'	0.0 ppm		Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
44-48'	0.0 ppm	Brown, fine-medium-coarse SAND w/trace fine gravel, slightly coarser material at 44.75' and 45.75', loose, wet			
	0.0 ppm				
	0.0 ppm				
48-52'	0.0 ppm	Light brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet			
	0.0 ppm				
	0.0 ppm				
					Base of boring - 52 ft.



Site Id: BBSB-42

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/12/02 - 02/13/02

Total Depth: 106.00'

Remarks: Samples selected for analysis at 8-10', 11-13', 21-23', and 67-69'. Geotechnical samples selected for analysis at 16-18' and 63-65'.

Elevation: 23.18'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description					
5	[Solid black bar]	0-6'	0.0 ppm	[Vertical lines]	Orange brown-dark brown, FILL, silty matrix w/gravel, slag					
			0.0 ppm							
			15 ppm							
			15 ppm							
			20 ppm							
			20 ppm							
			0.0 ppm							
			60 ppm							
			200 ppm							
			500 ppm							
			10			[Solid black bar]	6-11'	20 ppm	[Vertical lines]	Brown, sandy gravelly SILT, stiff, non-plastic, hydrocarbon-like odor, moist
								50 ppm		
								180 ppm		
								200 ppm		
								200 ppm		
500 ppm										
500 ppm										
500 ppm										
515 ppm										
500 ppm										
450 ppm										
550 ppm										
550 ppm										
15	[Solid black bar]	11-16'		400 ppm	[Vertical lines]			Gray green-black-brown, fine-coarse SAND w/fine and some coarse gravel, loose, "sweet" hydrocarbon-like odor, black sand from 11.5-12', moist		
				500 ppm						
			350 ppm							
			100 ppm							
			100 ppm							
			35 ppm							
			30 ppm							
			25 ppm							
			20	[Solid black bar]		16-21'	0.0 ppm		[Vertical lines]	Brown, fine-coarse SAND w/fine gravel and some coarse gravel, loose, moist
							0.0 ppm			
							0.0 ppm			
							0.0 ppm			
							0.0 ppm			
							0.0 ppm			
							0.0 ppm			
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
25	[Solid black bar]	21-26'			0.0 ppm		[Vertical lines]	Brown, fine-coarse SAND w/fine-coarse gravel, coarser material from 23-23.5', loose, moist		
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			30	[Solid black bar]	26-31'	0.0 ppm			[Vertical lines]	Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										

Location: Bay Shore/Brightwaters	Site Id: BBSB-42
Purpose: Soil Boring	Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
31-36'		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
36-41'		36-41'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
41-46'		41-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, fine gravelly sand from 42-42.5', loose, moist
46-51'		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND, trace fine-coarse gravel, loose, moist
51-56'		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/some mottled orange brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, moist
56-61'		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
61-66'		61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-mottled orange brown, fine-very fine SAND, trace fine gravel, medium dense, moist
66-71'		66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND w/trace fine-coarse gravel, medium dense, moist
			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, clayey SILT w/some fine-coarse gravel, liquid-soft, plastic, wet-moist, to SILT w/some very fine sand, soft, plastic



Site Id: BBSB-43

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/11/02 - 01/11/02

Total Depth: 25.00'

Remarks: Samples selected for analysis at 0-2', 9-11', and 23-25'.

Elevation: 23.17'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brownish orange, medium-coarse SAND w/fine gravel, loose, moist Dark brownish black, medium-coarse silty SAND w/fine gravel, loose, minor coal tar staining, mild naphthalene-like odor, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange, fine-medium SAND w/fine gravel, loose, faint naphthalene-like odor, moist Orange and gray, SILT, medium dense, trace viscous tar blebs, mild naphthalene-like odor, moist
8-12'		8-12'	0.8 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-lt brown, medium-coarse SAND, trace fine gravel, loose, wet at 8.4' Light brown-orange, medium-coarse SAND, coarser sand from 10.9-11.4', loose, viscous coal tar banding at 10.4', spotty coal tar staining from 11.1-11.4', wet
12-16'		12-16'	0.0 ppm		Light brownish orange, medium-coarse SAND w/fine gravel, loose, spotty viscous coal tar staining, faint naphthalene-like odor, wet (liner jammed, sample knocked out of liner, headspace PID)
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium-coarse SAND w/trace fine gravel, loose, wet
20-25'		20-25'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND w/trace fine gravel, coarser material at 20' and 24.25', loose, wet (sample was pushed an additional foot due to poor recovery)
25					Base of boring - 25 ft.

Elevation: 22.83'

Datum: Mean Sea Level

Logged By: Bill Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brownish black-orange, sandy TOPSOIL w/f gravel, black staining (0.25-0.5')
4-8'			99.5 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brownish black, medium SAND w/fine gravel, loose, black banding at 2.25', dry
8-12'			2.2 ppm 0.0 ppm 27.1 ppm 5.4 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium SAND, dry, loose
12-16'			35.1 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Lt brownish orange-brown-black, medium-coarse SAND w/fine gravel, coarser gravel from 8.8-9.3', wet at 8.8'
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dk black-gray-dk brown, med-coarse SAND w/fine-coarse gravel, loose, heavy black staining from 9.3-9.6', hydrocarbon-like odor to 10.3', wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark black-charcoal gray, medium-coarse SAND w/fine gravel, loose, black-charcoal gray staining, strong hydrocarbon-like odor, wet
24-25'			0.0 ppm		Brown, medium-coarse SAND w/fine gravel, loose, wet
					Brown, medium-coarse SAND w/fine-coarse gravel, loose, wet
					Light brown, medium-fine-coarse SAND w/fine gravel
					Light brown, fine-medium-coarse SAND w/fine-coarse gravel, loose, wet
					Base of boring - 25 ft.

Elevation: 23.10'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-10', Geoprobe 10-26'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	Black	0-4'		Gray-black, TOPSOIL w/medium-coarse sand, some silt, roots	Gray-black, TOPSOIL w/medium-coarse sand, some silt, roots
4-10'	Black	4-10'	0.0 ppm	Brown, coarse SAND, some rounded gravel (composite sample)	Brown, coarse SAND, some rounded gravel (composite sample)
10-14'	Black	10-14'	0.0 ppm 0.0 ppm 0.0 ppm 101 ppm	Tan, coarse SAND, some rounded gravel, loose, wet	Tan, coarse SAND, some rounded gravel, loose, wet
14-18'	Black	14-18'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Dark gray, coarse SAND, staining, hydrocarbon-like odor	Dark gray, coarse SAND, staining, hydrocarbon-like odor
18-22'	Black	18-22'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Tan, coarse SAND, some gravel, loose, wet	Tan, coarse SAND, some gravel, loose, wet
22-26'	Black	22-26'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Tan/brown, coarse SAND, little gravel, loose, wet	Tan/brown, coarse SAND, little gravel, loose, wet
26'	White			Base of boring - 26 ft.	Base of boring - 26 ft.



Site Id: BBSB-46

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/16/02 - 01/16/02

Total Depth: 52.00'

Remarks: Samples selected for analysis at 8-10', 24-25', and 48-50'.
Test pit 6A-B was excavated down to 10' in this area. 0-10' not representative of soil stratigraphy.

Elevation: 23.14'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			69 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, sandy FILL w/f-c gravel, loose, tar-like odor, slight bk tar staining Dark brown to brown, sandy silty FILL w/fine-coarse gravel, glass fragments, wood, very slight tar-like odor
4-8'			0.0 ppm 0.0 ppm 100 ppm 240 ppm 240 ppm 20 ppm		Tan, fine-coarse SAND w/some fine-coarse gravel, loose, tar-like odor, moist Gray-black, fine-coarse SAND w/some fine-coarse gravel, slightly coarser than above, loose, black staining, heavy tar-like odor
8-12'			150 ppm 55 ppm 65 ppm 350 ppm 600 ppm 900 ppm		Tan, fine-medium SAND w/some coarse sand, some fine-coarse gravel, loose, slight staining, tar-like odor, moist Black, fine-coarse SAND w/some fine-coarse gravel, loose, heavy black staining, heavy tar-like odor, wet
12-16'			150 ppm 130 ppm 80 ppm 60 ppm 50 ppm 50 ppm		Black-light gray, fine-coarse SAND w/fine-coarse gravel, loose, black staining, tar-like odor, wet Tan, fine-coarse SAND w/fine gravel, loose, slight tar-like odor, wet
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, gravelly fine-coarse SAND, loose, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, wet
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, wet
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, gravelly sand layer from 29.5-30.5', wet

Location: Bay Shore/Brightwaters


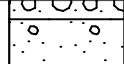


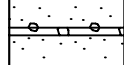


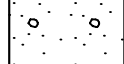


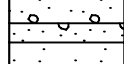


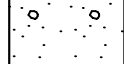


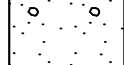
Site Id: BBSB-46

Purpose: Soil Boring

Total Depth: 52.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet
34					Tan, fine-medium SAND w/some coarse sand, lens of fine gravel and coarse sand at 34', loose, wet
36		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace fine gravel, loose, wet
38					
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace coarse sand and fine gravel, fine gravelly fine-coarse sand layer from 40.5-41', loose, wet
42					
44		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, wet
46					
48		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, some fine gravel, loose, wet
50					
52					Base of boring - 52 ft.
54					
56					
58					
60					
62					
64					
66					
68					
70					
72					
74					
76					
78					
80					



Site Id: BBSB-47

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/15/02 - 01/16/02

Total Depth: 40.00'

Remarks: Samples selected for analysis at 0-2', 6-8', 10-12', 16-18', and 36-38'.

Elevation: 23.72'

Datum: Mean Sea Level

Logged By: Ryan, Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	Black	0-4'	2000+ ppm 2000+ ppm 2000+ ppm 1841 ppm		Brownish black, medium-coarse sandy FILL w/fine gravel, red brick fragments, wood chips, loose, black staining-saturated w/NAPL, very strong naphthalene/hydrocarbon-like odor, moist
4-8'	Black	4-8'	1658 ppm 569 ppm 402 ppm 397 ppm 449 ppm 783 ppm	Diagonal lines	Br orange-black, med-coarse sandy FILL w/f gravel, red brick fragments, trace silt, loose, saturated w/NAPL, strong naphthalene-like odor, moist
8-12'	Black	8-12'	70.5 ppm 735 ppm 885 ppm 897 ppm 1153 ppm 1147 ppm 1020 ppm	Horizontal lines	Orange brown, CLAY, heavy bk staining, very strong hydrocarbon-like odor, to sandy CLAY, strong hydrocarbon-like odor, light oil on soils
12-16'	Black	12-16'	904 ppm 1057 ppm 392 ppm 936 ppm 1000 ppm 183 ppm 467 ppm 493 ppm 11.7 ppm 7.4 ppm 30.1 ppm 4.2 ppm	Small circles	Dark black, medium-coarse SAND w/fine gravel, loose, black staining, light oil on soils, strong hydrocarbon-like odor, moist
16-20'	Black	16-20'		Small circles	Tan, medium-coarse SAND w/trace fine gravel, loose, black banding, green tint on liner, saturated w/a light oil, strong hydrocarbon-like odor, wet
20-24'	Black	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Small circles	Brown, fine-coarse SAND, w/trace f gravel, loose, bk staining from 12-14.5', saturated w/a light oil, very strong hydrocarbon-like odor, wet
24-28'	Black	24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Small circles	Brown, fine-medium-coarse SAND, loose, saturated w/a light oil, tar staining at 15.3', hydrocarbon/naphthalene-like odor, wet
28-32'	Black	28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Small circles	Tan, fine-medium-coarse SAND, slightly coarser lenses at 16.75' and 17.5', loose, saturated w/a light oil from 16-16.75', rest of sample saturated w/coal tar, moderate tar-like odor, wet
	Black			Small circles	Tan, fine-coarse SAND w/some fine-coarse gravel, loose, layers of coal tar throughout, slight naphthalene-like odor, wet
	Black			Small circles	Tan, fine-coarse SAND w/some fine-coarse gravel, loose, wet
	Black			Small circles	Same as above

Location: Bay Shore/Brightwaters	Site Id: BBSB-47
Purpose: Soil Boring	Total Depth: 40.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine-coarse gravel, loose, wet
35			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, slightly coarser at 33' and 35', loose, wet
36		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-medium SAND, some coarse sand, trace fine gravel, loose, wet
40					Base of boring - 40 ft.
45					
50					
55					
60					
65					

Elevation: 23.45'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'			16 ppm 0.5 ppm 53 ppm 40 ppm 90 ppm 42 ppm 90 ppm 130 ppm 200 ppm		Brown, FILL, sandy silt matrix w/gravel, brick, concrete, slight hydrocarbon-like odor Brown, silty fine SAND, medium dense, black staining w/hydrocarbon-like odor from 4-5', moist
6-11'			165 ppm 215 ppm 320 ppm 450 ppm 1000 ppm 1000 ppm 700 ppm 800 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, lens of fine gravel with some coarse gravel at 9', loose, black staining, light green-brown staining on sleeve, heavy hydrocarbon-like odor, wet
11-16'			530 ppm 180 ppm 330 ppm 275 ppm 150 ppm 140 ppm 100 ppm		Gray-brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, tar saturated lenses of fine gravel w/some coarse gravel and fine-coarse sand at 12.5', 13', 13.5', and 14.5', brown staining, heavy naphthalene-like odor, moist
16-21'			13 ppm 19 ppm 26 ppm 20 ppm 18 ppm 18 ppm		Gray, fine-coarse SAND w/some fine-coarse gravel, loose, intermittent slight tar staining, slight naphthalene-like odor, wet Gray, fine-coarse SAND w/some fine-coarse gravel, loose, intermittent tar blebs, tar saturated lens of fine-coarse gravel and sand at 19', naphthalene-like odor, moist
21-26'			7.0 ppm 9.0 ppm 25 ppm 2.0 ppm 2.0 ppm 4.0 ppm 3.0 ppm 3.0 ppm		Tan, fine-coarse SAND w/fine gravel, some coarse gravel, loose, intermittent staining in gravelly sand lenses at 22', 22.5', and 24', slight naphthalene-like odor, moist
26-31'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, minute tar blebs from 26-26.5', moist

Location: Bay Shore/Brightwaters	Site Id: BBSB-48
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
31-36'		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, slight tar lens at 33', sporadic minute tar blebs, minor staining, moist
36-41'		36-41'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
41-46'		41-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, moist
46-51'		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, slight tar bleb streaks on liner, floating tar blebs in jar test, moist
51-56'		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace fine gravel, loose, moist
56-61'		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace coarse sand, loose, moist
61-66'		61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, moist
66-71'		66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, clayey silty very fine-fine SAND, dense, moist Dark brown, very fine-fine SAND, clay lens at 66', liquidy, wet

Location: Bay Shore/Brightwaters

Site Id: BBSB-48

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75	[Recovery symbols]	71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic Log symbols]	Dark brown, very fine-fine SAND, clay lens at 70', liquidy, wet Orange brown-gray, fine-coarse SAND, trace f gravel, loose, moist-wet Dark gray, CLAY w/silt and sand, liquidy, non-plastic
80	[Recovery symbols]	76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic Log symbols]	Dark gray, CLAY w/silt, gray fine sand lenses, soft, liquid
85	[Recovery symbols]	81-86'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic Log symbols]	Dark brown, CLAY, stiff, plastic Dark brown, CLAY with gray sand/silt, soft, slightly plastic
86	[Recovery symbols]			[Graphic Log symbols]	Base of boring - 86 ft.



Site Id: BBSB-49

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/12/02 - 02/12/02

Total Depth: 86.00'

Remarks: Samples selected for analysis at 4-6', 9-11', 26-28', and 68-70'. Geotechnical samples selected for analysis at 24-26' and 64-66'.

Elevation: 22.72'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotosonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 220 ppm 250 ppm 80 ppm 2000+ ppm		Brown, FILL, silty matrix, very stiff silt layer from 2.5-3', some sand and gravel, cement and brick fragments, loose, wet
6-11'			200 ppm 300 ppm 400 ppm 500 ppm 350 ppm 400 ppm 450 ppm 1100 ppm		FILL, concrete and brick, saturated w/tar, heavy hydrocarbon-like odor, wet Brown, silty FILL, some concrete, some tar, heavy naphthalene-like odor Black, fine-coarse SAND w/fine gravel, some coarse gravel, black staining, heavy hydrocarbon-like odor
11-16'			300 ppm 300 ppm 500 ppm 750 ppm 400 ppm 300 ppm 150 ppm 200 ppm		Gray, fine-coarse SAND w/fine-coarse gravel, heavy staining, heavy hydrocarbon-like odor, wet
16-21'			20 ppm 25 ppm 20 ppm 20 ppm 30 ppm 20 ppm 30 ppm 25 ppm		Gray, fine gravelly fine-coarse SAND w/some coarse gravel, loose, slight naphthalene-like odor, gunmetal hue/sheen, wet
21-26'			13 ppm 10 ppm 25 ppm 11 ppm 11 ppm 13 ppm 11 ppm 10 ppm 12 ppm		Brown, fine-coarse SAND w/fine gravel, loose, tar layer at 19.5', slight naphthalene-like odor, wet Gray-brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, slight naphthalene-like odor, tar lens at 22.5', wet
26-31'			1.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist
40		36-41'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moist
45		41-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, moist
50		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND to fine-medium SAND, some fine gravel, loose, moist
55		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/mottled orange brown, fine-medium SAND, trace fine gravel, loose, moist
60		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
65		61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/mottled orange brown, very fine-fine SAND, dense, moist
		66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some clay pockets, loose, wet Dark gray, fine-coarse gravelly CLAY, stiff, plastic, wet Dark gray, SILT, semi-stiff, plastic, moist to wet

Location: Bay Shore/Brightwaters

Site Id: BBSB-49

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, very fine-fine sandy SILT, soft, plastic
80		76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, very fine-fine sandy SILT, stiff, plastic Brown, CLAY, very stiff, plastic Dark gray, very fine-fine sandy SILT, wood at 79.5', stiff, plastic
85		81-86'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, sandy SILT w/black laminations, semi-stiff to stiff, plastic Gray, silty fine-medium SAND, dense, wet Dark brown, CLAY, very stiff, plastic Base of boring - 86 ft.



Site Id: BBSB-50

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/11/02 - 02/11/02

Total Depth: 86.00'

Remarks: Samples selected for analysis at 7-9', 12-14', 26-28', and 68-70'.
Geotech samples selected for analysis at 21-23' and 64-66'.

Elevation: 22.98'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, FILL, silty matrix w/some fine-coarse sand, brick dust/fragments, cobble, vesicular slag/coke
5			0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, loose, dry
6-11'			5.0 ppm 19 ppm 22 ppm 50 ppm 40 ppm 60 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, loose, black staining, hydrocarbon-like odor, moist
10			90 ppm 100 ppm 30 ppm 30 ppm 10 ppm		Gray, fine gravelly fine-coarse SAND w/some coarse gravel, loose, tar stained/saturated lens at 13.5', wet
15			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-black-tan, gravelly SAND, loose, slight hydrocarbon-like odor, moist
16-21'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
20			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/fine gravel, some coarse gravel, loose, tar lens at 24.5', sporadic tar from 24-25', slight naphthalene-like odor, wet
21-26'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
25			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, wet
26-31'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-50
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND, trace fine-coarse gravel, layer of fine gravelly fine-coarse sand w/trace coarse gravel from 33-33.5', loose, wet
35		36-41'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND, trace fine gravel, loose, moist
40		41-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/trace fine-coarse gravel, loose, wet
45		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, moist
50		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
55		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/mottled orange-brown, fine SAND, some medium sand, loose-medium dense, moist
60		61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/reddish-brown mottling, fine SAND, medium dense, moist
65		66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-very fine SAND, silty sand lens at 68.5'

Location: Bay Shore/Brightwaters

Site Id: BBSB-50

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine-coarse gravelly CLAY, plastic, soft Orange-brown, coarse gravelly coarse SAND, loose, wet Dark gray, very fine sandy SILT, some sand lenses, soft, plastic, moist Dark brown, CLAY, stiff, plastic, moist
80		76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, very fine sandy SILT, soft-stiff, slightly plastic
85		81-86'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, SILT to silty SAND, soft-stiff Dark brown, CLAY, very stiff, plastic Base of boring - 86 ft.
90					
95					
100					
105					



Site Id: BBSB-51

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/06/02 - 02/06/02

Total Depth: 106.00'

Remarks: Samples selected for analysis at 7-9', 18-20', 36-38', and 96-98'.

Elevation: 22.28'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5	[Solid Black]	0-6'	0.0 ppm	[Dotted]	White w/some reddish tint, FILL, concrete dust and chunks, loose, dry
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
10	[Solid Black]	6-11'	330 ppm	[Dotted]	Black-brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, heavy black staining, yellow-brown staining on sleeve, heavy hydrocarbon-like odor, wet
			270 ppm		
			330 ppm		
			400 ppm		
			500 ppm		
			700 ppm		
			150 ppm		
			250 ppm		
			40 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
15	[Diagonal Hatching]	11-16'	0.0 ppm	[Dotted]	Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			5.0 ppm		
20	[Diagonal Hatching]	16-21'	0.0 ppm	[Dotted]	Brown, fine-coarse SAND w/some fine-coarse gravel, lens of fine sandy gravel w/some coarse gravel at 18.5', loose, tar staining at 18.5' and 20', naphthalene-like odor, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			25 ppm		
			10 ppm		
			15 ppm		
			20 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
25	[Diagonal Hatching]	21-26'	0.0 ppm	[Dotted]	Tan, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, slight tar staining at 25', moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
30	[Diagonal Hatching]	26-31'	0.0 ppm	[Dotted]	Same as above w/no tar staining to 31'
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-51
Purpose: Soil Boring	Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
31-36'			0.0 ppm 5.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Black, gravelly SAND, loose, heavy NAPL staining/coating, naphthalene-like odor, moist Brown, fine-coarse SAND, trace fine gravel, loose, moist
36-41'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
41-46'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moist
46-51'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/trace-some fine gravel, lens of fine-coarse gravelly fine-coarse sand at 48.5', loose, moist
51-56'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-medium SAND w/some coarse sand, trace fine-coarse gravel, loose, moist
56-61'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose
61-66'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-orange brown, fine SAND w/some medium sand, brown silty fine sand from 64.25-64.75', medium dense, moist
66-71'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, liquidy, wet Brown, fine-coarse SAND w/some fine gravel, liquidy, wet Dk brown, fine-coarse SAND w/f-c gravel, liquidy, wet, to dk gray CLAY

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75	[Solid black]	71-76'	0.0 ppm	[Diagonal hatching]	Dark gray, silty fine SAND, mica flakes, dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80	[Solid black]	76-81'	0.0 ppm	[Diagonal hatching]	Dark brown, CLAY, stiff, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
85	[Solid black]	81-86'	0.0 ppm	[Diagonal hatching]	Dark gray, silty fine SAND, mica flakes, dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
90	[Solid black]	86-91'	0.0 ppm	[Diagonal hatching]	Dark gray, silty fine SAND w/some clay, dense, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
95	[Solid black]	91-96'	0.0 ppm	[Diagonal hatching]	Dark brown, CLAY, pyrite nodules, dark gray silty sand lenses, stiff, plastic
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
100	[Solid black]	96-101'	0.0 ppm	[Diagonal hatching]	Dark gray, silty SAND, dense, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
105	[Solid black]	101-106'	0.0 ppm	[Diagonal hatching]	Dark brown, CLAY, some pyrite, stiff, plastic
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Dark gray, silty SAND, lignite at 87.5', dense-liquid, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Dark gray, silty SAND w/lenses of fine-coarse sand and clay, lignite at 92'
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Dark brown, CLAY, stiff, plastic
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Gray, silty fine SAND w/black laminations, some clay lenses, dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Same as above, less clay
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
	[Solid black]		0.0 ppm	[Diagonal hatching]	Base of boring - 106 ft.
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Elevation: 23.07'



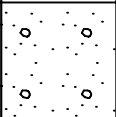

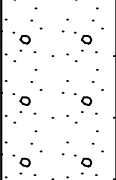

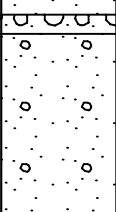

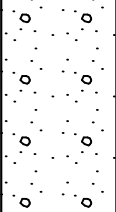

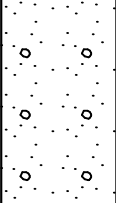

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'		0-6'	300 ppm 400 ppm 900 ppm 300 ppm 650 ppm 315 ppm 72 ppm		Brown, FILL, silty matrix w/wood, roots, brick, concrete, some fine-coarse sand and gravel, heavy staining, hydrocarbon-like odor
6-11'		6-11'	400 ppm 1100 ppm 650 ppm 825 ppm 750 ppm 750 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, heavy staining-coated w/NAPL, heavy hydrocarbon-like odor, wet
11-16'		11-16'	450 ppm 300 ppm 250 ppm 200 ppm 60 ppm 15 ppm 175 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, heavy black staining, gunmetal blue hue/sheen, heavy hydrocarbon-like odor
16-21'		16-21'	125 ppm 175 ppm 150 ppm 150 ppm 85 ppm 75 ppm 65 ppm		Black, coarse sandy fine-coarse GRAVEL, heavy black staining-nearly saturated w/tar, naphthalene-like odor
21-26'		21-26'	13 ppm 20 ppm 17 ppm 13 ppm 12 ppm 11 ppm 14 ppm 16 ppm		Brown, fine-coarse SAND, some fine-coarse gravel, moderate-heavy lenses of free tar, heavy staining, gunmetal blue hue, heavy naphthalene-like odor
26-31'		26-31'	20 ppm 25 ppm 25 ppm 20 ppm 60 ppm 65 ppm 55 ppm 50 ppm		Brown-tan, fine-coarse SAND w/fine gravel, some coarse gravel, loose, some gunmetal hue from 21-21.5', naphthalene-like odor, moist
					Brown, fine-coarse SAND w/some fine-coarse gravel, loose, intermittent tar lenses, naphthalene-like odor, moist

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
31-36'		7.0 ppm 9.0 ppm 7.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, tar-like stringers from 31-32', moist	
36-41'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist	
41-46'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moist	
46-51'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist	
51-56'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-medium SAND, trace coarse sand and fine gravel, loose, moist	
56-61'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-medium SAND, medium dense, moist	
61-66'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light gray, fine-very fine SAND, mica flakes, medium dense, moist	
66-71'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, natural gray/black discoloration, moist	

Location: Bay Shore/Brightwaters	Site Id: BBSB-52
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
75	[RECOVERED]	71-76'	0.0 ppm	[Symbol]	Brown, fine SAND, medium dense, natural gray/black discoloration, moist Brown-gray, fine SAND, micaceous, medium dense, moist Dark gray, CLAY, mixed with fine-coarse gravel from 72.5-73.5', micaceous, soft, liquidy, plastic, wet	
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
		76-81'	0.0 ppm	[Symbol]	Gray, silty fine-very fine SAND w/some clay, mica flakes, dense, moist Gray-black, silty SAND, micaceous, very dense, moist Dark brown, CLAY, stiff, plastic, to gray-black, very fine sandy SILT w/some clay, micaceous, soft, slightly plastic	
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
		81-86'	0.0 ppm	[Symbol]	Gray-black, very fine-fine sandy SILT, some black clay, soft, semi-plastic, moist	
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
			0.0 ppm	[Symbol]		
		85				Base of boring - 86 ft.
		90				
		95				
		100				
		105				



Site Id: BBSB-53

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/31/02 - 02/04/02

Total Depth: 86.00'

Remarks: Samples selected for analysis at 6-8', 19-21', 26-28', and 66-68'.

Elevation: 22.77'

Datum: Mean Sea Level

Logged By: Fox, Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'	[Solid black bar]	0-6'	40 ppm 20 ppm 18 ppm 20 ppm 17 ppm 17.5 ppm 17.2 ppm		Black, FILL, sand and gravel, brick fragments, black tar staining, mild tar-like odor
6-11'	[Solid black bar]	6-11'	800 ppm 500 ppm 575 ppm 550 ppm 550 ppm 300 ppm	[Graphic log symbols: dots and circles]	Black, fine-coarse SAND w/some fine-coarse gravel, loose, heavy black staining, heavy hydrocarbon-like odor, wet
11-16'	[Solid black bar]	11-16'	650 ppm 575 ppm 750 ppm 800 ppm 650 ppm 250 ppm 130 ppm 200 ppm	[Graphic log symbols: dots and circles]	Black, fine-coarse SAND w/some fine-coarse gravel, loose, black staining, staining on liner to 13.5', heavy hydrocarbon-like odor, wet
16-21'	[Solid black bar]	16-21'	23 ppm 25 ppm 15 ppm 23 ppm 25 ppm 45 ppm 15 ppm 28 ppm	[Graphic log symbols: dots and circles]	Tan, fine-coarse SAND w/f gravel, some coarse gravel, loose, intermittent tar saturated lenses, slight tar-like odor, wet
21-26'	[Solid black bar]	21-26'	50 ppm 13 ppm 11 ppm 7.5 ppm 8.0 ppm 7.5 ppm 10 ppm 9.0 ppm	[Graphic log symbols: dots and circles]	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, tar staining/NAPL coating on sand and gravel from 21-22', slight hydrocarbon-like odor, moist
26-31'	[Solid black bar]	26-31'	0.5 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm 1.0 ppm	[Graphic log symbols: dots and circles]	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist

Location: Bay Shore/Brightwaters	Site Id: BBSB-53
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		31-36'	1.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-41'	0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		41-46'	0.0 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		46-51'	0.0 ppm		Orange brown, fine-medium SAND w/some coarse sand, some fine gravel, trace mica flakes, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		51-56'	0.0 ppm		Orange brown-brown, fine-medium SAND, trace coarse sand and fine gravel, medium dense, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		56-61'	0.0 ppm		Orange brown, fine-medium SAND, trace coarse sand and fine gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		61-66'	0.0 ppm		Brown, fine SAND w/some medium and very fine sand, medium dense, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		66-71'	0.0 ppm		Gray, very fine-fine SAND w/some silty clay lenses, medium dense
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		66-71'	0.0 ppm		Gray, sandy fine-coarse GRAVEL w/coarse sand, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		66-71'	0.0 ppm		Gray, sandy SILT, gray clay lens at 67.6', soft, slightly plastic, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description		
75 80 85 90 95 100 105		71-76'	0.0 ppm		Gray, sandy SILT, soft, slightly plastic, moist		
			0.0 ppm		Dark brown, CLAY, stiff, plastic, moist		
			0.0 ppm				
		76-81'	0.0 ppm		Dark brown, CLAY w/many gray sandy silt laminations, to med-coarse SAND		
			0.0 ppm		Gray, CLAY, stiff, plastic		
			0.0 ppm		Dark brown, CLAY, very stiff, plastic, moist		
		81-86'	0.0 ppm		Gray-black, sandy silty CLAY w/lenses of sand, silt, and clay throughout		
			0.0 ppm				
			0.0 ppm		Same as above		
					0.0 ppm		Dark brown, CLAY, very stiff, plastic, moist
					0.0 ppm		Base of boring - 86 ft.



Site Id: BBSB-54

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/03/02 - 02/03/02

Total Depth: 106.00'

Remarks: Samples selected for analysis at 7-9', 13-15', 22-24, and 53-55'.

Elevation: 23.23'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'	[Solid Black]	0-2'	0.0 ppm	[Solid Black]	Black, silty sandy FILL w/clay and crushed brick, wet
		0.0 ppm			
2-7'	[Solid Black]	2-7'	3.5 ppm	[Solid Black]	Black, silty sandy FILL w/clay and crushed brick, slight naphthalene-like odor, wet
		0.0 ppm			
		8.0 ppm			
		20 ppm			
		17 ppm			
		20 ppm			
		11 ppm			
5	[Solid Black]	5	250 ppm	[Solid Black]	FILL, crushed brick, strong naphthalene-like odor
		90 ppm			
		160 ppm			
		150 ppm			
7-11'	[Solid Black]	7-11'	190 ppm	[Solid Black]	FILL, crushed concrete
		40 ppm			
10	[Solid Black]	10	350 ppm	[Graphic Log: Sand with tar]	Black, medium-coarse SAND, loose, tar saturated, strong naphthalene-like odor, wet
		369 ppm			
		270 ppm			
		374 ppm			
		363 ppm			
		355 ppm			
		240 ppm			
		404 ppm			
		379 ppm			
		142 ppm			
15	[Solid Black]	15	482 ppm	[Graphic Log: Sand with tar]	Black, medium-coarse SAND w/gravel, loose, tar saturated, strong naphthalene-like odor, wet
		489 ppm			
		247 ppm			
		220 ppm			
		156 ppm			
		64 ppm			
		54 ppm			
		125 ppm			
		39 ppm			
		51 ppm			
20	[Solid Black]	20-26'	54 ppm	[Graphic Log: Sand with tar]	Black, f-m SAND, loose, tar saturated, strong naphthalene-like odor, wet
		63 ppm			
		30 ppm			
		6.0 ppm			
		9.6 ppm			
		20 ppm			
25	[Solid Black]	25	15 ppm	[Graphic Log: Sand with tar]	Black, medium-coarse SAND, loose, tar saturated to 15.5', strong naphthalene-like odor, wet
		12 ppm			
		14 ppm			
		15 ppm			
		6.2 ppm			
26-31'	[Solid Black]	26-31'	6.0 ppm	[Graphic Log: Sand with tar]	Light brown-white, medium-coarse-very coarse SAND, little gravel, loose, sporadic tar in sand pores w/taffy-like consistency, moderate naphthalene-like odor, wet
		5.0 ppm			
		4.0 ppm			
		6.0 ppm			
		7.0 ppm			
		7.0 ppm			
		7.2 ppm			
		8.0 ppm			

Location: Bay Shore/Brightwaters	Site Id: BBSB-54
Purpose: Soil Boring	Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
35		31-36'	88.5 ppm		Lt br-white, coarse-very coarse SAND, little gravel, trace silt, loose	
			0.0 ppm			Lt br-white, medium-coarse SAND, little gravel, trace silt, loose, wet
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
0.7 ppm		Light brown-white, medium-coarse SAND, little gravel, trace silt, loose				
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
40		41-46'	0.0 ppm		Light brown, fine-medium SAND, trace gravel and silt, loose, wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
45		46-52'	0.0 ppm		Light brown-white, fine-medium SAND, trace gravel and silt, loose, wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
50		52-57'	0.0 ppm		Brown, medium-coarse SAND, trace gravel and silt, loose, natural Fe-like discoloration, wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
55		57-60'	0.0 ppm		Brown, fine-medium SAND, little silt, well sorted, loose, wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
60		60-66'	0.0 ppm		Light red, medium-coarse SAND, trace silt, loose, wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65		66-71'	0.0 ppm		Brown, fine SAND w/little silt, micaceous, well sorted, loose, gray streaking from 68-70', wet	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Location: Bay Shore/Brightwaters	Site Id: BBSB-54
Purpose: Soil Boring	Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
71-76'		71-76'	0.0 ppm 0.0 ppm		Brown, f SAND w/little silt, micaceous, well sorted, loose, gray streaking Brown-dk gray, fine-med SAND w/silt, gravel lens at 74.5', loose-slightly compact, slight organic (H2S-like) odor at 74', wet
76-81'		76-81'	0.0 ppm 0.0 ppm		Dark gray, silty CLAY w/sand, hard, wet Dark gray-black, fine micaceous SAND and SILT, gravel lens w/fine sand and silt at 77.5', highly micaceous hard clay lens at 78', clay layer from 79-79.5'
81-86'		81-86'	0.0 ppm 0.0 ppm		Dark gray-gray, fine SAND and SILT, hard clay layer w/slight organic (H2S-like) odor from 82.5-83', highly micaceous, compact
86-91'		86-91'	0.0 ppm 0.0 ppm		Gray-dark gray, silty fine SAND, hard clay layer from 87.5-89', highly micaceous, scattered pyrite nodules, organic (H2S-like) odor
91-96'		91-96'	0.0 ppm 0.0 ppm		Gray-light gray, fine SAND and SILT, hard clay layer from 92-93', highly micaceous, loose, wet
96-101'		96-101'	0.0 ppm 0.0 ppm		Dark gray-black, fine SAND and SILT, hard clay layers from 96-97' and 98.5-100', highly micaceous, pyrite nodules, loose, wet
101-106'		101-106'	0.0 ppm 0.0 ppm		Gray-light gray, SILT and fine SAND, micaceous, slightly plastic, wet Light gray, CLAY w/silt, pyrite nodules, very hard/massive
105			0.0 ppm 0.0 ppm		Base of boring - 106 ft.



Site Id: BBSB-55

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/18/02 - 01/21/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 12-14', 16-18', 20-22', and 70-72'.

Elevation: 23.68'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

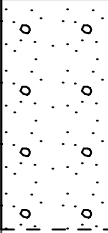
Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, silty fine-medium sandy FILL w/some fine-coarse gravel, semi-dense, some brick, concrete layer at 2', coke layer under concrete to 2.25', moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, some fine-coarse gravel, loose, moist Gray, SILT, dense, dry, crumbly
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-dark brown, silty fine-medium SAND w/some fine-coarse gravel, medium dense Gray, CLAY, medium dense, moderately plastic, moist
12-16'		12-16'	300 ppm 400 ppm 400 ppm 150 ppm 115 ppm 31 ppm		Black, fine-medium SAND w/some coarse sand, trace fine-coarse gravel, loose, heavy black staining, heavy tar-like odor, wet Gray, fine-coarse SAND w/fine-coarse gravel, loose, some tar staining, tar-like odor, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine-coarse gravel, loose, tar stained gravelly sand layers from 16-16.25' and at 17', slight tar-like odor, wet
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/fine gravel and some coarse gravel, loose, wet
24-28'		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-medium SAND w/trace coarse sand, some fine gravel, loose, wet

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm		Tan, fine-medium SAND w/trace coarse sand, some fine gravel, loose, wet
			0.0 ppm		Tan, fine-medium SAND, trace coarse sand, some fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-40'	0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		40-44'	0.0 ppm		Tan, fine-medium SAND w/some coarse and fine gravel, loose, some natural red brown Fe-like discoloration, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		44-48'	0.0 ppm		Tan, fine-medium SAND w/trace coarse sand, trace fine gravel, loose, some natural orange brown Fe-like discoloration, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		48-52'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		52-56'	15 ppm		Brown, fine-medium SAND, loose, wet
			0.0 ppm		
			4.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		56-60'	0.0 ppm		Brown, fine-medium SAND, loose, slight hydrocarbon-like odor at 59.5', wet (jar test at 59.5': floating tar particles, sheen, moderate hydrocarbon-like odor)
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			5.0 ppm		
70		60-64'	0.0 ppm		Brown, fine SAND w/trace medium sand, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		64-68'	0.0 ppm		Brown, fine SAND, some mica flakes, medium dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		68-72'	0.0 ppm		Brown w/some orange brown, fine SAND, medium dense, wet
			0.0 ppm		
			4.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-55
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		72-76'	0.0 ppm 0.0 ppm 0.0 ppm		<p>Brown w/some orange brown, fine SAND, medium dense, wet</p> <p>No recovery – sampler lost down borehole</p> <p>Base of boring – 76 ft.</p>



Site Id: BBSB-56

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/13/02 - 02/14/02

Total Depth: 86.00'

Remarks: Samples selected for analysis at 9-11', 12-14', 43-44', and 71-73'. Geotechnical samples selected for analysis at 21-23' and 68-70'.

Elevation: 23.41'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-6'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 18 ppm 33 ppm 100 ppm 300 ppm		Brown, FILL, silty matrix w/crushed concrete, brick, some coarse gravel
5					
6-11'			300 ppm 300 ppm 300 ppm 300 ppm 50 ppm 50 ppm 400 ppm 1000 ppm 500 ppm 500 ppm		FILL, concrete dust/fragments FILL, brick dust/fragments (drilled through large steel object) FILL, concrete w/coarse gravel in brown silty matrix, slight hydrocarbon-like odor, wet
10					Black, fine-coarse SAND w/some f-c gravel, black staining, hydrocarbon-like odor, wet
11-16'			460 ppm 470 ppm 250 ppm 400 ppm 600 ppm 150 ppm 60 ppm 55 ppm		Black to gray (gunmetal), fine-coarse SAND w/some fine-coarse gravel, sporadic brown tar-like staining, black staining, heavy hydrocarbon-like odor
15					
16-21'			20 ppm 22 ppm 11 ppm 14 ppm 16 ppm 15 ppm 15 ppm 18 ppm		Black-gray-brown, fine-coarse SAND w/some fine-coarse gravel, loose, bk staining, slight hydrocarbon-like odor, wet
20					
21-26'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist
25					
26-31'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel and some coarse gravel, loose, wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-56
Purpose: Soil Boring		Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		31-36'	0.0 ppm		Brown-tan, fine-coarse SAND w/fine gravel and some coarse gravel, loose, moist to wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-41'	0.0 ppm		Brown w/some mottled orange brown, fine-coarse SAND, fine and some coarse gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		41-46'	0.0 ppm		Brown, fine-coarse SAND w/fine gravel, some coarse gravel, slightly coarser lens at 43.5' w/slight tar and slight tar-like odor, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		46-51'	0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		51-56'	0.0 ppm		Brown w/mottled orange brown, fine-coarse SAND, some fine gravel, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		56-61'	0.0 ppm		Brown, fine-medium SAND, trace coarse sand and fine gravel, some mica, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		61-66'	0.0 ppm		Brown w/mottled orange brown, fine-medium SAND, trace coarse sand, some mica, medium dense
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		66-71'	0.0 ppm		Brown, fine-very fine SAND to 70.5', some mica flakes, medium dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters

Site Id: BBSB-56

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description								
75 80 85 90 95 100 105	[Solid black bar]	71-76'	0.0 ppm	[Graphic Log: Brown, coarse sandy fine-coarse GRAVEL, loose, wet]	Brown, coarse sandy fine-coarse GRAVEL, loose, wet								
			0.0 ppm			[Graphic Log: Dark gray, fine-coarse gravelly SILT, liquidy, non-plastic, wet]	Dark gray, fine-coarse gravelly SILT, liquidy, non-plastic, wet						
			0.0 ppm					[Graphic Log: Gray, very fine sandy SILT, soft, slightly plastic, wet]	Gray, very fine sandy SILT, soft, slightly plastic, wet				
			0.0 ppm							[Graphic Log: Dark gray, very fine sandy SILT w/dark brown clay, soft-stiff, non-plastic to plastic]	Dark gray, very fine sandy SILT w/dark brown clay, soft-stiff, non-plastic to plastic		
			0.0 ppm									[Graphic Log: Dark brown, CLAY, stiff, plastic, to dark gray, very fine sandy SILT, soft, non-plastic, wet]	Dark brown, CLAY, stiff, plastic, to dark gray, very fine sandy SILT, soft, non-plastic, wet
			0.0 ppm										
		0.0 ppm	[Graphic Log: Dark gray, silty very fine-medium SAND, dark brown clay from 81.5-82' and 82.5-83', wood layer at 83.5', medium dense, moist]	Dark gray, silty very fine-medium SAND, dark brown clay from 81.5-82' and 82.5-83', wood layer at 83.5', medium dense, moist									
		0.0 ppm			[Graphic Log: Base of boring - 86 ft.]	Base of boring - 86 ft.							
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
		0.0 ppm											
0.0 ppm													
0.0 ppm													



Site Id: BBSB-57

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 12/07/01 - 12/07/01

Total Depth: 76.00'

Remarks: Samples selected for analysis at 10-12', 20-22', 54-56', and 64-66'.

Elevation: 22.69'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Geoprobe

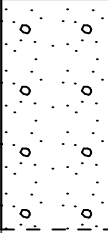
Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'					FILL, concrete slab
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 1.2 ppm 3.0 ppm 4.0 ppm		Brown, medium-coarse SAND and GRAVEL, loose, moist
8-12'			12 ppm 14 ppm 52 ppm 64 ppm 68 ppm 80 ppm 58 ppm 61 ppm		Black, medium SAND, loose, bk staining, slight naphthalene-like odor, moist Black, medium-fine SAND, black staining, slight naphthalene-like odor, loose, wet
12-16'			50 ppm 54 ppm 40 ppm 54 ppm		Black, medium-coarse SAND, black staining, strong naphthalene-like odor, loose, wet Same as above
16-20'			12 ppm 24 ppm 64 ppm 5.6 ppm 1.2 ppm 4.4 ppm		Yellow, medium-fine SAND, loose, sheen, slight naphthalene-like odor, wet Bk, coarse SAND and GRAVEL, saturated w/NAPL, strong naphthalene-like odor Yellow, medium-fine SAND, loose, sheen, slight naphthalene-like odor, wet
20-24'			1.4 ppm 0.2 ppm 0.2 ppm 0.4 ppm 0.2 ppm 0.2 ppm 0.4 ppm		Yellow and white, medium-coarse SAND, little-no gravel, little-no hydrocarbon-like odor, loose, wet
24-28'			0.0 ppm 0.0 ppm 0.2 ppm 0.4 ppm 0.0 ppm 0.0 ppm		Yellow and white, coarse SAND w/gravel, loose, hydrocarbon-like odor from 26.5-27' in very viscous tar saturated band, wet
28-32'			0.0 ppm 0.0 ppm 0.0 ppm		Same as above, no tar

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm		Yellow and white, coarse SAND w/gravel, loose, wet
			0.0 ppm		White, medium-coarse SAND, little-no gravel, loose, wet
40		36-40'	0.0 ppm		White, medium-fine SAND, loose, wet
			0.0 ppm		Same as above
45		40-44'	0.0 ppm		Same as above
			0.0 ppm		Same as above
50		44-48'	0.0 ppm		Same as above
			0.0 ppm		White, coarse-very coarse SAND and fine GRAVEL, loose, wet
55		48-52'	0.0 ppm		White, medium-fine SAND, well sorted, loose, wet
			0.0 ppm		Brown-light red, fine SAND, mica flakes, loose, possible slight naphthalene-like odor from 58.5-59', wet
60		52-56'	0.1 ppm		Red, medium-fine SAND, mica flakes, well sorted, loose, wet
			0.3 ppm		Same as above
65		56-60'	2.6 ppm		Same as above
			2.1 ppm		Same as above
70		60-64'	0.0 ppm		Same as above
			0.0 ppm		Same as above
75		64-68'	0.0 ppm		Same as above
			0.0 ppm		Same as above
80		68-72'	0.0 ppm		Same as above
			0.0 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-57
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		74-76'	0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, fine-very fine SAND, highly micaceous, slightly hard, wet Base of boring - 76 ft.
80					
85					
90					
95					
100					
105					

Elevation: 23.17'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0 5 10 15 20 25	[Solid black bar]	0-6'	0.0 ppm 0.0 ppm 0.0 ppm 12 ppm 47 ppm 50 ppm 75 ppm 80 ppm 60 ppm 65 ppm 80 ppm 80 ppm 400 ppm 375 ppm 550 ppm 650 ppm 450 ppm 400 ppm 480 ppm 550 ppm 760 ppm 1100 ppm 1250 ppm	[Graphic log symbols: dots and circles]	FILL, wet concrete/silty slurry FILL, concrete powder, some coarse brick chunks FILL, concrete chunks, brick, hydrocarbon-like odor from 2-4' Brown-black, fine-medium SAND w/some coarse sand, trace gravel, loose, black staining, heavy hydrocarbon-like odor, moist-wet Black, fine-coarse SAND w/some fine gravel, loose, heavy black staining, heavy hydrocarbon-like odor, wet Black, fine SAND w/some medium-coarse sand, loose, black staining, heavy hydrocarbon-like odor, wet Brown, f-c SAND w/f gravel, loose, staining, heavy hydrocarbon-like odor Gray, fine-coarse SAND w/fine gravel, loose, heavy staining, wet Black, fine SAND w/medium-coarse sand, some fine gravel, black staining, wet Black, fine-coarse SAND, trace fine gravel, loose, black staining, wet Black-gray, fine-coarse SAND w/some f gravel, loose, black staining, wet Tan, fine-coarse SAND w/fine-coarse gravel, loose, saturated with tar from 23-24.5', wet Tan, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, light-intermittant staining to 31'
		11-16'	300 ppm 250 ppm 75 ppm 40 ppm 300 ppm 100 ppm 30 ppm		
		16-21'	10 ppm 30 ppm 30 ppm		
		21-26'	10 ppm 5.0 ppm 3.0 ppm 20 ppm 30 ppm 35 ppm 15 ppm		
		26-31'	6.0 ppm 1.0 ppm 6.0 ppm 0.0 ppm 1.5 ppm 3.0 ppm 2.0 ppm 3.5 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-58
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35	[Solid black bar]	31-36'	8.5 ppm	[Graphic log symbols]	Tan, fine-coarse SAND w/some fine gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40	[Solid black bar]	36-41'	1.5 ppm	[Graphic log symbols]	Tan, fine-coarse SAND w/some fine gravel, loose, intermittant tar blebs, wet
			3.0 ppm		
			0.0 ppm		
			0.0 ppm		
			2.0 ppm		
			1.3 ppm		
			4.0 ppm		
			5.0 ppm		
			4.5 ppm		
			4.5 ppm		
45	[Solid black bar]	41-46'	1.0 ppm	[Graphic log symbols]	Same as above
			3.0 ppm		
			5.0 ppm		
			1.0 ppm		
			3.0 ppm		
			2.0 ppm		
			6.0 ppm		
			5.0 ppm		
			5.0 ppm		
			5.0 ppm		
50	[Solid black bar]	46-51'	2.5 ppm	[Graphic log symbols]	Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, slight hydrocarbon-like odor
			2.5 ppm		
			3.5 ppm		
			0.5 ppm		
			1.0 ppm		
			0.0 ppm		
			0.5 ppm		
			0.0 ppm		
			0.0 ppm		
			0.5 ppm		
55	[Solid black bar]	51-56'	0.0 ppm	[Graphic log symbols]	Brown, fine SAND w/some medium sand, trace coarse sand, coarse sand w/fine gravel from 51-51.5', medium dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60	[Solid black bar]	56-61'	0.0 ppm	[Graphic log symbols]	Orange-brown, fine SAND, medium dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			1.0 ppm		
			0.0 ppm		
			0.0 ppm		
			1.0 ppm		
			1.5 ppm		
			1.5 ppm		
65	[Solid black bar]	61-66'	0.0 ppm	[Graphic log symbols]	Orange brown-brown, fine SAND, medium dense, very slight staining on sleeve, slight hydrocarbon-like odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			1.0 ppm		
			1.5 ppm		
70	[Solid black bar]	66-71'	0.0 ppm	[Graphic log symbols]	Brown, fine SAND, mica flakes, medium dense, slight brown staining on sleeve, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters
 Purpose: Soil Boring
 Consulting Firm: Dvirka & Bartilucci

Site Id: BBSB-58
 Total Depth: 76.00'
 Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		<p>Brown, fine SAND, medium dense, moist</p> <p>Gray/black and brown, fine sandy SILT, micaceous, non-plastic, soft, moist</p> <p>Base of boring - 76 ft.</p>



Site Id: BBSB-59

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 28.00'

Remarks: Samples selected for analysis at 9-11', 16-18', and 24-26'.

Elevation: 23.38'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, silty fine-coarse sandy FILL w/fine-coarse gravel, semi-loose, moist Brown-black, silty FILL, coke, coal, vesicular slag, loose, dry-wet
4-8'			111 ppm 160 ppm 200 ppm 340 ppm 460 ppm 501 ppm		Brown-black, fine-coarse SAND w/trace fine-coarse gravel, clay layer at 6.75', loose, black staining at 6.5', heavy tar-like odor, moist-very moist
8-12'			250 ppm 315 ppm 520 ppm 350 ppm 100 ppm 550 ppm 600 ppm		Brown-black, fine-coarse SAND w/some fine-coarse gravel, coarse sand to fine gravel at 9', loose, heavily coated with tar, black staining, heavy tar-like odor, moist
12-16'			650 ppm 230 ppm 180 ppm 113 ppm 34 ppm		Black-gray, very fine-coarse SAND w/some fine gravel, loose, heavy black staining to 13.5', heavy tar-like odor, wet at 14' Brown-orange brown, fine-coarse SAND w/fine gravel, slight tar-like odor
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown-tan, fine-coarse SAND w/fine-coarse gravel, slightly loose, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-orange brown, fine-coarse SAND w/some fine-coarse gravel, zones of more coarse sand and gravel from 20-21' and 22-22.5', loose, wet
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown w/some orange brown, fine-coarse SAND w/some fine-coarse gravel, loose, natural Fe discoloration at 24.5', wet
					Base of boring - 28 ft.



Site Id: BBSB-60

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 32.00'

Remarks: Samples selected for analysis at 8-10', 20-22', and 28-30'.

Elevation: 22.52'

Datum: Mean Sea Level

Logged By: John Schafer


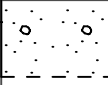
Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, silty fine-medium SAND w/some fine gravel, leaf/root material at top of sample, some coke/vesicular slag at 0.5', semi-loose, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, silty fine-medium SAND w/some fine gravel, loose, moist
8-12'		8-12'	33 ppm 50 ppm 65 ppm 150 ppm 100 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, moist Brown-black-gray, fine-coarse SAND w/some fine-coarse gravel, loose, black staining, heavy hydrocarbon-like odor, moist
12-16'		12-16'	0.0 ppm 47 ppm 60 ppm 75 ppm 25 ppm 25 ppm 0.0 ppm		Gray, fine-coarse SAND w/some fine gravel, loose, some black staining from 12-15', slight hydrocarbon-like odor, wet at 15'
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-orange brown, fine-coarse SAND w/some fine gravel, loose, coated with tar at 16.5', sheen, faint naphthalene-like odor, wet
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel and some coarse gravel, loose, wet
24-28'		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel and trace coarse gravel, loose, wet
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, 3" of natural Fe banding at 29.5', wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-60
Purpose: Soil Boring		Total Depth: 32.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0			0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some f gravel, trace coarse gravel, loose, wet Base of boring - 32 ft.
35					
40					
45					
50					
55					
60					
65					

Elevation: 20.69'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Black]	0-4'	0.0 ppm	[Graphic Log]	Orange brown, sandy SILT, dense, moist
			0.0 ppm		Orange brown, medium-coarse SAND w/fine gravel, loose, moist
4-8'	[Black]	4-8'	0.0 ppm	[Graphic Log]	Same as above
			0.0 ppm		Reddish brown, fine-medium SAND, loose, moderate black staining, moist
8-12'	[Black]	8-12'	211 ppm	[Graphic Log]	Black-charcoal gray, fine-medium-coarse SAND, loose, saturated w/NAPL,
			330 ppm		sheen on soils, strong hydrocarbon-like odor, wet
12-16'	[Black]	12-16'	169 ppm	[Graphic Log]	Tannish gray, fine-medium-coarse SAND w/trace fine gravel, loose, moderate
			173 ppm		black staining from 8-9.5', light yellowish brown staining on
16-20'	[Black]	16-20'	74.7 ppm	[Graphic Log]	liner, saturated w/NAPL from 9.5-10.5', sheen on soils,
			82.4 ppm		hydrocarbon-like odor, wet
20-24'	[Black]	20-24'	138 ppm	[Graphic Log]	Reddish brown-black, medium-coarse SAND w/fine gravel, loose, tar staining
			248 ppm		on liner, saturated with flowable tar, blue sheen, moderate
24-28'	[Black]	24-28'	77.6 ppm	[Graphic Log]	naphthalene-like odor, wet
			164 ppm		Blackish gray, fine-medium-coarse SAND, slightly coarser lens at 17', brown
28-32'	[Black]	28-32'	25 ppm	[Graphic Log]	sand in bottom 2", loose, heavy black tar-like staining (heaviest
			27.3 ppm		at 17'), tar staining on liner, mild naphthalene-like odor, wet
32-36'	[Black]	32-36'	111 ppm	[Graphic Log]	Brown, fine-medium SAND, trace coarse sand, coarse sand lenses at 20.3' and
			73.8 ppm		22', loose, slightly viscous tar banding at 20.3, spotty tar
36-40'	[Black]	36-40'	0.7 ppm	[Graphic Log]	staining, slight naphthalene-like odor, wet
			6.9 ppm		Brown, fine-medium-coarse SAND, coarse sand at 25' and from 25.5-26', loose,
40-44'	[Black]	40-44'	52.3 ppm	[Graphic Log]	tar banding at 25', intermittent staining from 24-25', tar
			42.1 ppm		saturated from 25-26', slight naphthalene-like odor, wet
44-48'	[Black]	44-48'	43.5 ppm	[Graphic Log]	Br, f-m SAND, loose, tar saturated (26-26.5'), slight naphthalene-like odor
			0.0 ppm		Brown, f-m SAND, loose, coarser material w/tar banding (28.2', 28.5-29.2'),
48-52'	[Black]	48-52'	0.0 ppm	[Graphic Log]	tar banding at 29.7', intermittent staining, odor as above, wet
			0.0 ppm		
52-56'	[Black]	52-56'	2.5 ppm	[Graphic Log]	
			3.3 ppm		
56-60'	[Black]	56-60'	5.8 ppm	[Graphic Log]	
			15.2 ppm		
60-64'	[Black]	60-64'	28.1 ppm	[Graphic Log]	
			68.5 ppm		
64-68'	[Black]	64-68'	17 ppm	[Graphic Log]	
			17.3 ppm		
68-72'	[Black]	68-72'	0.0 ppm	[Graphic Log]	
			8.2 ppm		
72-76'	[Black]	72-76'	0.2 ppm	[Graphic Log]	
			0.1 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-61
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.5 ppm 17.7 ppm		Brown, f-m SAND, loose, intermittent staining, slight naphthalene-like odor
		32-36'	0.0 ppm 0.0 ppm 0.4 ppm 0.0 ppm		Brownish orange, fine-medium-coarse SAND, loose, wet
35			0.3 ppm 0.0 ppm 0.0 ppm 1.6 ppm 3.1 ppm		Grayish tan, fine-medium SAND, loose, spotty staining on inside and outside of liner, slight naphthalene-like odor, wet
		36-40'	0.2 ppm 3.6 ppm 2.6 ppm 1.6 ppm 1.7 ppm 0.4 ppm		Brown, fine-medium SAND w/some coarse sand, coarse sand from 37-37.5', intermittent tar staining w/taffy-like viscosity (36.5-38'), tar staining on liner, slight naphthalene-like odor
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 2.1 ppm		Brown-brownish orange, fine-medium SAND w/trace fine gravel, loose, wet
		44-48'	0.7 ppm 0.0 ppm 0.0 ppm 0.5 ppm		Brown, fine-medium SAND, loose, slight naphthalene-like odor, wet
45					
		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-brownish orange, fine-medium SAND, loose, spotty tar staining and it sheen on soils from 48-48.25', slight naphthalene-like odor, wet
50			0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace coarse sand and fine gravel, black particles throughout, loose, wet
		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet
55					
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish orange, fine-medium SAND, loose, light sheen on soils and water from 58.5-59.5', wet
60		60-64'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish orange, fine SAND, medium dense, sheen on soils and water from 61.5-62.5', wet
		64-68'	0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, light sheen on water, wet
65					
		68-70'	0.0 ppm 0.0 ppm 0.0 ppm		Lt brownish orange, fine SAND, medium dense, light tar staining on inside of liner at bottom 2", light sheen on soils from 68.5-69.5, wet

Location: Bay Shore/Brightwaters
 Purpose: Soil Boring
 Consulting Firm: Dvirka & Bartilucci

Site Id: BBSB-61
 Total Depth: 76.00'
 Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	8.7 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-gray, f SAND to silty CLAY w/sheen, mild naphthalene-like odor, wet
		72-74'	0.0 ppm 0.0 ppm 0.0 ppm		Dk gray, clayey m-c SAND w/f gravel, loose, lt sheen, odor as above, wet
		74-76'	0.0 ppm 0.0 ppm 0.0 ppm		Dark charcoal gray, CLAY, stiff, moist
75			0.0 ppm 0.0 ppm 0.0 ppm		Dark charcoal gray, CLAY, plastic, moist
			0.0 ppm 0.0 ppm 0.0 ppm		Charcoal gray, fine silty SAND, medium dense, tar staining on bottom 1.5" of soil and liner, mild naphthalene-like odor, wet
80					Base of boring - 76 ft.
85					
90					
95					
100					
105					



Site Id: BBSB-62

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/28/02 - 01/29/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 0-2', 12-14', 40-42', and 74-76'.

Elevation: 20.31'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Black]	0-4'	10 ppm	[Graphic Log]	Brown-black, silty fine-coarse SAND w/f gravel, loose, possible staining, dry
			0.0 ppm		
4-8'	[Black]	4-8'	0.0 ppm	[Graphic Log]	Orange brown, fine-coarse SAND w/fine-coarse gravel, loose, dry
			0.0 ppm		
5	[Black]	4-8'	0.0 ppm	[Graphic Log]	Brown-orange brown, fine-coarse SAND w/fine-coarse gravel, loose, heavy black staining and tar-like odor from 7-7.5', dry
			0.0 ppm		
8-12'	[Black]	8-12'	8.0 ppm	[Graphic Log]	Brown-gray, fine SAND w/some medium-coarse sand, trace fine gravel, loose, gray staining, heavily coated w/NAPL, heavy tar-like odor, wet at 10'
			35 ppm		
10	[Black]	8-12'	40 ppm	[Graphic Log]	
			485 ppm		
12-16'	[Black]	12-16'	600 ppm	[Graphic Log]	Black-gray, fine-coarse SAND w/fine gravel, trace coarse gravel, moderate-heavy staining from 13-14', sheen, heavy naphthalene-like odor
			500 ppm		
15	[Black]	12-16'	250 ppm	[Graphic Log]	
			100 ppm		
16-20'	[Black]	16-20'	50 ppm	[Graphic Log]	Gray-tan, fine-coarse SAND w/fine-coarse gravel, fine sand at 18.5', loose, intermittent heavy staining at 17.5' and 18.5', sheen, heavy naphthalene-like odor, sheen, wet
			60 ppm		
20	[Black]	16-20'	150 ppm	[Graphic Log]	
			200 ppm		
20-24'	[Black]	20-24'	37 ppm	[Graphic Log]	Tan, fine gravelly fine-coarse SAND, loose, sheen, naphthalene-like odor, wet
			15 ppm		
24-28'	[Black]	20-24'	12 ppm	[Graphic Log]	Brown, fine-coarse SAND w/some fine gravel, loose, intermittent light staining, sheen, naphthalene-like odor, wet
			70 ppm		
25	[Black]	20-24'	160 ppm	[Graphic Log]	
			19 ppm		
24-28'	[Black]	24-28'	60 ppm	[Graphic Log]	Tan, fine-coarse SAND w/some fine gravel, loose, heavy staining from 26.25-26.5', light sheen, naphthalene-like odor, wet
			30 ppm		
28-32'	[Black]	24-28'	45 ppm	[Graphic Log]	
			30 ppm		
28-32'	[Black]	28-32'	8.0 ppm	[Graphic Log]	Tan, fine-coarse SAND w/some fine gravel, loose, sheen, naphthalene-like odor, wet
			9.0 ppm		
	[Black]	28-32'	9.0 ppm	[Graphic Log]	
			12 ppm		
	[Black]	28-32'	100 ppm	[Graphic Log]	
			22 ppm		
	[Black]	28-32'	20 ppm	[Graphic Log]	
			15 ppm		
	[Black]	28-32'	15 ppm	[Graphic Log]	
			15 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-62
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32-36'		32-36'	55 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, heavy staining at 30.5', sheen, naphthalene-like odor, wet
			12 ppm		
36-40'		36-40'	10 ppm		Tan, fine-coarse SAND w/trace fine gravel, loose, slight dark brown staining, slight naphthalene-like odor, wet
			6.0 ppm		
			5.0 ppm		
			10 ppm		
			14 ppm		
40-44'		40-44'	10 ppm		Orange brown, fine-coarse SAND w/some fine gravel, loose, wet
			2.0 ppm		
			1.5 ppm		
			6.5 ppm		
44-48'		44-48'	25 ppm		Brown, fine-coarse SAND, trace fine gravel, medium dense, wet
			10 ppm		
			4.0 ppm		
			2.5 ppm		
			3.0 ppm		
48-52'		48-52'	7.0 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, slight naphthalene-like odor at 47', wet
			6.0 ppm		
			2.5 ppm		
			1.0 ppm		
			2.5 ppm		
52-56'		52-56'	3.8 ppm		Brown, fine-med SAND w/some coarse sand, trace fine gravel, loose, slight staining on liner, slight naphthalene-like odor at 51', wet
			7.8 ppm		
			10 ppm		
			15 ppm		
			20 ppm		
56-60'		56-60'	23 ppm		Brown, fine SAND w/some medium sand, trace coarse sand, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60-64'		60-64'	0.0 ppm		Brown, fine-medium SAND, micaceous, medium dense, wet
			0.0 ppm		
			5.0 ppm		
			8.0 ppm		
			5.0 ppm		
64-66'		64-66'	8.0 ppm		Brown, fine SAND, medium dense, wet
			15 ppm		
			10 ppm		
66-68'		66-68'	10 ppm		Brown, fine SAND, loose, sheen, naphthalene-like odor, wet (liner jammed, sample placed in plastic bag, headdress PID)
			0.0 ppm		
68-70'		68-70'	18 ppm		Brown, fine SAND w/some medium sand, micaceous, medium dense, sheen from 67.75-68', naphthalene-like odor, wet
			4.0 ppm		
			2.0 ppm		
			25 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters

Site Id: BBSB-62

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		70-72' 72-74' 74-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		<p>Gray, fine SAND, medium dense, wet</p> <p>Dk gray, fine-coarse SAND w/fine gravel, loose, wet, to brown silty CLAY</p> <p>Dark gray, silty fine SAND w/dark brown clay from 72-72.5' and 73.25-74', micaceous, medium dense, wet</p> <p>Gray, silty fine SAND, micaceous, liquidy, loose</p> <p>Base of boring - 76 ft.</p>
80					
85					
90					
95					
100					
105					



Site Id: BBSB-63

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/29/02 - 01/30/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 6-8', 8-10', 12-14', 34-36', 64-65', and 74-75'.

Elevation: 20.52'

Datum: Mean Sea Level

Logged By: Ryan, Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm		Black, silty fine-coarse SAND, to lt brown, sandy SILT, wood, some f gravel
			0.0 ppm		
4-8'		4-8'	0.0 ppm		Orange brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist
			0.0 ppm		
5		4-8'	0.0 ppm		Orange brown-dark brown, fine-coarse SAND w/some fine-coarse gravel, loose, staining and NAPL coating from 7-7.5', tar-like odor at 7', moist
			0.0 ppm		
8-12'		8-12'	106 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, loose, heavy black staining, gravel coated with tar, heavy tar-like odor, moist-wet at 11'
			207 ppm		
10		8-12'	600 ppm		Black, fine-coarse SAND w/some fine and coarse gravel, loose, gravel partially coated with tar, heavy black staining, gray gunmetal hue, heavy tar-like odor, wet
			200 ppm		
12-16'		12-16'	250 ppm		Gray, fine-coarse SAND w/some fine-coarse gravel, loose, heavy tar staining, tar-like odor, wet
			175 ppm		
15		12-16'	130 ppm		Light orange brown, fine-coarse SAND w/some fine-coarse gravel, loose, heavy staining-saturated w/NAPL at 20.25', light-intermittant tar layers throughout, tar-like odor, wet
			22 ppm		
16-20'		16-20'	22 ppm		Light brown, fine-coarse SAND w/some fine gravel, loose, light streaking on liner, wet
			25 ppm		
20		16-20'	180 ppm		Tan, fine-coarse SAND, medium dense, naphthalene-like odor, wet
			170 ppm		
20-24'		20-24'	60 ppm		
			35 ppm		
24-28'		24-28'	35 ppm		
			30 ppm		
25		24-28'	45 ppm		
			0.0 ppm		
28-32'		28-32'	0.0 ppm		
			0.0 ppm		
		28-32'	5.0 ppm		
			11 ppm		
		28-32'	9.0 ppm		
			12 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-63
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			25 ppm 80 ppm	o o	Tan, fine-coarse SAND, fine sand from 31.25-31.5', med dense, naphthalene-like odor, wet
		32-36'	300 ppm 160 ppm 425 ppm 430 ppm 450 ppm 475 ppm 350 ppm	o o o o o o o o o o o o o o	Tan, fine-medium SAND w/some coarse sand, trace fine gravel, loose, heavy staining-saturated w/tar from 33.5-35.5', heavy naphthalene-like odor, wet
35		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o o o o o o o o o o o	Brown, fine-coarse SAND w/some fine gravel, loose, wet
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o o o o o o o o o o o	Same as above
45		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 5.0 ppm	o o o o o o o o o o o o o o	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, wet
50		48-52'	2.8 ppm 0.0 ppm 0.0 ppm 0.0 ppm 6.0 ppm	o o o o o o o o o o	Brown, fine-coarse SAND w/some fine gravel, medium dense, wet
55		52-54'	12 ppm 27 ppm 30 ppm	o o o o o o	Brown, fine-medium SAND w/coarse sand from 53.25-53.5', loose, slight naphthalene-like odor, wet
		54-56'	0.0 ppm 0.0 ppm 0.0 ppm 13 ppm	o o o o o o o o	Brown, fine SAND, medium dense, slight naphthalene-like odor w/sheen from 55.75-56'
		56-58'	0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o	Brown w/some orange brown, fine SAND w/some med sand, trace coarse sand, some mica flakes, medium dense, wet
		58-60'	0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o	Brown, fine SAND w/some medium sand, some mica flakes, black hornblende-like particles, medium dense, wet
60		60-62'	0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o	Brown, fine-medium SAND, medium dense, wet
		62-64'	0.0 ppm 0.0 ppm 10.3 ppm	o o o o o o	Brown, fine-medium SAND, medium dense, very lt sheen on bottom 2", mild naphthalene-like odor, wet
65		64-66'	0.6 ppm	o o	Brown, fine-med SAND, med dense, sporadic tar blebs, mild naphthalene-like odor (liner jammed, sample placed in plastic bag, headspace PID)
		66-68'	0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o	Brown, fine-medium SAND, medium dense, wet
		68-70'	0.0 ppm 0.0 ppm 0.0 ppm	o o o o o o	Brown, fine-medium SAND, medium dense, spotty tar staining on liner, sheen on soils, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-63
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
70		70-72'	0.0 ppm 0.0 ppm		Brown, fine-med SAND, f gravel and coarse sand lens at 70.75', med dense, wet
72		72-74'	0.0 ppm 0.0 ppm		Black, CLAY w/trace silt, plastic, sheen, mild organic (H2S-like) odor, wet
74		74-76'	0.0 ppm 0.0 ppm		Charcoal gray, fine SAND w/mica flakes, loose, wet
75					Charcoal gray, clayey fine SAND w/black particles, medium dense, wet
76					Base of Boring - 76 ft.
80					
85					
90					
95					
100					
105					



Site Id: BBSB-64

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/06/02 - 02/07/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 5-7', 9-11', 16-18', 44-46', and 74-74.5'.

Elevation: 19.73'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Solid black]	0-4'	0.0 ppm	[Vertical lines]	Black, SILT matrix w/some fine gravel, soft, non-plastic
			0.0 ppm		Brown, silty fine-coarse SAND w/some fine gravel, semi-dense, moist
4-8'	[Diagonal lines]	4-8'	0.0 ppm	[Dotted pattern]	Orange-brown, fine-coarse SAND w/some fine gravel, loose, moist
			0.0 ppm		Orange-brown, fine-coarse SAND w/some fine-coarse gravel, loose, hydrocarbon-like odor from 5.5-7', wet at 5.5'
8-12'	[Diagonal lines]	8-12'	4.0 ppm	[Dotted pattern]	Orange-brown, fine-coarse SAND, trace fine gravel, loose, slight hydrocarbon-like odor, moist
			20 ppm		Tan-brown, fine-coarse SAND w/fine-coarse gravel from 8.5-11', layer of fine gravel w/some coarse gravel at 10.5', hydrocarbon-like odor, wet at 10'
12-16'	[Diagonal lines]	12-16'	2.0 ppm	[Dotted pattern]	Gray, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet
			0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, wet
16-20'	[Diagonal lines]	16-20'	0.0 ppm	[Dotted pattern]	Same as above
			0.0 ppm		Same as above
20-24'	[Diagonal lines]	20-24'	0.0 ppm	[Dotted pattern]	Same as above
			0.0 ppm		Same as above
24-28'	[Diagonal lines]	24-28'	0.0 ppm	[Dotted pattern]	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, wet
			0.0 ppm		Same as above
28-32'	[Diagonal lines]	28-32'	0.0 ppm	[Dotted pattern]	Same as above
			0.0 ppm		Same as above

Location: Bay Shore/Brightwaters	Site Id: BBSB-64
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, wet Brown, fine-coarse SAND w/some fine gravel, loose, wet
36		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet
44		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace fine gravel, loose, wet
48		48-52'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
52		52-56'	0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace gravel at 53.5', loose, wet
56		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, band of orange sand at 58', loose, wet
60		60-64'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, patches of orange staining at 62.5' and 63.5', mild hydrocarbon-like odor, wet
64		64-68'	0.0 ppm 0.0 ppm 0.5 ppm 0.5 ppm		Brown, fine-medium SAND, loose, mild naphthalene-like odor, slight sheen on water from 66.5-67.5', wet
68		68-70'	1.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, mild naphthalene-like odor, loose, wet

Location: Bay Shore/Brightwaters


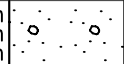

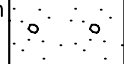

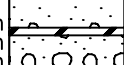

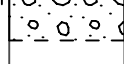
Site Id: BBSB-64

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Br, fine-med SAND, slightly dense, slight hydrocarbon-like odor, wet
		72-74'			Brown, fine-medium SAND, loose, wet
75		74-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, CLAY, elastic, to medium-coarse SAND and subrounded GRAVEL
					Base of boring - 76 ft.
80					
85					
90					
95					
100					
105					

Elevation: 25.12'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	[Solid Black]	0-6'	0.0	[Dotted]	Dark brown, FILL, silt matrix w/fine-coarse gravel, moist-wet
			0.0		
5	[Solid Black]	6-11'	0.0	[Dotted]	Orange-brown, fine-coarse SAND w/fine-coarse gravel, loose, dry
			0.0		
10	[Solid Black]	11-16'	0.0	[Dotted]	Brown, fine-coarse SAND w/fine-coarse gravel, loose, brown staining, undetermined odor, wet
			0.0		
15	[Diagonal Hatching]	16-21'	0.0	[Dotted]	Dark gray-black, coarse SAND w/some fine-coarse gravel, loose, wet
			0.0		
20	[Solid Black]	21-26'	0.0	[Dotted]	Tan, fine-coarse SAND w/some fine-coarse gravel, loose, moist
			0.0		
25	[Solid Black]	26-31'	0.0	[Dotted]	Brown, fine-coarse SAND w/trace fine gravel, some coarse gravel, loose, moist
			0.0		

Location: Bay Shore/Brightwaters

Site Id: BBSB-65

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description														
35		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan w/brown mottling, fine-coarse SAND w/some fine-coarse gravel, loose, moist														
		36-41'	0.0 ppm 5.0 ppm 7.0 ppm 5.0 ppm 4.0 ppm 5.0 ppm 3.0 ppm				Brown, fine-coarse SAND w/some fine-coarse gravel, loose, light naphthalene-like odor, moist												
		41-46'	4.0 ppm 3.0 ppm 5.0 ppm 4.0 ppm 4.0 ppm 2.0 ppm 2.0 ppm						Same as above										
		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm								Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moist								
		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm										Brown w/orange-brown mottling, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moist						
		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm												Orange brown-brown, fine-medium SAND w/some coarse sand and fine gravel, trace coarse gravel, micaceous, loose, moist				
		61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm														Orange brown-brown, fine-very fine SAND, micaceous, medium dense, moist		
		66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm																Tan, fine-very fine SAND w/trace fine gravel, micaceous, medium dense, moist

Location: Bay Shore/Brightwaters

Site Id: BBSB-65

Purpose: Soil Boring

Total Depth: 86.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75	[Solid black bar]	71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic log symbols: circles, horizontal lines, vertical lines]	Brown, fine-coarse gravelly fine-med SAND w/some silt, med dense-dense, moist Dark gray, silty CLAY w/fine-coarse gravel, soft, plastic, wet Gray, sandy SILT, soft, plastic, moist
80	[Solid black bar]	76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic log symbols: diagonal lines, vertical lines]	Dark brown, CLAY, very stiff, plastic, moist Gray, sandy SILT, black clay laminations, micaceous, soft, slightly plastic
85	[Solid black bar]	81-86'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic log symbols: vertical lines]	Same as above, clay from 82-83', stiff, plastic Base of boring - 86 ft.
90					
95					
100					
105					

Elevation: 23.89'

Datum: Mean Sea Level

Logged By: B. Ryan, T. Fox

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Solid black]	0-4'	0.0 ppm	[Hatched pattern]	Brownish orange, silty TOPSOIL w/fine-coarse gravel, loose, moist
			0.0 ppm		Light orange brown, sandy CLAY, plastic, moist
4-8'	[Solid black]	4-8'	0.0 ppm	[Hatched pattern]	Brownish orange, silty SAND, loose, moist
			0.0 ppm		Light orange brown, sandy CLAY, plastic, moist
8-12'	[Solid black]	8-12'	0.0 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND w/fine gravel, coarser sand lens at 6.5', loose, moist
			0.0 ppm		Same as above, dry, no coarse sand lens
12-16'	[Solid black]	12-16'	235 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND, loose, saturated with NAPL, black banding and staining, strong hydrocarbon-like odor, dry (wet at 9.5')
			1055 ppm		
16-20'	[Solid black]	16-20'	712 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND w/fine gravel, loose, saturated with tar, strong naphthalene/hydrocarbon-like odor, wet
			73 ppm		
20-24'	[Solid black]	20-24'	2000+ ppm	[Dotted pattern]	Tannish gray, fine-medium-coarse SAND w/trace fine gravel, loose, light staining from 16-17', spotty tar staining on macro-core liner, hydrocarbon-like odor, wet
			2000+ ppm		
24-28'	[Solid black]	24-28'	149 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND w/fine gravel, coarse sand lens at 22.5', loose, moderate tar staining at 20.25', saturated with tar in bottom 8", strong naphthalene-like odor, wet
			260 ppm		
28-32'	[Solid black]	28-32'	22.6 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND w/fine gravel, coarse sand and gravel lens at 25', loose, saturated with tar from 24.2-25.3', light staining through remainder of core, moderate naphthalene-like odor, wet
			14.3 ppm		
			16.2 ppm		
			24.3 ppm		
			264 ppm		
			183 ppm		
			45.3 ppm		
			90.7 ppm		
			104 ppm		
			26.6 ppm		
			33.8 ppm		
			111 ppm		
			130 ppm		
			158 ppm		
			217 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-66
Purpose: Soil Boring	Total Depth: 83.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	148 ppm 25.2 ppm 152 ppm 117 ppm 167 ppm 111 ppm 146 ppm 139 ppm 133 ppm		Brown, fine-medium SAND, loose, tar staining at 31', It sheen on soil, naphthalene-like odor, wet
		36-40'	208 ppm 232 ppm		Brown, fine-medium-coarse SAND w/fine gravel, coarse sand and fine gravel lens at 33.5', loose, moderate-heavy tar staining, light sheen on soil, strong naphthalene-like odor, wet
40		40-44'	36.9 ppm 24.1 ppm 27.9 ppm 43.9 ppm		Brown, fine-medium SAND, loose, light tar staining, heavier banding at 41' and 42', moderate naphthalene-like odor, wet
		44-48'	168 ppm 210 ppm 180 ppm		Brown, medium-coarse SAND, trace silt, loose, heavy tar staining from 45-45.5', sheen, moderate naphthalene-like odor, wet
50		48-52'	60 ppm 190 ppm 230 ppm 180 ppm 170 ppm 120 ppm		Light brown-yellow, fine-medium SAND, trace silt and gravel, loose, tar saturated bands 3" wide from 49-51', sheen, moderate naphthalene-like odor, wet
		52-56'	24 ppm 120 ppm 250 ppm 60 ppm		Light brown-yellow, fine-medium SAND, trace silt, well sorted, loose, black tar saturated band from 53-53.5', sheen, strong naphthalene-like odor, wet
55		56-60'	22 ppm 40 ppm 18 ppm		Light brown, fine-medium SAND, trace silt, well sorted, loose, sheen, moderate naphthalene-like odor, wet
		60-64'	25 ppm 68 ppm 210 ppm		Light brown-red, fine-medium SAND, trace silt, loose, sheen, moderate naphthalene-like odor, wet
65		64-68'	110 ppm 50 ppm 40 ppm 28 ppm		Same as above, brown, well sorted
		68-72'	20 ppm 30 ppm 35 ppm 28 ppm		Brown-gray, very fine-fine SAND, trace silt, magnetite particles, well sorted, compact, slight sheen and naphthalene-like odor, wet

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		72-75'	40 ppm 200 ppm 215 ppm 219 ppm		Lt gr, v fine-fine SAND, trace silt, well sorted, compact, tar saturated band from 73-74', moderate/strong naphthalene-like odor, wet
75		75-77'	30.5 ppm 12.5 ppm 8.0 ppm 10 ppm		Dark gray, silty fine SAND, micaceous Dark gray-black, silty CLAY, micaceous, plastic, wet
		77-79'	21.4 ppm 8.5 ppm 8.0 ppm		Sandy CLAY, slight naphthalene-like odor Gray, fine SAND, silt, micaceous, slightly compact, wet
		79-81'	3.5 ppm 0.5 ppm 2.0 ppm 0.0 ppm		Dark gray-black, silty CLAY, micaceous, hard/plastic, slight naphthalene-like odor, moist-wet
		81-83'	0.7 ppm 0.8 ppm 1.5 ppm 0.0 ppm		Gray, fine SAND, loose, slight naphthalene-like odor, wet Black, silty CLAY, micaceous, hard/plastic, moist
					Base of boring - 83 ft.
85					
90					
95					
100					
105					



Site Id: BBSB-67

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/24/02 - 01/25/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 12-14', 28-30', 66-68', and 72-74'.

Elevation: 23.90'

Datum: Mean Sea Level

Logged By: J. Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental


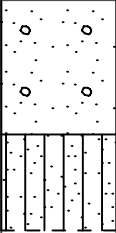
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm		Brown, sandy silty FILL, some f-c gravel, bk silt and coal, dense, moist Brown, clayey silty FILL, some fine gravel, soft, plastic, moist
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, black silt and coal at 4.5' Orange brown-tan, fine-coarse SAND w/fine-coarse gravel, loose, moist
8-12'			6.5 ppm 9.0 ppm 12 ppm 65 ppm 108 ppm 200 ppm		Orange brown-brown, fine-coarse SAND w/some fine-coarse gravel, loose, brown staining from 9.5-11', black staining from 10.5-11', heavy naphthalene-like odor, moist (wet at 10')
12-16'			400 ppm 640 ppm 490 ppm 250 ppm 160 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, heavy brown staining, sheen, heavy naphthalene-like odor, wet Tan-gray, fine-coarse SAND w/fine gravel, slightly finer sand at 14', loose, heavy naphthalene-like odor, wet
16-20'			31 ppm 24 ppm 32 ppm 35 ppm		Gray-tan, SAND w/some fine-coarse gravel, loose, gravel is NAPL coated from 16-16.5', light hydrocarbon-like odor, wet
20-24'			15 ppm 14 ppm 13 ppm 13 ppm 18 ppm		Br, gravelly fine-coarse SAND, loose, slight hydrocarbon-like odor, wet Brown, fine-coarse SAND w/fine gravel, loose, slight hydrocarbon-like odor, wet
24-28'			14 ppm 18 ppm		Tan, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, bottom of liner was heavily stained but sample fell out, slight naphthalene-like odor, wet
28-32'			1.3 ppm 4.0 ppm 3.0 ppm 3.0 ppm		Tan, fine-coarse SAND w/fine gravel, loose, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-67
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			4.0 ppm		Tan, fine-coarse SAND w/fine gravel, loose, wet
		32-36'	4.0 ppm 5.0 ppm 8.0 ppm 7.0 ppm		Same as above
35		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand and fine gravel, medium dense, wet
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 1.8 ppm 2.6 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, wet
45		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, wet
50		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND, loose, wet
55		52-56'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, wet
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, medium dense, wet
60		60-64'	0.0 ppm 0.0 ppm 20 ppm 38 ppm 20 ppm		Brown, fine SAND, medium dense, naphthalene-like odor, wet (jar test: light staining on lid, several pin sized floating blebs, slight sheen, naphthalene-like odor)
65		64-68'	0.0 ppm 0.0 ppm 0.0 ppm 2.0 ppm 35 ppm 18 ppm 40 ppm 40 ppm		Brown, fine SAND, medium dense, dark brown staining at 66' and 67', naphthalene-like odor, wet
		68-72'	1.4 ppm 10 ppm 12 ppm 15 ppm		Same as above, no staining

Location: Bay Shore/Brightwaters	Site Id: BBSB-67
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
72-76'		72-76'	2.0 ppm 5.0 ppm 7.0 ppm 25 ppm		<p>Brown, fine SAND, medium dense, slight naphthalene-like odor, wet</p> <p>Gray, fine SAND w/some medium-coarse sand, trace fine gravel, to gray, sandy SILT w/fine-coarse gravel, gravel heavily coated with NAPL at 74', naphthalene-like odor</p> <p>Base of boring - 76 ft.</p>



Site Id: BBSB-68

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/18/02 - 01/18/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 8-10', 12-14', and 24-26'.
Boring located on a concrete pad approximately 3' higher than the surrounding area.

Elevation: 24.88'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	0.0 0.0 0.0	0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Lt orange brown-black, medium-coarse sandy FILL w/fine gravel, concrete rubble from 1.5-1.7', vesicular slag fragments and black staining from 1.5-2.25', loose, dry
4-8'	0.0 0.0 0.0	4-8'	0.0 ppm 0.0 ppm 0.0 ppm		Light orange brown, medium-coarse SAND w/fine gravel, loose, dry
8-12'	0.0 0.0 0.0	8-12'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND w/fine gravel, loose, dry (wet at 10')
12-16'	153 28.7 0.0 0.0	12-16'	153 ppm 28.7 ppm 0.0 ppm 0.0 ppm		Brown, fine-med SAND w/coarse sand lenses at 12.7' and 13', moderate black staining from 12-12.3', minor black staining from 13.75-14.6', strong hydrocarbon-like odor at top of sample
16-20'		16-20'			No recovery, sample washed out
20-24'	0.0 0.0 0.0	20-24'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, coarsest from 20-21', loose, wet
24-26'	0.0 0.0 0.0	24-26'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, loose, wet
					Base of boring - 26 ft.



Site Id: BBSB-69

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 6-8', 10-12', and 24-26'.

Elevation: 22.52'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	0.0 ppm 0.0 ppm 0.0 ppm				Black-dk brown, sandy clayey FILL, concrete (0-.5') and coal fragments (1.5'), vesicular slag, loose, plastic, black staining-streaking, dry-moist
4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				Light brownish orange, sandy CLAY, plastic, moist Brown, medium SAND w/fine gravel, loose, dry
8-12'	0.0 ppm 830 ppm 1797 ppm 797 ppm 230 ppm 18.9 ppm				Light brownish orange-brown, fine-medium-coarse SAND w/fine gravel, loose, dark black banding at 8.5', heavy black staining-saturated with NAPL from 8.9-9.5', lighter staining at 10.25' and from 10.75-11.25', very strong hydrocarbon-like odor, dry (wet at 8.75')
12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				Brown, fine-medium-coarse SAND w/fine gravel, slightly coarser from 12.5-13.5', loose, wet
16-20'	0.0 ppm 0.0 ppm 0.0 ppm				Brown, fine-medium SAND, coarse sand-fine gravel lens at 16.5', loose, wet
20-24'	0.0 ppm 0.0 ppm 0.0 ppm				Brown, fine-medium-coarse SAND w/trace fine gravel, loose, wet
24-26'	0.0 ppm 0.0 ppm 0.0 ppm				Brown, fine-medium-coarse SAND, loose, wet
					Base of boring - 26 ft.



Site Id: BBSB-70

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 30.00'

Remarks: Samples selected for analysis at 8-10', 16-18', 22-24', and 27-29'.

Elevation: 21.48'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Black]	0-4'	0.0 ppm	[Diagonal lines]	Black-dark brown, silty sandy FILL, loose
			0.0 ppm		Brown, silty sandy gravelly FILL, concrete chunks, loose
4-8'	[Black]	4-8'	0.0 ppm	[Diagonal lines]	Light brown, fine-medium SAND, trace silt, little-no gravel, loose, gray staining and hydrocarbon-like odor at 6.5', moist
			0.0 ppm		
8-12'	[Black]	8-12'	41 ppm	[Diagonal lines]	Gray, med-coarse SAND w/gravel, trace silt, loose, gray staining, moderate hydrocarbon-like odor, wet
			670 ppm		
12-16'	[Black]	12-16'	250 ppm	[Diagonal lines]	Gray-black, coarse-very coarse SAND w/medium sand, trace gravel, loose, gray-black staining, moderate hydrocarbon-like odor, wet
			500 ppm		
16-20'	[Black]	16-20'	400 ppm	[Diagonal lines]	Light brown-white, medium-coarse SAND, coarse from 12-12.5', trace gravel and silt, loose, slight hydrocarbon-like odor, wet
			350 ppm		
20-24'	[Black]	20-24'	320 ppm	[Diagonal lines]	Light brown, coarse-very coarse SAND w/gravel, trace silt, loose, wet
			90 ppm		
24-26'	[Black]	24-26'	120 ppm	[Diagonal lines]	Light brown-white, coarse-very coarse SAND, very coarse from 20-21', gravel, trace silt, loose, very faint hydrocarbon-like odor, wet
			80 ppm		
26-30'	[Black]	26-30'	100 ppm	[Diagonal lines]	Light brown, fine-coarse SAND, gravel, trace silt, loose, wet (PID readings suspect, may be reaction to soil moisture)
			8.4 ppm		
			11.5 ppm		Light brown, coarse-very coarse SAND, little gravel, trace silt, loose, wet
			16.0 ppm		Light brown, medium-coarse SAND, little gravel, trace silt, loose, wet
			18.5 ppm		(PID readings from 26-30' suspect as noted above)
			8.0 ppm		Base of boring - 30 ft.
			1.0 ppm		
			11.0 ppm		
			15.0 ppm		
			18.0 ppm		
			18.0 ppm		



Site Id: BBSB-71

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 5-7', 9-11', and 16-18'.

Elevation: 21.28'

Datum: Mean Sea Level

Logged By: B. Ryan, T. Fox

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Solid black]	0-4'	0.0 ppm	[Diagonal hatching]	Black-brownish orange, FILL, topsoil, slag fragments, loose, moist
			0.0 ppm		Brown, clayey SAND w/fine gravel, slightly plastic, moist
4-8'	[Solid black]	4-8'	0.0 ppm	[Diagonal hatching]	Same as above
			0.0 ppm		Orange brown, fine-medium-coarse SAND w/fine gravel, loose, wet
8-12'	[Solid black]	8-12'	0.0 ppm	[Dotted pattern]	Brown, fine-medium-coarse SAND w/fine gravel, dark black staining in bottom 2", strong hydrocarbon-like odor, wet at 6.2'
			256 ppm		Brown, fine-medium-coarse SAND w/fine gravel, loose, black staining from 8-9' and at 10.5', strong hydrocarbon-like odor, wet
12-16'	[Solid black]	12-16'	238 ppm	[Dotted pattern]	Light brownish orange, fine-medium-coarse SAND, coarse sand lenses at 12.25' and 13.5', trace fine gravel, loose, wet
			1275 ppm		
16-20'	[Solid black]	16-20'	2000+ ppm	[Dotted pattern]	Brown/yellow/orange, very coarse SAND w/gravel, minor/little fine sand, little/no silt, loose, wet
			2000+ ppm		
20-24'	[Solid black]	20-24'	928 ppm	[Dotted pattern]	Light brown, medium-coarse SAND, little/no gravel, loose, wet
			49.3 ppm		
24-26'	[Solid black]	24-26'	0.0 ppm	[Dotted pattern]	Coarse-very coarse SAND and GRAVEL, loose, wet
			0.0 ppm		
25-26'	[Solid black]	24-26'	0.0 ppm	[Dotted pattern]	Light brown/yellow, medium-coarse SAND, little gravel, trace silt, loose, wet
			0.0 ppm		
					Base of boring - 26 ft.



Site Id: BBSB-72

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/18/02 - 01/18/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 4-6', 8-10', and 24-25.5'.

Elevation: 21.27'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	Black	0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Brownish black, sandy FILL, vesicular slag fragments, loose, black discoloration, moist
4-8'	Black	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 1046 ppm		Orange brown, clayey SAND (1.5-2.5'), slightly plastic, moist Orange brown, sandy CLAY w/fine gravel, plastic, moist Lt orange-brown, medium-coarse SAND w/fine gravel, loose, black staining in bottom 5" of sample, strong hydrocarbon-like odor, moist (wet at 5.5')
8-12'	Black	8-12'	0.0 ppm 448 ppm 28.9 ppm 3.2 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light orange-brown, sandy CLAY, plastic, black staining at 8.3', mild hydrocarbon-like odor, moist
12-16'	Black	12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-lt br-orange, fine-coarse SAND w/f gravel, coarsest sand (11-11.5'), loose, strong-mod hydrocarbon-like odor (8.5-10'), wet Brown, fine-medium-coarse SAND w/trace fine-coarse gravel, coarser lenses at 13' and 14.2', loose, wet
16-20'	Black	16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/trace fine gravel, coarse sand and fine gravel lens at 16', loose, wet
20-24'	Black	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, coarser lenses at 21' and 22.5', loose, wet
24-26'	Black	24-26'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, coarser from 25.3-25.75', loose, wet
					Base of boring - 26 ft.



Site Id: BBSB-73

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/17/02 - 01/17/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 4-6', 10-12', and 24-26'.

Elevation: 22.23'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Black-brown-orange brown (mostly black from 0.25-0.6'), med-coarse sandy FILL w/fine gravel, concrete rubble (top 3"), loose, dry Lt orange brown, sandy CLAY, slag fragments and red brick at 1.2', plastic, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Lt orange brown, clayey SAND w/trace fine gravel, slightly plastic, moist Brown, fine-medium-coarse SAND w/fine gravel, loose, dry
8-12'		8-12'	0.0 ppm 623 ppm 924 ppm 1760 ppm 1821 ppm 847 ppm 324 ppm		Light brown, fine-medium-coarse SAND w/fine gravel, loose, dry Black-charcoal gray, medium-coarse SAND, coarse sand lens at 10', loose, black staining, strong hydrocarbon-like odor, wet at 9'
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, loose, minor black banding at 11', strong hydrocarbon-like odor, wet Brown, fine-medium-coarse SAND w/fine gravel, loose, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24-26'		24-26'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace coarse sand and fine gravel from 25-26', loose, wet Base of boring - 26 ft.



Site Id: BBSB-74

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/13/02 - 02/14/02

Total Depth: 76.00'

Remarks: Geotechnical samples selected for analysis at 8-10', 16-18', 52-54', and 72-76'.

Elevation: 19.63'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Hand Augered 0-5', Geoprobe 5-76'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-5'	0.0 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, wet (composite sample)
5		5-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium SAND w/trace fine gravel, loose, dry-moist at 8'
		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish-orange, medium SAND w/fine gravel, loose, moist-wet at 9'
10			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, medium SAND w/fine gravel, loose, wet
		12-16'	13.7 ppm 9.2 ppm 2.9 ppm 8.3 ppm 10.5 ppm		Tannish-gray, fine-medium-coarse SAND w/fine gravel, loose, mild-moderate hydrocarbon/naphthalene-like odor, wet
15					
		16-20'	18.1 ppm 13.7 ppm 26.5 ppm 4.4 ppm 1.3 ppm		Same as above
20					
		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine gravel, loose, wet
25					
		24-28'	0.0 ppm 0.0 ppm 0.8 ppm 0.0 ppm 1.2 ppm 0.0 ppm		Brown, medium SAND w/fine gravel, medium-coarse sand from 26.5-27', loose, wet
		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, loose, wet Brown, fine-medium SAND, loose, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-74
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm 0.0 ppm 11.6 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND w/fine gravel from 32-33' and fine-medium gravel from 33-35', loose, wet
		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
45		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
50		48-52'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
55		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, mild naphthalene-like odor, wet
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, mild naphthalene-like odor, wet
60		60-64'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
65		64-68'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish-orange, fine-medium SAND, loose, mild naphthalene-like odor, wet
		68-72'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, hydrocarbon-like odor, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-74
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		72-76'	2.6 ppm 15 ppm		Brown, fine-medium SAND, loose, hydrocarbon-like odor, wet Brown, medium-coarse SAND, little subrounded gravel, loose, hydrocarbon-like odor, wet
			0.0 ppm 0.0 ppm 2.1 ppm 2.6 ppm 3.0 ppm 3.8 ppm 8.9 ppm		Base of boring - 76 ft.



Site Id: BBSB-75

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/14/02 - 02/15/02

Total Depth: 72.00'

Remarks: Geotechnical samples selected for analysis at 8-10', 52-54', and 68-70'.

Elevation: 18.94'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Hand Augered 0-5', Geoprobe 5-72'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-5'	0.0 ppm		Light orange-brown, medium-coarse SAND w/fine gravel, loose, moist (composite sample)
5		5-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brownish-orange, medium-coarse SAND w/fine gravel, loose, wet at 8.5'
10		12-16'	0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-medium-coarse SAND w/fine gravel, loose, wet
15		16-20'	0.0 ppm 0.0 ppm 1.5 ppm 2.4 ppm 6.9 ppm		Tannish-gray, fine-medium-coarse SAND w/fine gravel, loose, mild hydrocarbon-like odor, wet
20		20-24'	0.0 ppm 0.4 ppm 3.9 ppm 0.0 ppm 0.0 ppm		Tannish-gray, fine-medium SAND, trace coarse sand and fine gravel from 20-20.5', loose, mild hydrocarbon-like odor, wet
		24-28'	0.3 ppm 0.0 ppm 0.2 ppm 0.0 ppm		Light brown, fine-medium SAND w/trace fine gravel
25		28-32'	0.4 ppm 0.0 ppm 3.8 ppm 0.0 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, mild naphthalene-like odor, wet
					Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, mild naphthalene-like odor, wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-75
Purpose: Soil Boring		Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32-36'		32-36'	0.0 ppm		Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, mild naphthalene-like odor, wet
			0.0 ppm		
36-40'		36-40'	0.0 ppm		Light brown, fine-medium SAND w/trace fine gravel, coarse sand lens at 37.5', loose, mild naphthalene-like odor, wet
			0.0 ppm		
40-44'		40-44'	0.0 ppm		Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, wet
			0.0 ppm		
44-48'		44-48'	0.0 ppm		Brown, fine-medium SAND, trace fine gravel, loose, mild naphthalene-like odor, wet
			0.0 ppm		
48-52'		48-52'	0.0 ppm		Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, mild naphthalene-like odor, wet
			0.0 ppm		
52-56'		52-56'	0.0 ppm		Brown, fine-medium SAND, loose, mild naphthalene-like odor, wet
			0.0 ppm		
56-60'		56-60'	0.0 ppm		Brown, fine-medium SAND, loose, mild naphthalene-like odor, wet
			0.0 ppm		
60-64'		60-64'	0.0 ppm		Light brown, fine-medium SAND, loose, mild naphthalene-like odor, wet
			0.0 ppm		
64-68'		64-68'	0.0 ppm		Same as above
			0.0 ppm		
68-72'		68-68.3'	0.0 ppm		Light orange brown, silty fine SAND from 68-68.3', medium dense, mild naphthalene-like odor, moist, to gray, CLAY from 68.3-69.3', trace silt, stiff, plastic, mild naphthalene-like odor, moist
			0.0 ppm		

Location: Bay Shore/Brightwaters		Site Id: BBSB-75
Purpose: Soil Boring		Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
72			0.0 ppm		Light orange-brown, medium-coarse SAND w/fine-coarse gravel from 69.3-70.3', loose, mild naphthalene-like odor, wet Base of boring - 72 ft.
75					
80					
85					
90					
95					
100					
105					



Site Id: BBSB-76

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/20/02 - 02/21/02

Total Depth: 72.00'

Remarks: Sample selected for analysis at 17-19'.
Geotechnical samples selected for analysis at 8-10', 40-44', and 60-64'.

Elevation: 14.48'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental


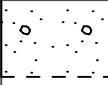
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, silty TOPSOIL w/some fine gravel, soft, slightly plastic, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-coarse SAND w/some fine gravel, some silt from 1-1.5', loose, moist Orange brown-tan, fine-coarse SAND w/fine-coarse gravel, loose, moist-wet at 7.5'
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan-orange brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, wet
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-black, fine-coarse SAND w/fine gravel, loose, slight hydrocarbon-like odor from 17-18' in black sand, wet Brown, fine-medium SAND
20-24'		20-24'	5.0 ppm 0.0 ppm 15.0 ppm 0.0 ppm 0.0 ppm		Gray-brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight hydrocarbon-like odor, wet (PID readings not sustained, all reverted back to 0.0 ppm)
24-28'		24-28'	0.0 ppm 5.0 ppm 0.0 ppm 5.0 ppm 10.0 ppm		Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, slight hydrocarbon-like odor, wet (10 ppm PID reading was sustained, the 5 ppm readings were not sustained)
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight naphthalene-like odor, wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-76
Purpose: Soil Boring		Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
					Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight naphthalene-like odor, wet
		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 10 ppm 10 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose-medium dense, naphthalene-like odor, wet
35					
		36-40'	0.0 ppm 7.0 ppm 4.0 ppm 7.0 ppm		Brown, fine-coarse SAND, trace fine gravel, loose, slight naphthalene-like odor, wet
40					
		40-44'	2.5 ppm 6.0 ppm 6.0 ppm 7.0 ppm 7.0 ppm		Brown, fine-med SAND w/some coarse sand, trace fine gravel, micaceous loose, slight naphthalene-like odor, wet
45					
		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, micaceous, loose, slight naphthalene-like odor, wet
50					
		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, micaceous, medium dense, slight naphthalene-like odor, wet
55					
		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
60					
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, dense, moist
65					
		60-62'	0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-medium SAND, medium dense, wet
		62-64'	0.0 ppm		Brown, very fine-fine SAND, micaceous, very dense, moist (composite sample)
		64-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse sandy GRAVEL w/some fine-medium sand, loose, moist
		66-68'	0.0 ppm 0.0 ppm 0.0 ppm		Gray, CLAY, very stiff-stiff, plastic, moist Gray, coarse SAND to sandy CLAY, plastic, moist
		68-70'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, loose, wet

Location: Bay Shore/Brightwaters		Site Id: BBSB-76
Purpose: Soil Boring		Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
70-72'		70-72'	0.0 ppm 0.0 ppm		Brownish gray, medium-coarse SAND w/fine gravel, loose, wet Gray, fine-medium SAND, loose, wet Base of boring - 72 ft.
75					
80					
85					
90					
95					
100					
105					



Site Id: BBSB-77

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/26/02 - 02/27/02

Total Depth: 74.00'

Remarks: Geotechnical samples selected for analysis at 8-10', 32-36', and 56-58'.

Elevation: 7.09'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-orange brown, SILT w/some fine-coarse gravel and fine-coarse sand, soft, non-plastic
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, gravelly fine-coarse SAND w/fine-coarse gravel, loose, wet Brown, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, wet
8-12'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-tan, fine-coarse SAND w/fine-coarse gravel, loose, wet
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND, trace fine gravel, loose, wet
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight naphthalene-like odor, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, slight naphthalene-like odor, wet
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, naphthalene-like odor, wet
28-32'			30 ppm 35 ppm 38 ppm 35 ppm		Brown, fine-coarse SAND, trace fine gravel, loose, naphthalene-like odor, wet

Location: Bay Shore/Brightwaters	Site Id: BBSB-77
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			40 ppm		
32-36'					Brown, fine-coarse SAND, trace f gravel, loose, naphthalene-like odor, wet
36-40'					Brown, fine-coarse SAND w/some fine gravel, gravelly sand from 33-34', loose, naphthalene-like odor, wet (PID malfunction)
40-44'					Brown, fine-coarse SAND w/some fine gravel, loose, slight naphthalene-like odor, wet (PID malfunction)
44-48'					Brown, fine-medium SAND, micaceous, medium dense, wet (PID malfunction)
48-52'					Brown, fine-medium SAND, micaceous, medium dense, wet (PID malfunction)
52-56'					Same as above (PID malfunction)
56-60'					Brown, fine-medium SAND, micaceous, medium dense, moist (PID malfunction)
60-62'					Brown, fine gravelly fine-coarse SAND, loose, moist (PID malfunction)
62-64'			0.00 ppm		Gray, coarse sandy CLAY, soft, plastic, wet (PID malfunction)
64-66'			0.00 ppm		Gray, CLAY w/some sand, soft-stiff, plastic
66-68'			0.00 ppm		Dark gray, CLAY, stiff, plastic, moist
68-70'			0.00 ppm		Same as above
			0.00 ppm		Gray, silty CLAY, soft, plastic

Location: Bay Shore/Brightwaters	Site Id: BBSB-77
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	Gray, very fine sandy SILT, soft, non-plastic, moist
		72-74'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	Brown, very fine sandy SILT, micaceous, soft, non-plastic, moist
75					Base of boring - 74 ft.
80					
85					
90					
95					
100					
105					



Site Id: BBSB-78

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 01/18/02 - 01/18/02

Total Depth: 26.00'

Remarks: Samples selected for analysis at 0-2', 9-11', and 24-25'.

Driller encountered refusal at three locations before successfully installing this boring.

Elevation: 21.98'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	0.0 ppm 39.1 ppm 0.0 ppm	0-4'	0.0 ppm 39.1 ppm 0.0 ppm		Orange brown, medium-coarse SAND, concrete debris and vesicular slag from 0-1', loose, hardened tar from 1.5-2', minor naphthalene-like odor, dry
4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium SAND w/fine gravel, coarse sand lens at 6', loose, dry (wet at 6')
8-12'	0.0 ppm 0.0 ppm 176 ppm 310 ppm 57.2 ppm 0.0 ppm	8-12'	0.0 ppm 0.0 ppm 176 ppm 310 ppm 57.2 ppm 0.0 ppm		Light brownish orange, fine-medium-coarse SAND, loose, wet Black-charcoal gray, fine-medium SAND w/fine gravel, coarse sand lens at 10.5', loose, black staining, moderate hydrocarbon-like odor, wet
12-16'	0.0 ppm 0.0 ppm	12-16'	0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, wet
16-20'		16-20'			No recovery, sample washed out
20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND w/fine gravel, coarse sand and fine gravel from 20.5-21', loose, wet
24-26'	0.0 ppm 0.0 ppm	24-26'	0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND w/fine-coarse gravel, loose, wet
					Base of boring - 26 ft.



Site Id: BBSB-79

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/08/02 - 02/08/02

Total Depth: 20.00'

Remarks: Samples selected for analysis at 6-7' and 16-18'.

Elevation: 20.92'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Solid black]	0-4'	0.0 ppm	[Diagonal hatching]	Dark brown, FILL, topsoil, clinker deposits, loose, moist
			0.0 ppm		Light orange brown, sandy CLAY w/trace fine gravel, plastic, moist
4-8'	[Diagonal hatching]	4-8'	0.0 ppm	[Dotted pattern]	Light orange brown, medium-coarse SAND w/fine gravel, loose, moist
			0.0 ppm		
8-12'	[Solid black]	8-12'	102 ppm	[Dotted pattern]	Brown, medium-coarse SAND w/fine gravel, loose, bottom 6" charcoal gray in color, moderate odor (possibly solvent-like), wet
			24 ppm		
12-16'	[Diagonal hatching]	12-16'	0.0 ppm	[Dotted pattern]	Charcoal gray, medium-coarse SAND w/trace fine gravel, loose, charcoal gray discoloration, mild hydrocarbon/solvent-like odor, wet
			38.4 ppm		
16-20'	[Solid black]	16-20'	30.8 ppm	[Dotted pattern]	Light brown, medium-coarse SAND w/trace fine gravel, loose, wet
			6.1 ppm		
20-25'	[Diagonal hatching]	20-25'	0.6 ppm	[Dotted pattern]	Light brown, medium-coarse SAND w/fine gravel, loose, wet
			0.0 ppm		
25-30'	[Diagonal hatching]	25-30'	0.0 ppm	[Dotted pattern]	Light brown, medium-coarse SAND w/fine gravel, loose, wet
			0.0 ppm		
20					Base of boring - 20 ft.



Site Id: BBSB-80

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/08/02 - 02/08/02

Total Depth: 20.00'

Remarks: Samples selected for analysis at 6-7', 8.5-9.5', and 16-18'.

Elevation: 20.82'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm		FILL, concrete material, clinker fragments, loose, dry Light orange brown, sandy CLAY, plastic, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 42 ppm 170 ppm		Lt orange brown-charcoal gray, SAND w/trace fine gravel, loose, dark charcoal gray staining with strong solvent/hydrocarbon-like odor at bottom 6", wet at 6.5'
8-12'		8-12'	0.0 ppm 109 ppm 16 ppm 27 ppm 23 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, dark charcoal gray staining with light sheen from 8.5-9', light gray staining from 10-10.5', strong solvent/hydrocarbon-like odor, wet
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND w/fine gravel, gravel lens at 14.3', loose, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND w/fine gravel, loose, wet
20					Base of boring - 20 ft.

Elevation: 22.18'

Datum: Mean Sea Level

Logged By: J. Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description					
5	[Solid Black]	0-6'	0.0 ppm	[Vertical Lines]	Brown, SILT w/fine gravel, stiff, non-plastic					
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
10	[Solid Black]	6-11'	2.0 ppm	[Dotted]	Light brown, fine-coarse SAND w/fine-coarse gravel, loose, dry					
			16 ppm							
			80 ppm							
			20 ppm							
			4.0 ppm							
			8.0 ppm							
			8.0 ppm							
			8.0 ppm							
			5.0 ppm							
			5.0 ppm							
			15 ppm							
			100 ppm							
15	[Solid Black]	11-16'	120 ppm	[Dotted]	Brown-gray, fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moderate petroleum-like odor, very moist					
			60 ppm							
			70 ppm							
			5.0 ppm							
			10 ppm							
			20			[Solid Black]	16-21'	4.0 ppm	[Dotted]	Gray-dark gray, fine-coarse SAND w/fine gravel, some coarse gravel, loose, light petroleum-like odor, moist
								3.0 ppm		
								15 ppm		
								10 ppm		
								50 ppm		
								10 ppm		
								8.0 ppm		
10 ppm										
10 ppm										
25	[Solid Black]	21-26'		7.0 ppm	[Dotted]			Gray-dark gray, fine-coarse SAND w/some fine-coarse gravel, loose, tar-like odor, moist		
				7.0 ppm						
				11 ppm						
			31 ppm							
			31 ppm							
			25 ppm							
			25 ppm							
			20 ppm							
			30	[Solid Black]		26-31'	42 ppm		[Dotted]	Blue-gray (gunmetal), fine-coarse SAND w/some fine gravel, trace coarse gravel, loose, moderate brown staining, tar-like odor, wet
							80 ppm			
							75 ppm			
							75 ppm			
50 ppm										
90 ppm										
80 ppm										
90 ppm										

Location: Bay Shore/Brightwaters		Site Id: BBSB-81
Purpose: Soil Boring		Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		31-36'	110 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel (31-36'), some fine gravel and trace coarse gravel (30-31'), loose, intermittant (30-31') to sporadic (31-36') brown staining, naphthalene-like odor, moist
			40 ppm		
			75 ppm		
			65 ppm		
			75 ppm		
			75 ppm		
			80 ppm		
			60 ppm		
			40 ppm		
			40		
130 ppm					
150 ppm					
75 ppm					
37 ppm					
20 ppm					
45		41-46'	0.0 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight brown staining at 44', slight naphthalene-like odor, moist
			5.0 ppm		
			7.0 ppm		
			6.0 ppm		
			11 ppm		
50		46-51'	12 ppm		Brown-mottled orange brown, fine-medium SAND, trace fine gravel, loose, slight naphthalene-like odor
			11 ppm		
			15 ppm		
			12 ppm		
			7.0 ppm		
			10 ppm		
55		51-56'	1.0 ppm		Same as above, no gravel, no odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		56-61'	0.0 ppm		Brown-mottled orange brown, fine SAND w/some medium sand, medium dense, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		61-66'	0.0 ppm		Same as above, no medium sand
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		66-71'	130 ppm		Brown-gray, fine SAND, trace fine gravel, liquid to medium dense, NAPL saturated at 66' and 70.5', heavy naphthalene-like odor
			170 ppm		
			250 ppm		
			50 ppm		
			50 ppm		
			70 ppm		
			200 ppm		

Location: Bay Shore/Brightwaters		Site Id: BBSB-81
Purpose: Soil Boring		Total Depth: 106.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75	[Solid black bar]	71-76'	80.0 ppm		Fine-coarse gravelly medium-coarse SAND w/some clay, heavy staining to NAPL saturated, heavy naphthalene-like odor, to dk gray, silty v fine-fine SAND, dense, sheen on water, naphthalene-like odor, moist
			79.0 ppm		
			78.0 ppm		
			77.0 ppm		
			76.0 ppm		
			75.0 ppm		
			74.0 ppm		
			73.0 ppm		
			72.0 ppm		
			71.0 ppm		
			70.0 ppm		
			80		
78.0 ppm					
77.0 ppm					
76.0 ppm					
75.0 ppm					
74.0 ppm					
73.0 ppm					
72.0 ppm					
71.0 ppm					
70.0 ppm					
69.0 ppm					
85	[Solid black bar]	81-86'		80.0 ppm	
			79.0 ppm		
			78.0 ppm		
			77.0 ppm		
			76.0 ppm		
			75.0 ppm		
			74.0 ppm		
			73.0 ppm		
			72.0 ppm		
			71.0 ppm		
			70.0 ppm		
			90	[Solid black bar]	
84.0 ppm					
83.0 ppm					
82.0 ppm					
81.0 ppm					
80.0 ppm					
79.0 ppm					
78.0 ppm					
77.0 ppm					
76.0 ppm					
75.0 ppm					
95	[Solid black bar]	91-96'			90.0 ppm
			89.0 ppm		
			88.0 ppm		
			87.0 ppm		
			86.0 ppm		
			85.0 ppm		
			84.0 ppm		
			83.0 ppm		
			82.0 ppm		
			81.0 ppm		
			80.0 ppm		
			100	[Solid black bar]	96-101'
94.0 ppm					
93.0 ppm					
92.0 ppm					
91.0 ppm					
90.0 ppm					
89.0 ppm					
88.0 ppm					
87.0 ppm					
86.0 ppm					
85.0 ppm					
105	[Solid black bar]	101-106'			
			99.0 ppm		
			98.0 ppm		
			97.0 ppm		
			96.0 ppm		
			95.0 ppm		
			94.0 ppm		
			93.0 ppm		
			92.0 ppm		
			91.0 ppm		
			90.0 ppm		
			106.0 ppm		

Elevation: 23.49'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description						
5	[Black bar]	0-6'	0.0 ppm 0.0 ppm	[Graphic log symbols]	<p>Dk gray/dk brown, fine-med sandy gravelly FILL, some gray silt, roots Brown, f-m sandy FILL, some silt and rounded gravel, trace clay, glass Orange brown, medium-coarse SAND and fine-coarse rounded GRAVEL, loose</p>						
		6-16'	23.5 ppm 20 ppm 57.2 ppm 72.8 ppm 86.3 ppm 30.1 ppm 12.8 ppm 17.6 ppm 71.2 ppm 84.6 ppm 38.8 ppm 29.7 ppm			<p>Orange brown, medium-coarse SAND and rounded GRAVEL, medium sand and gravel from 7.5-8.5', trace silt, trace clay, dark brown staining from 7.5-8.5', saturated with NAPL with gray staining from 8.5-11', hydrocarbon-like odor from 7.5-8.5' (strong) and 8.5-11'</p> <p>Gray, medium-coarse SAND, some gravel, staining, hydrocarbon-like odor</p>					
		20	[Black bar]				16-26'	0.6 ppm 0.3 ppm 0.0 ppm 1.1 ppm 7.2 ppm 12.5 ppm 3.6 ppm 66 ppm 69 ppm 20 ppm 7.5 ppm 8.6 ppm 5.3 ppm 6.8 ppm 5.2 ppm 7.2 ppm 7.5 ppm	[Graphic log symbols]	<p>Brown, medium-coarse SAND, some gravel, hydrocarbon-like odor</p> <p>Gray-brown, fine-medium SAND, little gravel, gray-brown staining, hydrocarbon-like odor</p> <p>Brown, fine-medium SAND, some gravel, loose, tar lens at 20', hydrocarbon-like odor, wet</p>	
							26-36'	50 ppm 78 ppm 48 ppm 31 ppm 31 ppm 235 ppm 164 ppm 224 ppm 308 ppm			<p>Brown, medium-coarse SAND, little-some rounded gravel, loose, black staining, sheen, strong naphthalene-like odor, wet</p>

Location: Bay Shore/Brightwaters	Site Id: BBSB-82
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description					
35	[RECOVERED]	36-46'	169 ppm	[GRAPHIC LOG]	Brown, medium-coarse SAND, little-some rounded gravel, loose, lenses of black NAPL from 30-32', black staining, sheen, strong naphthalene-like odor, wet					
			241 ppm							
			138 ppm							
			72 ppm							
			112 ppm							
			125 ppm							
			141 ppm							
			99.6 ppm							
			101 ppm							
			51 ppm							
			53 ppm							
			26 ppm							
40	[RECOVERED]	36-46'	45 ppm	[GRAPHIC LOG]	Brown, medium-coarse SAND, little-some gravel, loose, lenses of black staining at 40', 42' and 44-45', sheen, naphthalene-like odor, wet					
			26 ppm							
			36 ppm							
			70.7 ppm							
			72 ppm							
			155 ppm							
			246 ppm							
			94 ppm							
			78.8 ppm							
			95 ppm							
			188 ppm							
			75 ppm							
45	[RECOVERED]	46-56'	55 ppm	[GRAPHIC LOG]	Brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, lens of dark brown NAPL at 50.5', naphthalene-like odor, moist					
			64 ppm							
			201 ppm							
			153 ppm							
			94 ppm							
			44.8 ppm							
			28.8 ppm							
			76 ppm							
			36 ppm							
			130 ppm							
			130 ppm							
			172 ppm							
50	[RECOVERED]	46-56'	111 ppm	[GRAPHIC LOG]	Brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, lens of dark brown NAPL at 50.5', naphthalene-like odor, moist					
			145 ppm							
			134 ppm							
			94 ppm							
			295 ppm							
			160 ppm							
			134 ppm							
			76 ppm							
			38 ppm							
			33 ppm							
			21 ppm							
			63 ppm							
21 ppm										
55	[RECOVERED]	56-66'	42 ppm	[GRAPHIC LOG]	Brown-mottled orange brown, fine-medium SAND, loose, moist					
			32 ppm							
			0.7 ppm							
			1.2 ppm							
			2.1 ppm							
			2.6 ppm							
			0.5 ppm							
			1.5 ppm							
			2.4 ppm							
			1.9 ppm							
			0.2 ppm							
			0.0 ppm							
0.6 ppm										
60	[RECOVERED]	56-66'	0.3 ppm	[GRAPHIC LOG]	Brown-mottled orange brown, fine-medium SAND, loose, moist					
			0.0 ppm							
			0.4 ppm							
			1.0 ppm							
			7.4 ppm							
			2.5 ppm							
			4.7 ppm							
			2.1 ppm							
			65			[RECOVERED]	66-76'	10.1 ppm	[GRAPHIC LOG]	Brown-gray, fine-medium SAND (69-70.5'), black-brown staining, sheen, hydrocarbon-like odor from 69-70.5', wet
								26 ppm		
								62 ppm		
								80 ppm		
41 ppm										
64 ppm										
108 ppm										
433 ppm										
207 ppm										

Location: Bay Shore/Brightwaters	Site Id: BBSB-82
Purpose: Soil Boring	Total Depth: 86.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
70		76-86'	33 ppm		Gray, CLAY (70.5-71'), silt, dense
			9.5 ppm		
			3.1 ppm		
			19.8 ppm		
			24 ppm		
			14.2 ppm		
			9.4 ppm		
			5.6 ppm		
75			2.0 ppm		Dark gray, SILT, some clay, dense, stiff, to SAND (75.5-76')
			2.1 ppm		
			2.2 ppm		
			0.0 ppm		Gray, fine-medium SAND, some silt, little-trace clay, micaceous
			0.0 ppm		
			0.0 ppm		Dark gray/black, SILT, fine sand, very dense, stiff, non-plastic
			0.0 ppm		
80			0.0 ppm		Gray-dark gray, silty very fine SAND, trace-little clay, micaceous
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
		0.0 ppm			
		0.0 ppm			
85		0.0 ppm		Base of boring - 86 ft.	
		0.0 ppm			
90					
95					
100					
105					



Site Id: BBSB-83

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/28/02 - 02/28/02

Total Depth: 20.00'

Remarks: Samples selected for analysis at 8-10' and 18-20'.

Elevation: 20.12'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-4', Geoprobe 4-20'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
0-4'	[Solid black bar]	0-4'	0.0 ppm	[Diagonal hatching]	Brown, TOPSOIL, fine-medium sand, some clay, little silt, roots	
					Tan, fine-medium SAND, some clay, little silt, trace gravel (composite sample, 0-4')	
4-8'	[Solid black bar]	4-8'	0.0 ppm	[Diagonal hatching]	Same as above, tan/light brown, loose, moist	
			0.0 ppm		[Dotted pattern]	Brown, coarse-very coarse SAND and rounded GRAVEL, trace silt
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
8-12'	[Solid black bar]	8-12'	12 ppm	[Dotted pattern]	Brown, coarse SAND and GRAVEL, lens of silty sand with clay at 9.5', loose, hydrocarbon-like odor, moist	
407 ppm			[Dotted pattern]		Gray, coarse SAND and GRAVEL, gray staining	
21 ppm						
20 ppm						
23 ppm						
23 ppm						
12-16'	[Solid black bar]	12-16'	161 ppm	[Dotted pattern]	Brown, very coarse SAND and fine GRAVEL, loose, slight hydrocarbon-like odor, wet	
87 ppm			[Dotted pattern]		Gray, very coarse SAND and fine GRAVEL, gray staining (as in 10-12')	
0.5 ppm						
2.0 ppm						
13 ppm						
15 ppm						
10	[Solid black bar]	16-20'	10 ppm	[Dotted pattern]	Brown, medium-coarse SAND, some rounded gravel, loose, gray staining from 17-18.5', slight hydrocarbon-like odor, wet	
0.0 ppm			[Dotted pattern]		Base of boring - 20 ft.	
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
15	[Solid black bar]	16-20'	0.0 ppm	[Dotted pattern]		
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
20	[Solid black bar]	16-20'	0.0 ppm	[Dotted pattern]		
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
25	[Solid black bar]	16-20'	0.0 ppm	[Dotted pattern]		
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						
0.0 ppm						



Site Id: BBSB-84

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 02/28/02 - 02/28/02

Total Depth: 20.00'

Remarks: Samples selected for analysis at 8-10' and 18-20'.

Elevation: 20.29'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-4', Geoprobe 4-20'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm		Dark gray-black, FILL, asphalt paving, sand and fine gravel
4-8'			0.0 ppm		Light brown/tan, fine-medium SAND, some silt, little clay, trace gravel (composite sample, 0-4')
8-12'			0.0 ppm		Brown, coarse-very coarse SAND and rounded GRAVEL, loose, moist
12-16'			0.0 ppm		Brown, medium-coarse SAND and fine GRAVEL, lens of gray-black silty sand with clay at 9', fine-medium sand with light gray staining from 10-11', slight hydrocarbon-like odor, wet at 9'
16-20'			0.0 ppm		Brown, coarse SAND and fine GRAVEL, loose, wet
			12 ppm		Gray, medium-coarse SAND, gray staining, hydrocarbon-like odor
			27 ppm		Light gray, very coarse SAND and rounded GRAVEL, loose, hydrocarbon-like odor, wet
			32 ppm		Same as above, brown, slight hydrocarbon-like odor
			47 ppm		Gray, medium-coarse SAND, some fine gravel, trace silt, gray staining, hydrocarbon-like odor
			0.0 ppm		Gray, coarse SAND and GRAVEL, loose, gray staining, hydrocarbon-like odor, wet
			38 ppm		Base of boring - 20 ft.
			11 ppm		
			16 ppm		
			20 ppm		
			12 ppm		
			1.5 ppm		

Elevation: 21.72'

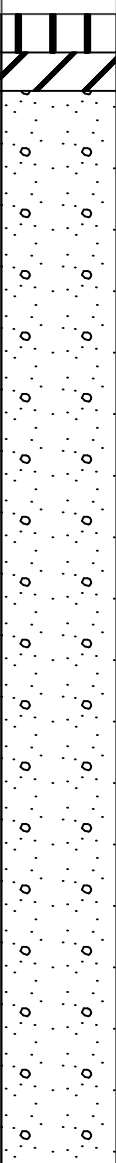
Datum: Mean Sea Level

Logged By: J. Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

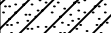
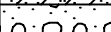





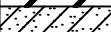
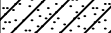
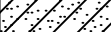
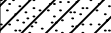
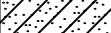
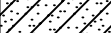
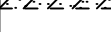







Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0 5 10 15 20 25	[Solid black bar]	0-6'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, SILT w/some gravel and clay, soft, plastic, moist-wet
		6-11'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, CLAY w/gravel, soft, plastic, moist
		11-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, possible creosote-like odor from 5-6', dry
		16-21'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine-coarse gravel, loose, hydrocarbon-like odor, moist
		21-26'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-gray, fine-coarse SAND w/some fine gravel, coarser lens at 13' with coarse gravel, loose, staining at 13', hydrocarbon-like odor, wet
		26-31'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Black-gray, fine-coarse SAND w/fine and some coarse gravel, loose, intermittent brown staining, hydrocarbon-like odor, wet
		31-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, coated with heavy oil/tar at 23' and 24', lens of staining at 24.5', naphthalene-like odor, wet
		36-41'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Tan, fine-coarse SAND w/fine and some coarse gravel, loose, sporadic-intermittent brown staining, heavy naphthalene-like odor, wet
		41-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
		46-51'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
		51-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
		56-61'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
61-66'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				
66-71'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				
71-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				
76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				

Location: Bay Shore/Brightwaters		Site Id: BBSB-85
Purpose: Soil Boring		Total Depth: 81.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
31-36'		60 ppm 13 ppm 20 ppm 10 ppm 7.0 ppm 16 ppm 85 ppm 180 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, sporadic brown staining, moderate-heavy naphthalene-like odor, wet	
36-41'		150 ppm 120 ppm 80 ppm 35 ppm 110 ppm 180 ppm 140 ppm		Same as above, intermittent-heavy staining, heavy naphthalene-like odor, moist	
41-46'		8.0 ppm 20 ppm 9.0 ppm 8.0 ppm 21 ppm 15 ppm 240 ppm 260 ppm 66 ppm		Tan-mottled orange brown, fine-coarse SAND w/some fine gravel, fine sand lens at 45', loose, moderate brown staining at 44.5', light-heavy naphthalene-like odor, moist	
46-51'		65 ppm 80 ppm 150 ppm 150 ppm 72 ppm 90 ppm 108 ppm 105 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, moist	
51-56'		50 ppm 22 ppm 15 ppm 15 ppm 19 ppm 19 ppm 25 ppm 8.0 ppm 13 ppm 20 ppm 27 ppm 11 ppm 20 ppm 13 ppm 8.0 ppm 18 ppm 20 ppm		Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, moderate naphthalene-like odor, moist	
56-61'		5.0 ppm 11 ppm 19 ppm 13 ppm 3.0 ppm 4.0 ppm 1.0 ppm 3.0 ppm 5.0 ppm		Light brown-tan-mottled orange brown, fine-medium SAND, trace coarse sand, loose-medium dense, light naphthalene-like odor, moist	
61-66'		4.0 ppm 20 ppm 15 ppm 47 ppm 52 ppm 50 ppm 120 ppm 81 ppm		Brown-mottled orange brown, fine SAND w/some medium sand, medium dense, slight brown staining at 62.5', slight naphthalene-like odor, moist	
66-71'				Gray-mottled orange brown, fine-medium SAND, medium dense, naphthalene-like odor, moist	

Location: Bay Shore/Brightwaters	Site Id: BBSB-85
Purpose: Soil Boring	Total Depth: 81.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
71		71-76'	135 ppm		Gray, gravelly sandy CLAY, soft, plastic, light staining, moderate-heavy naphthalene-like odor, to gray, sandy f-c GRAVEL w/some clay, loose, sheen, heavy staining and naphthalene-like odor, wet
			180 ppm		
			270 ppm		
			8.0 ppm		
			4.0 ppm		
			3.0 ppm		
			4.0 ppm		
			9.0 ppm		
75			0.5 ppm		
			4.0 ppm		
		76-81'	0.0 ppm		Gray, CLAY (72-75.5'), stiff, plastic, sheen, slight naphthalene-like odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80			0.0 ppm		
			0.0 ppm		
			0.0 ppm		Base of boring - 81 ft.

Elevation: 22.90'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Rotasonic

Contractor: Prosonic

Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5	[Solid black bar]	0-8'	0.0 ppm	[Dotted pattern]	Dark brown, FILL, silty matrix, some brick, concrete powder/fragments from 0.5-1', coarse gravel, loose, moist Gravelly FILL, concrete from 1-6'
			6.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			535 ppm		
			731 ppm		
10	[Diagonal hatched bar]	8-13'	516 ppm	[Dotted pattern]	Brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, brown staining, hydrocarbon-like odor, moist Brown, fine-coarse SAND w/fine-coarse gravel, loose, brown staining, heavy hydrocarbon-like odor, moist
			700 ppm		
			900 ppm		
			980 ppm		
			450 ppm		
			700 ppm		
			650 ppm		
800 ppm					
15	[Diagonal hatched bar]	13-18'	800 ppm	[Dotted pattern]	Blue-gray, fine-coarse SAND w/some fine-coarse gravel, loose, blue staining, tar/oil lenses at 15.5' and 16.5', hydrocarbon-like odor, moist
			400 ppm		
			160 ppm		
			60 ppm		
			300 ppm		
			90 ppm		
40 ppm					
20	[Solid black bar]	18-28'	37 ppm	[Dotted pattern]	Brown, fine-coarse SAND w/trace fine-coarse gravel, loose, brown staining, heavy tar/oil on liner at 18', naphthalene-like odor, moist Brown, fine-coarse SAND w/some fine-coarse gravel, loose, moderate-intermittant dark brown staining, naphthalene-like odor, moist
			130 ppm		
			110 ppm		
			110 ppm		
			50 ppm		
			90 ppm		
			90 ppm		
			70 ppm		
			118 ppm		
			170 ppm		
25	[Diagonal hatched bar]	28-33'	13 ppm	[Dotted pattern]	Tan, fine SAND w/some fine and trace coarse gravel, loose, tar blebs, slight naphthalene-like odor, moist
			23 ppm		
			27 ppm		
			30 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-86
Purpose: Soil Boring	Total Depth: 78.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 6.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
35		33-38'	30 ppm		Tan, fine SAND w/some fine and trace coarse gravel, loose, tar blebs to 31', slight naphthalene-like odor, moist	
			25 ppm			
			12 ppm			
			18 ppm			
			8.0 ppm			Same as above, tar blebs throughout
			12 ppm			
			21 ppm			
			15 ppm			
			11 ppm			Brown, fine-coarse SAND w/fine and coarse gravel, loose, tar lens at 37', slight naphthalene-like odor, moist
			16 ppm			
			13 ppm			
			25 ppm			
22 ppm						
19 ppm						
40		39-48'	1.0 ppm		Brown, fine-medium SAND, some fine gravel, trace coarse sand and gravel, loose, slight naphthalene-like odor, moist	
			2.0 ppm			
			3.0 ppm			
			4.0 ppm			
			5.0 ppm			
			5.0 ppm			
50		48-53'	0.0 ppm		Orange brown, fine-medium SAND w/trace fine gravel, loose, moist	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
55		53-58'	0.0 ppm		Orange brown, fine-medium SAND w/some fine and coarse gravel, loose, moist	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
60		58-63'	0.0 ppm		Same as above, no gravel	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65		63-68'	0.0 ppm		Brown-orange, fine SAND w/some medium sand, medium dense, moist	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
68-73'		68-73'	0.0 ppm		Gray-brown, fine-medium SAND, trace fine gravel, medium dense, moist	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Elevation: 23.58'

Datum: Mean Sea Level

Logged By: Taziva, Fox

Drilling Method: Hand Augered 0-5', Geoprobe 5-70'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5	[Solid black bar]	0-5'	0.0 ppm	[Vertical lines]	Dark brown, TOPSOIL
			0.0 ppm		Brown, silty SAND w/gravel, cohesive, moist
			0.0 ppm		Brown, SAND w/silt and gravel, loose, moist
			0.0 ppm		Brown, medium-coarse SAND w/gravel, loose, wet
		5-7'	0.0 ppm	[Dotted pattern]	Light brown, medium-coarse SAND, loose, moist
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
		7-11'	1.2 ppm	[Dotted pattern with circles]	Light brown, coarse SAND and GRAVEL, loose, wet
			0.6 ppm		
			11.1 ppm		
			22.4 ppm		
10	[Diagonal hatched bar]	11-15'	1.1 ppm	[Dotted pattern with circles]	Brown-gray, coarse-very coarse SAND, little gravel, loose, slight staining, mild hydrocarbon-like odor, wet
			0.6 ppm		
			0.4 ppm		
			0.2 ppm		
		15-19'	0.6 ppm	[Dotted pattern with circles]	Dark gray-gray, very coarse SAND, GRAVEL, loose, dark gray staining from 15-15.5', mild hydrocarbon-like odor, wet
			2.0 ppm		
			0.6 ppm		
			0.6 ppm		
		19-23'	0.3 ppm	[Dotted pattern with circles]	White, coarse SAND, little fine gravel, loose, slight naphthalene-like odor, wet
			0.6 ppm		
			0.6 ppm		
			0.7 ppm		
23-27'	0.4 ppm	[Dotted pattern with circles]	White, coarse-very coarse SAND, some gravel, loose, mild naphthalene-like odor, wet		
	0.6 ppm				
	0.6 ppm				
	0.6 ppm				
25	[Diagonal hatched bar]	28-32'	0.0 ppm	[Dotted pattern with circles]	Light brown, medium-coarse SAND, little gravel, loose, mild naphthalene-like odor, wet
			1.2 ppm		
			3.0 ppm		
			0.5 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-87
Purpose: Soil Boring	Total Depth: 70.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32-36'		32-36'	0.0 ppm		Light brown, coarse SAND, loose, mild naphthalene-like odor, wet (liner jammed, composite sample placed in plastic bag, headspace PID)
36-40'		36-40'	2.3 ppm		Light brown, coarse-very coarse SAND, little fine gravel, loose, moderate naphthalene-like odor, wet (liner jammed, composite sample placed in plastic bag, headspace PID)
40-44'		40-44'	3.2 ppm		Light brown, medium SAND, loose, moderate naphthalene-like odor, wet (liner jammed, composite sample placed in plastic bag, headspace PID)
44-48'		44-48'	0.6 ppm		Light brown, medium SAND, some coarse sand, trace fine gravel, loose, moderate naphthalene-like odor, wet (liner jammed, composite sample placed in plastic bag, headspace PID)
48-52'		48-52'	9.6 ppm 11.2 ppm 7.5 ppm 6.7 ppm 3.4 ppm 2.1 ppm		Light brown, coarse SAND, little gravel, loose, moderate naphthalene-like odor, wet
52-56'		52-56'	1.1 ppm 0.7 ppm 3.2 ppm		Light brown, medium SAND, loose, mild naphthalene-like odor, wet
56-60'		56-60'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
60-64'		60-64'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, well sorted
64-68'		64-68'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium SAND, well sorted, slightly dense, mild naphthalene-like odor, wet
68-70'		68-70'	0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium SAND, dense, mild naphthalene-like odor, wet Base of boring - 70 ft.



Site Id: BBSB-88

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/04/02 - 04/04/02

Total Depth: 72.00'

Remarks: Samples selected for analysis at 10-12', 20-22', 50-52', and 70-72'.

Elevation: 20.10'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

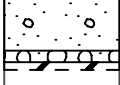
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm		Dark brown, sandy TOPSOIL, some silt, some clay, little gravel, roots
			0.0 ppm		
4-8'		4-8'	0.0 ppm		Brown, coarse SAND, some gravel, loose, moist
			0.0 ppm		
8-12'		8-12'	0.0 ppm		Brown, coarse SAND, some gravel, shiny luster on sand from 7-8', strong gasoline/petroleum-like odor, moist (wet at 7')
			0.0 ppm		
12-16'		12-16'	0.0 ppm		Brown, coarse SAND, some gravel, loose, gray-black staining from 10-12', strong naphthalene-like odor, solvent-like odor, wet
			1.4 ppm		
16-20'		16-20'	20 ppm		Brown, coarse SAND, some gravel, loose, patches of gray-black discoloration, organic (H2S-like) odor
			81.0 ppm		
20-24'		20-24'	30 ppm		Gray-black, coarse SAND, some fine gravel, loose, organic (H2S-like) odor, wet
			14 ppm		
24-28'		24-28'	6.0 ppm		Light brown, medium SAND, trace gravel, loose, 4" tar lens at 20.5' with naphthalene-like odor, wet
			4.2 ppm		
28-32'		28-32'	5.6 ppm		Brown, coarse SAND, some gravel, loose, slight-moderate naphthalene-like odor, wet
			6.9 ppm		
			4.2 ppm		Same as above, little gravel, mild naphthalene-like odor

Location: Bay Shore/Brightwaters		Site Id: BBSB-88
Purpose: Soil Boring		Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm		Brown, coarse SAND, little gravel, loose, mild naphthalene-like odor, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-40'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		40-44'	0.5 ppm		Brown, medium-coarse SAND, trace gravel, loose, 1" lens of orange brown staining at 42.5', moderate naphthalene-like odor, wet
			0.5 ppm		
			1.0 ppm		
			0.4 ppm		
			0.3 ppm		
			0.2 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		44-48'	4.2 ppm		Light brown, medium SAND, trace gravel, loose, moderate naphthalene-like odor, wet
			3.7 ppm		
			6.2 ppm		
			7.2 ppm		
			6.0 ppm		
			6.4 ppm		
			5.8 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		48-52'	0.0 ppm		Brown, medium SAND, well sorted, loose, moderate naphthalene-like odor, wet
			0.0 ppm		
			5.5 ppm		
			2.1 ppm		
			6.7 ppm		
			7.6 ppm		
			4.2 ppm		
			6.7 ppm		
			6.7 ppm		
			5.4 ppm		
60		52-56'	6.7 ppm		Brown, medium SAND, loose, moderate naphthalene-like odor, wet
			6.7 ppm		
			6.7 ppm		
			6.2 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		56-60'	0.0 ppm		Same as above, well sorted, mild naphthalene-like odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		60-64'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		64-68'	0.0 ppm		Brown, medium SAND, micaceous, well sorted, slightly dense, mild-moderate naphthalene-like odor, wet
			0.0 ppm		
			4.7 ppm		
			5.5 ppm		
			4.2 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		68-72'	6 ppm		Gray-whitish, fine-medium SAND (68-71.5'), slightly dense, moderate-strong naphthalene-like odor, wet
			7 ppm		
			2.1 ppm		
			22.1 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-88
Purpose: Soil Boring	Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75			18 ppm 4 ppm 47 ppm 113 ppm		Rounded GRAVEL, gray clay, some silt, to dk gray CLAY, saturated with brown tar, tar staining, strong naphthalene-like odor Base of boring - 72 ft.
80					
85					
90					
95					
100					
105					

Elevation: 21.77'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	[Solid Black]	0-4'	0.0 ppm	[Diagonal Hatching]	Brown TOPSOIL, grass, to brown, fine SAND, some clay, some silt, trace gravel, moist
			0.0 ppm		
4-8'	[Solid Black]	4-8'	0.0 ppm	[Dotted]	Brown, coarse SAND, some gravel, loose, moist Same as above, light brown, wet
			0.0 ppm		
8-12'	[Solid Black]	8-12'	0.0 ppm	[Dotted]	White, coarse SAND, some gravel, loose, shiny luster in sand, moderate-strong hydrocarbon-like odor (10-12'), wet
			0.0 ppm		
12-16'	[Solid Black]	12-16'	3.1 ppm	[Dotted]	White, coarse-very coarse SAND, some fine gravel, loose, patches of minor pale green staining, strong odor - possibly hydrocarbon-like, wet
			2.7 ppm		
16-20'	[Diagonal Hatching]	16-20'	2.1 ppm	[Dotted]	Gray/white, coarse SAND and GRAVEL, loose, moderate hydrocarbon-like odor, wet
			2.1 ppm		
20-24'	[Solid Black]	20-24'	0.6 ppm	[Dotted]	Brown, coarse SAND, some gravel, loose, moderate hydrocarbon-like odor, wet
			0.7 ppm		
24-28'	[Solid Black]	24-28'	0.8 ppm	[Dotted]	Brown, coarse SAND, trace gravel, loose, moderate naphthalene-like odor, wet
			0.4 ppm		
28-32'	[Solid Black]	28-32'	0.7 ppm	[Dotted]	Same as above
			0.4 ppm		
			0.6 ppm		
			0.9 ppm		
			1.3 ppm		
			1.8 ppm		
			2.4 ppm		

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description					
35		32-36'	1.2 ppm		Brown, coarse SAND, trace gravel, loose, mod naphthalene-like odor, wet					
			1.8 ppm							
			2.8 ppm							
			3.2 ppm							
			3.1 ppm							
			40				36-40'	3.1 ppm		Same as above, trace gravel
								2.9 ppm		
								4.5 ppm		
								4.2 ppm		
								7.3 ppm		
6.9 ppm										
4.2 ppm										
45		40-44'		1.6 ppm				Brown, coarse SAND, little gravel, loose, moderate naphthalene-like odor, wet		
				0.4 ppm						
				0.6 ppm						
			1.4 ppm							
			0.8 ppm							
			1.8 ppm							
			1.1 ppm							
			50			44-48'	5.1 ppm			Brown, medium-coarse SAND, loose, mottled orange brown staining, moderate naphthalene-like odor, wet
							6.5 ppm			
							3.4 ppm			
2.9 ppm										
8.0 ppm										
6.0 ppm										
7.9 ppm										
10.3 ppm										
55		48-52'			3.1 ppm			Brown, medium SAND, well sorted, loose, moderate naphthalene-like odor, wet		
					2.7 ppm					
			3.6 ppm							
			6.7 ppm							
			8.1 ppm							
			6.2 ppm							
			6.4 ppm							
			3.3 ppm							
			60		52-56'	1.1 ppm				Brown, medium SAND, loose, moderate naphthalene-like odor, wet
						5.0 ppm				
4.9 ppm										
3.8 ppm										
3.2 ppm										
3.2 ppm										
0.3 ppm										
65		56-60'				0.0 ppm		Same as above		
						0.0 ppm				
						0.5 ppm				
			0.6 ppm							
			0.3 ppm							
			0.8 ppm							
			70		60-64'	0.6 ppm				Same as above, no odor
						0.5 ppm				
						0.7 ppm				
						0.8 ppm				
0.0 ppm										
0.0 ppm										
75		64-68'				0.0 ppm		Brown, medium SAND, well sorted, loose, slight mottled orange brown staining, wet		
						0.0 ppm				
						0.0 ppm				
						0.0 ppm				
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			0.0 ppm							
			80		68-70'	0.0 ppm				Brown, medium SAND, dense, wet
						0.0 ppm				
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										
0.0 ppm										

Location: Bay Shore/Brightwaters	Site Id: BBSB-89
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	16 ppm		Gray, fine SAND, little gravel, slightly dense, moderate-strong naphthalene-like odor, wet
			18 ppm		
		72-76'	17 ppm		Gray-black, CLAY, little silt, slightly dense-loose, clay is soft, wet
			0.0 ppm		
			0.0 ppm		Gray, silty SAND, micaceous, loose, wet
			0.0 ppm		
75			0.0 ppm		Base of boring - 76 ft.
			0.0 ppm		
80			0.0 ppm		
85			0.0 ppm		
90			0.0 ppm		
95			0.0 ppm		
100			0.0 ppm		
105			0.0 ppm		



Site Id: BBSB-90

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/08/02 - 04/09/02

Total Depth: 74.00'

Remarks: Samples selected for analysis at 8-10', 12-14', 48-50', and 72-74'.

Elevation: 20.82'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5 10 15 20 25		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		ASPHALT (0-.5')
		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 24.1 ppm		Brown, fine-medium sandy FILL, some clay, little silt, trace gravel, loose, trace ash and cinders, moist Brown/tan, coarse sandy FILL, some gravel, trace brick debris, loose, moist Brown, fine-medium SAND, little silt, trace clay, moist (wet at 7'), to coarse SAND and GRAVEL with gray staining, sheen and hydrocarbon-like odor
		8-12'	46 ppm 83 ppm 30 ppm 16 ppm 4.2 ppm 4.1 ppm		Gray, coarse SAND, some gravel, loose, saturated with NAPL, gray staining, yellowish staining on gloves, sheen, strong gasoline/petroleum-like odor, wet
		12-16'	2.6 ppm 2.7 ppm 2.4 ppm 2.1 ppm 0.9 ppm 0.8 ppm		Gray, medium-coarse SAND, little gravel, loose, gray discoloration/staining, moderate hydrocarbon-like odor, wet
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, coarse, some gravel, slight hydrocarbon-like odor Brown/light brown, coarse SAND, some gravel, loose, wet
		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, mild hydrocarbon-like odor
		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above

Location: Bay Shore/Brightwaters

Site Id: BBSB-90

Purpose: Soil Boring

Total Depth: 74.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.0 ppm		Brown/lt brown, coarse SAND, some gravel, loose, mild hydrocarbon-like odor, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-40'	0.0 ppm		Same as above, no odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		40-44'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		44-48'	0.0 ppm		Brown, medium-coarse SAND, trace gravel, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		48-52'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		52-56'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		56-60'	0.0 ppm		Brown, medium SAND, well sorted, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		60-64'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		64-66'	0.0 ppm		No recovery - sample washed out
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		66-68'	0.0 ppm		Brown, medium SAND, well sorted, slightly dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
85		68-70'	0.0 ppm		Brown, medium SAND, slightly dense, some mottled orange brown discoloration, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
90			0.0 ppm		Brown, medium-coarse SAND, slightly dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Bay Shore/Brightwaters	Site Id: BBSB-90
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		70-72'	0.0 ppm		Brown, medium-coarse SAND, slightly dense, wet
		72-74'	0.0 ppm		Brown, coarse SAND and GRAVEL, dense, wet
			0.0 ppm		Gray, CLAY, some silt, dense, wet
			0.0 ppm		Gray, silty SAND, dense, wet
			0.0 ppm		Base of boring - 74 ft.



Site Id: BBSB-91
Location: Bay Shore/Brightwaters
Purpose: Soil Boring
Date(s): 04/09/02 - 04/09/02
Total Depth: 24.00'
Remarks: Samples selected for analysis at 10-12' and 22-24'.

Elevation: 21.91'
Datum: Mean Sea Level
Logged By: Innocent Taziva
Drilling Method: Geoprobe
Contractor: Zebra Environmental
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description		
		0-4'	0.0 ppm 0.0 ppm		Black, FILL, ash, trace cinders, trace brick debris		
		4-8'	0.0 ppm 0.0 ppm		Brown, fine sandy FILL, some silt and clay, trace gravel, trace brick debris, loose, moist		
		8-12'	0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, moist		
		12-16'	0.0 ppm 0.0 ppm		Brown/tan, coarse SAND, some gravel, loose, gray-black staining from 9-12' (not pervasive), hydrocarbon-like odor, wet		
		16-20'	0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet		
		20-24'	0.0 ppm 0.0 ppm		Same as above		
		Base of boring - 24 ft.					



Site Id: BBSB-92

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/09/02 - 04/09/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 20-22'.

Elevation: 22.52'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	Black	0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Black, med-coarse sandy FILL w/gravel, coal and clinker fragments, loose
4	Black	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light orange brown, sandy CLAY w/trace fine gravel, slightly plastic, moist, to light orange brown, medium-coarse SAND w/fine gravel, loose, dry
8	Black	8-12'	98.9 ppm 201 ppm 37 ppm 7.5 ppm		Light brown, fine-medium-coarse SAND w/fine gravel, loose, dry-wet at 6'
12	Black	12-16'	0.0 ppm 0.0 ppm 0.0 ppm		Light brown, medium-coarse SAND w/fine gravel, loose, grayish black staining with strong hydrocarbon-like odor from 8.5-9.5', wet
16	Black	16-20'	0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-medium-coarse SAND w/fine-coarse gravel, loose, wet
20	Black	20-24'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
21.1	Black	21.1'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above, coarse sand and fine-coarse gravel lens at 21.1'
24	Black	24'			Base of boring - 24 ft.



Site Id: BBSB-93

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/10/02 - 04/10/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 6-8' and 18-20'.

Elevation: 22.58'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0		0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Dark gray-black, FILL, trace brick debris, ash and cinders Brown, coarse SAND and GRAVEL, moist
5		4-8'	0.0 ppm 0.0 ppm 67 ppm 216 ppm 543 ppm 274 ppm 8.3 ppm		Brown/whitish, coarse SAND, some gravel, loose, gray-black staining from 6-7.5', gray staining from 5-7.5', shiny luster, very strong petroleum/gasoline-like odor, moist (wet at 6')
10		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, moist
15		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, wet
20		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
25		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24					Base of boring - 24 ft.



Site Id: BBSB-94

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/10/02 - 04/10/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 10-12' and 18-20'.

Elevation: 21.68'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	Black	0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Black-gray, FILL, fine sand, silt, ash/cinders, debris
4	Black	4-8'	10.7 ppm 6.7 ppm 113 ppm	Whitish, coarse SAND, some gravel, loose, gray-black staining throughout, staining is heavy from 5-5.5', strong petroleum/gasoline-like odor, moist	
8	Black	8-12'	6.1 ppm 135 ppm 509 ppm 399 ppm 184 ppm 54 ppm 2.0 ppm	Gray, coarse SAND, some gravel, loose, heavy gray-black staining from 9-10.5', shiny luster, strong petroleum/gasoline-like odor, moist-wet	
12	Black	12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, coarse SAND, some gravel, loose, wet	
16	Black	16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above	
20	Black	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above	
24	Black				Base of boring - 24 ft.



Site Id: BBSB-95

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/16/02 - 04/16/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 18-20'.

Elevation: 20.66'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, FILL, topsoil, ash, cinders, brick debris	
					Brown, coarse SAND, some gravel, loose, dry	
					Brown, fine-med SAND, some silt, little clay, trace gravel, loose, wet at 2.5'	
					Brown, coarse SAND and GRAVEL	
	5		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 4.6 ppm		Gray, CLAY, some silt, dense, to gray, coarse SAND, loose, slight gray-black staining, moderate petroleum-like odor, wet
						Gray-brown, coarse SAND and GRAVEL, loose, slight gray discoloration from 8-10', slight petroleum-like odor, wet
	10		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
						Grayish/brown, medium-coarse SAND, little gravel, loose, organic (H2S-like) odor, wet
	15		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
						Brown, medium-coarse SAND, little gravel, loose, creamish discoloration, wet
			16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
	20		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
25					Base of boring - 24 ft.	



Site Id: BBSB-96

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/16/02 - 04/16/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 18-20'.

Elevation: 20.94'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	0.0 ppm 0.0 ppm				FILL, black ash and cinders Brown, medium-coarse sandy FILL, little gravel, little clay and silt, loose
4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				FILL, medium-coarse sand, gravel, silt, some clay, ash, cinders, brick debris
8-12'	34 ppm 66 ppm 230 ppm 10.6 ppm 0.0 ppm 0.0 ppm				Brown, coarse SAND and GRAVEL, little silt/clay, loose, strong petroleum-like odor, wet Gray, CLAY, some silt, elastic, dense, slight hydrocarbon-like odor
12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				Brown, coarse SAND and GRAVEL, loose, wet Brown, medium-coarse SAND, some gravel, loose, wet
16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				Pale brown/whitish, medium-coarse SAND, little gravel, loose, minor creamish discoloration, wet
20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm				Same as above
24'					Base of boring - 24 ft.



Site Id: BBSB-97

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/18/02 - 04/18/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 22-24'.

Elevation: 22.34'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	0	0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		FILL, black ash and cinders (0-1'), to brown, fine-med sandy FILL, little silt and clay, trace gravel, trace brick debris, loose, dry
4	4	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel
8	8	8-12'	8.0 ppm 11.0 ppm 7.0 ppm 5.0 ppm 3.0 ppm		Brown, coarse SAND, some gravel, loose, wet
12	12	12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-black, coarse SAND, some gravel, loose, moderate gray-black staining, moderate hydrocarbon-like odor, wet
16	16	16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
20	20	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24	24				Base of boring - 24 ft.



Site Id: BBSB-98

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/18/02 - 04/18/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 22-24'.

Elevation: 21.53'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, fine sandy FILL, some silt, trace gravel, trace brick debris
		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 107 ppm		Brown, coarse SAND, some gravel Brown, coarse SAND, some gravel, loose, gray staining/discoloration from 6.5-7', strong hydrocarbon/petroleum-like odor, wet at 7'
		8-12'	46 ppm 56 ppm 22 ppm 24 ppm 19.5 ppm 38 ppm		Gray-black, medium-coarse SAND, little gravel, loose, gray-black staining, shiny luster, strong petroleum-like odor, wet
		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND and GRAVEL, loose, wet
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		24'			Base of boring - 24 ft.



Site Id: BBSB-99

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/18/02 - 04/18/02

Total Depth: 24.00'

Remarks: Samples selected for analysis at 8-10' and 22-24'.

Elevation: 21.78'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	100%	0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-dark brown, fine-medium sandy FILL, some silt, trace clay and gravel, trace concrete and brick debris, loose, moist
4	100%	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, dry/moist
8	100%	8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, slight gray staining at 7', moist
12	100%	12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-black, coarse SAND, some gravel, loose, slight gray-black staining, mild hydrocarbon-like odor, wet
16	100%	16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
20	100%	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24	100%		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
25					Base of boring - 24 ft.



Site Id: BBSB-100

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 04/18/02 - 04/18/02

Total Depth: 10.00'

Remarks: Sample selected for analysis at 8-10'. Driller encountered refusal at 10'. Driller tried four other locations and encountered refusal at all of them.

Elevation: 22.44'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description		
5 10 15 20 25	[Black bar from 0-4' and 8-10']	0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	[Graphic log symbols: dots, circles, dashes]	Brown, fine-medium sandy FILL, trace gravel, little silt and clay, little concrete and brick debris		
		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 49.7 ppm		Brown, coarse SAND, some gravel, loose, gray-black staining from 6.5-7', wet		
		8-10'	6.1 ppm 16.2 ppm 5.8 ppm 6.2 ppm		Brown, coarse GRAVEL, little coarse sand, minor gray-black staining, unidentified odor (not hydrocarbon-like), wet		
		Base of boring - 10 ft.					

Elevation: 21.97'

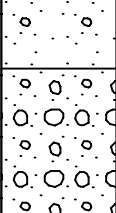
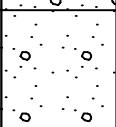
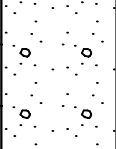
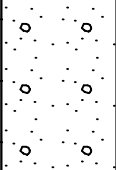
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Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse sandy FILL, some gravel, little clay and silt, some black ash and cinders, brick debris
5		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine-medium sandy FILL, coarse gravel, some angular concrete debris, little ash
			0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel
10		8-12'	0.0 ppm 46 ppm 150 ppm 241 ppm 664 ppm 564 ppm		Brown, coarse SAND and GRAVEL, little silt, trace clay, loose, gray-black staining from 10.5-11.5', strong petroleum/hydrocarbon-like odor, shiny luster on sands, wet
15		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel
20		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
25					Base of boring - 24 ft.

Elevation: 21.23'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium sandy FILL, topsoil, some silt, little clay, trace gravel, trace brick debris
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, moist Brown, coarse SAND, little gravel, loose, slight hydrocarbon-like odor at 8', moist (wet at 7')
8-12'			34 ppm 87 ppm 158 ppm 75.0 ppm 58 ppm 37 ppm		Gray, coarse SAND, some gravel, loose, gray staining, strong hydrocarbon-like odor, shiny luster, wet
12-16'			26 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Black, coarse SAND, heavy black staining, organic (H ₂ S-like)/hydrocarbon-like odor Brown, coarse SAND and GRAVEL, loose, wet
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24'					Base of boring - 24 ft.

Elevation: 20.34'


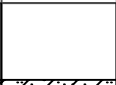



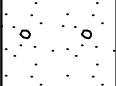

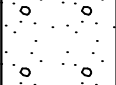

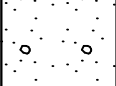


Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-gray, fine-medium sandy FILL, topsoil, some silt, some clay, trace gravel, some ash and cinders
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, some silt, some clay, moist Brown, coarse SAND, some gravel Same as above, moist (wet at 7')
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse-very coarse SAND, little gravel, loose, wet
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
24					Base of boring - 24 ft.

Elevation: 20.34'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, FILL, silty matrix w/vesicular slag, some coarse sand, trace fine gravel, loose, dry
4		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, sandy SILT w/some fine gravel, semi-plastic, moist
5			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/fine gravel, medium dense, moist
8		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, CLAY, soft, plastic, moist
10			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown-brown, SAND w/fine gravel and some coarse gravel, loose, wet
12		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet
15		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine gravelly fine-coarse SAND, loose, wet
20					Base of boring - 20 ft.



Site Id: BBSB-105

Location: Bay Shore/Brightwaters

Purpose: Soil Boring

Date(s): 05/20/02 - 05/21/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 8-10', 16-18', 68-70', and 72-74'.

Elevation: 0.00'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Hand Augered 0-5', Geoprobe 5-76'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-5'			105 ppm		Tan, fine-coarse SAND w/some fine gravel, loose, hydrocarbon-like odor, moist (composite sample)
5-8'			0.0 ppm 0.0 ppm 44 ppm 81 ppm 55 ppm 63 ppm 48 ppm 80 ppm 49 ppm 112 ppm 25 ppm 58 ppm		Brown, fine-coarse SAND w/some fine gravel, slight clay lens at 6.5', loose, hydrocarbon-like odor, wet at 6'
8-12'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Black-gray-brown, fine-coarse SAND, loose, black staining from 8-9', heavy hydrocarbon-like odor, wet
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine-coarse SAND w/some fine gravel, loose, black staining from 14.5-15', slight hydrocarbon-like odor, wet
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Black-gray-brown, fine-coarse SAND w/some fine gravel, loose, black staining from 16-17.5', slight hydrocarbon-like odor, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, loose, wet
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/trace fine gravel, loose, wet
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, wet

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, wet
32-36'		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, wet
36-40'		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, loose, wet
40-44'		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
44-48'		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, trace coarse sand and fine gravel, loose, wet
48-52'		48-52'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet
52-56'		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, wet
56-60'		56-60'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
60-64'		60-64'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, natural orange Fe-oxide discoloration, very slight naphthalene-like odor, wet
64-68'		64-68'	0.0 ppm 0.0 ppm 0.0 ppm		Brown-orange brown, fine SAND, dense, wet
68-72'		68-72'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, dense, naphthalene-like odor, wet

Location: Bay Shore/Brightwaters

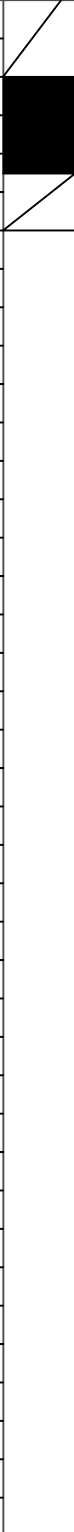

Site Id: BBSB-105

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75 80 85 90 95 100 105		72-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		<p>Brown, fine gravelly fine-coarse SAND, medium dense, wet, to CLAY</p> <p>Black-gray, silty very fine SAND, dense</p> <p>Base of boring - 76 ft.</p>



Site Id: WCSB-37

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/01/02 - 03/04/02

Total Depth: 75.00'

Remarks: Samples selected for analysis at 8-10', 21-23', 45-47', and 73-75'.

Elevation: 19.48'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-4', Geoprobe 4-75'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'					Dark gray, medium sandy FILL, little silt, trace gravel (composite sample)
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 10.4 ppm 14.1 ppm 19.0 ppm		Brown, fine-medium sandy FILL, some silt, trace clay, little gravel, little brick debris, loose, slight hydrocarbon-like odor, dry
8-12'			0.2 ppm 8.9 ppm 12.1 ppm 4.4 ppm 5.1 ppm 3.6 ppm		Dark brown, CLAY, plastic, plant material, staining, saturated with tar, hydrocarbon-like odor, wet, to gray, coarse SAND, some gravel, strong hydrocarbon-like odor, saturated with tar
12-16'			0.3 ppm 1.2 ppm 1.3 ppm 1.0 ppm		Gray-brown, coarse SAND w/some rounded gravel, gray discoloration, sheen, saturated with NAPL, strong hydrocarbon-like odor
16-20'			0.3 ppm 0.4 ppm 0.4 ppm 0.3 ppm		Brown/light brown, coarse SAND w/some fine gravel, loose, brown (iodine color) tar lens at 12', gray and brown tar from 13-13.5', wet
20-24'			0.2 ppm 0.3 ppm 0.2 ppm 0.2 ppm 0.3 ppm		Light brown, coarse SAND, loose, hydrocarbon-like odor, saturated with NAPL, wet
24-28'			0.2 ppm 0.2 ppm 1.4 ppm 0.5 ppm 1.0 ppm 0.3 ppm		Light brown, coarse SAND, little gravel, loose, brownish tar lens at 16', black tar lens at 17', hydrocarbon-like odor, wet
28-32'			0.5 ppm 0.3 ppm 0.3 ppm 0.4 ppm		Light brown, coarse SAND, little rounded gravel, loose, black nodular tar lens at 21.5', slight hydrocarbon-like odor, wet
					Reddish brown, fine-medium SAND, staining, sheen, slight hydrocarbon-like odor
					Brown-dark brown, medium-coarse SAND, little fine gravel, loose, staining, blackish brown blebs from 24-26', wet
					Light brown-brown, medium-coarse SAND, loose, sheen, hydrocarbon-like odor, wet
					Brown, medium-coarse SAND, little rounded gravel, loose, sheen, trace tar blebs, wet

Location: Watchogue Creek	Site Id: WCSB-37
Purpose: Soil Boring	Total Depth: 75.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	0.3 ppm		Brown, m-c SAND, little rounded gravel, loose, sheen, trace tar blebs, wet
			0.8 ppm		Brown, fine-medium SAND, little fine gravel, loose, minor brown staining, wet
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
			0.7 ppm		
40		36-40'	0.7 ppm		Brown-tan, fine-medium SAND, some fine-medium gravel, loose, sheen, wet
			0.7 ppm		
			0.7 ppm		
			0.9 ppm		
			1.4 ppm		
			1.4 ppm		
45		40-44'	0.0 ppm		Brown, medium-coarse SAND, little fine gravel, some intermittent black blebs, slight hydrocarbon-like odor
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.1 ppm		
50		44-48'	0.0 ppm		Light brown, fine-medium-coarse SAND, little fine gravel, loose, sheen, slight hydrocarbon-like odor, wet
			0.0 ppm		
			0.0 ppm		
			0.1 ppm		
			0.1 ppm		
			0.1 ppm		
55		48-52'	0.0 ppm		Brown, fine-medium SAND, little fine gravel, loose, sheen and slight hydrocarbon-like odor at 51', wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		52-56'	6.8 ppm		Brown/orange brown, medium SAND, well sorted, loose, sporadic-intermittant black nodular blebs from 53.5-54.5', sheen, wet
			24.3 ppm		
			15.7 ppm		
			14.7 ppm		
			11.2 ppm		
			14.6 ppm		
			10.6 ppm		
			10.5 ppm		
			10.2 ppm		
			10.2 ppm		
			10.2 ppm		
			10.2 ppm		
65		56-60'	0.0 ppm		Brown-orange brown, fine-medium SAND, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		60-64'	0.0 ppm		Brown, medium SAND, well sorted, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		64-68'	0.0 ppm		Brown, fine-medium SAND, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		68-72'	0.0 ppm		Gray/light gray, medium-coarse SAND, little rounded gravel, loose, lenses of orange/reddish brown discolored sand at 69' and 70', wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		

Location: Watchogue Creek	Site Id: WCSB-37
Purpose: Soil Boring	Total Depth: 75.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
73		73-75'	0.0 ppm		Gray/light gray, medium-coarse SAND, little rounded gravel, loose, wet
75			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, CLAY, some silt, trace very fine sand, plastic, slightly dense, wet, to dark gray, silty CLAY, little fine sand, hard, crumbly Base of boring - 75 ft.
80					
85					
90					
95					
100					
105					



Site Id: WCSB-38

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/01/02 - 03/04/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 4-6', 13-15', 48-50', and 72-74'.

Elevation: 19.27'

Datum: Mean Sea Level

Logged By: William J. Ryan

Drilling Method: Hand Augered 0-4', Geoprobe 4-76'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-4'			Brown, sandy TOPSOIL w/fine-coarse gravel, loose, dry (composite sample)
5		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, fragments of asphalt-like tar (4-4.5') Brown-dark brown, PEAT w/clay, sandy clay and fine gravel, loose-slightly plastic, organic (H2S-like) odor, moist (wet at 5')
10		8-12'	1.8 ppm 23 ppm 37 ppm 29.4 ppm 9.6 ppm 16.5 ppm 36.7 ppm		Light gray, medium-coarse SAND w/fine-coarse gravel, loose, sheen, saturated with low viscosity oil/tar, mild naphthalene-like odor, wet Orange brown, med-coarse SAND w/fine gravel, loose, light brown tar staining, heavier staining (10-11.5'), moderate naphthalene-like odor, wet
15		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 31.0 ppm 14.5 ppm		Lt orange brown, med-coarse SAND w/fine gravel, loose, moderate tar staining, slightly coarser sand from 14-14.5 w/heavy tar staining that is darker and more viscous than above, lt-dk brown tar staining on bottom 1' of liner, moderate naphthalene-like odor, wet
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown and red, medium-coarse SAND w/fine gravel, loose, wet
20		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
25		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, trace fine gravel, loose, wet

Location: Watchogue Creek

Site Id: WCSB-38

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, trace fine gravel, loose, wet
		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, coarse sand from 34.5-35', loose, wet
35			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, loose, wet
			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Red, fine-medium-coarse SAND, loose, wet
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, trace fine gravel
			0.0 ppm 0.0 ppm 0.0 ppm		
		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
45			0.0 ppm 0.0 ppm 0.0 ppm		
		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Red, fine-medium SAND, trace fine gravel, loose, wet
50			0.0 ppm 0.0 ppm 0.0 ppm		
		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brownish-orange, fine-medium SAND, loose, wet
55			0.0 ppm 0.0 ppm 0.0 ppm		
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
			0.0 ppm 0.0 ppm 0.0 ppm		
		60-64'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
60			0.0 ppm 0.0 ppm 0.0 ppm		
		64-68'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown-orange brown, fine-medium SAND, loose, wet
65			0.0 ppm 0.0 ppm 0.0 ppm		
			0.0 ppm 0.0 ppm 0.0 ppm		Light gray-brown, medium-coarse SAND, loose, wet
		68-72'	0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-medium SAND, loose, wet
			0.0 ppm 0.0 ppm		Gray, fine SAND, some silt, slightly dense, wet

Location: Watchogue Creek	Site Id: WCSB-38
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		72-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		<p>Gray, fine SAND, some silt, slightly dense, wet</p> <p>Gray, silty SAND and rounded gravel, loose, wet</p> <p>Rounded fine-medium GRAVEL, wet</p> <p>Gray, CLAY, some silt, trace sand, hard</p> <p>Gray, CLAY and silt w/some-little very fine sand, slightly dense</p> <p>Base of boring - 76 ft.</p>

Elevation: 19.18'

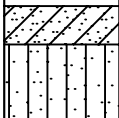
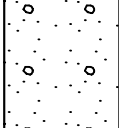
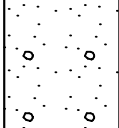
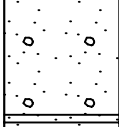
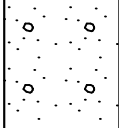
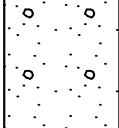
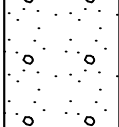
Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-5', Geoprobe 5-76'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-5'			.5' of ASPHALT/bluestone paving
5		5-8'	34 ppm 24 ppm 26 ppm 24 ppm 11 ppm		Gray, silty fine SAND w/clay, trace gravel, roots, loose, coated w/gray tar, wet, to gray-lt brown, coarse SAND, some-little silt, some gravel, little clay, coated w/tar, hydrocarbon-like odor, wet
10		8-12'	31 ppm 24 ppm 10 ppm 8.0 ppm 2.0 ppm 1.0 ppm 1.2 ppm 1.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-brown, coarse SAND, some rounded gravel, little silt, gray tar staining from 8-10', hydrocarbon-like odor, loose, wet
15		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, coarse-very coarse SAND, some rounded gravel, loose, reddish brown hydrocarbon-like staining from 13.5-14', wet
20		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse-very coarse SAND, fine gravel lens w/black nodular magnetite crystals at 18.5', loose, sporadic orange brown staining, wet
25		20-24'	0.0 ppm 1.2 ppm 1.6 ppm 2.8 ppm 3.8 ppm		Light brown-gray, medium-coarse SAND (18.5-19'), loose, wet Brown, coarse SAND, some-little rounded gravel, loose, dk brown hydrocarbon-like staining from 21-22.5', very slight hydrocarbon-like odor, wet
30		24-28'	0.0 ppm 2.3 ppm 4.0 ppm 5.8 ppm 5.6 ppm 5.4 ppm		Brown, coarse SAND, some-little fine rounded gravel, loose, sporadic dark brown hydrocarbon-like staining, wet
35		28-32'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some-little rounded gravel, loose, wet

Location: Watchogue Creek	Site Id: WCSB-39
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Brown, coarse SAND, some-little rounded gravel, loose, wet
		32-36'	0.0 ppm		Same as above, little gravel
35			0.0 ppm		
		36-40'	0.0 ppm		Brown, coarse SAND, trace-little fine-medium sand, little gravel, loose, minor hydrocarbon-like staining at 37.5', wet
40			0.0 ppm		
		40-44'	0.0 ppm		Brown, coarse SAND, trace-little fine rounded gravel, loose, wet
45			0.0 ppm		
		44-48'	0.0 ppm		Light brown-grayish, coarse SAND, trace gravel, loose, wet
50			0.0 ppm		
		48-52'	0.0 ppm		Light brown, medium-coarse SAND, trace fine gravel, loose, wet
55			0.0 ppm		
		52-56'	0.0 ppm		Light brown, medium SAND, loose, sporadic blebs of dark brown hydrocarbon-like staining from 54-56', wet
60			0.0 ppm		
		56-60'	0.0 ppm		Brown, medium SAND, well sorted, loose, sporadic blebs of dark brown hydrocarbon-like staining, wet
65			0.0 ppm		
		60-64'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		Reddish brown, medium SAND, hydrocarbon-like staining, intermittent thin tar lenses
		64-68'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		Orange brown, medium SAND, loose, wet
		68-72'	0.0 ppm		Gray-brown w/some orange brown, med SAND, trace rounded gravel, loose, wet

Location: Watchogue Creek

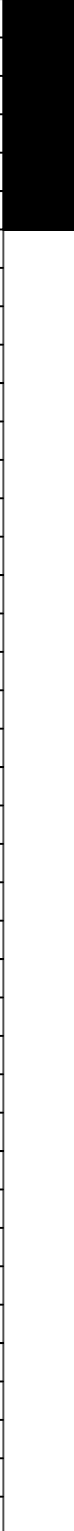

Site Id: WCSB-39

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>		<p>72-76'</p>	<p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p>		<p>Gray-brown w/some orange brown, med SAND, trace rounded gravel, loose, wet</p> <p>Gray-light gray, very fine SAND, some silt, trace clay, micaceous, loose, wet</p> <p>Dk gray/bk, CLAY, some silt, little fine sand, slightly plastic and hard, wet</p> <p>Base of boring - 76 ft.</p>

Elevation: 18.98'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0–5', Geoprobe 5–76'

Contractor: Zebra Environmental

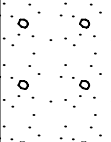

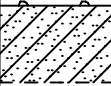

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0–5'			Dark brown, FILL, roots Dark brown–dark gray, fine–medium sandy FILL, some silt, some clay, trace gravel, roots, debris (composite sample, 0–5')
5		5–8'	1.6 ppm 21 ppm		Tan/lt brown, fine sandy FILL, some silt, trace gravel, roots, glass, moist Gray, coarse–v coarse SAND, some gravel, loose, sheen, dk brown (iodine color) hydrocarbon–like staining, strong hydrocarbon–like odor, wet
10		8–12'	11 ppm 8.0 ppm 4.0 ppm 5.0 ppm 1.0 ppm 1.0 ppm 0.0 ppm		Gray, coarse SAND, some gravel, sheen in water, hydrocarbon–like odor, wet Tan–brown (slightly olive), coarse SAND, some gravel, little clay, loose, tar lens at 10.2', hydrocarbon–like odor, wet
15		12–16'	1.0 ppm 6.0 ppm 3.1 ppm 2.1 ppm 0.0 ppm		Brown, coarse–very coarse SAND, some rounded gravel, loose, dark brown–black tar lenses at 12.7' and 13', sheen, hydrocarbon–like odor, wet
		16–20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse–very coarse SAND, some rounded gravel, loose, slight hydrocarbon–like odor at 16.5', wet
20		20–24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown (slight olive tint), coarse SAND, some gravel, loose, wet Brown, coarse SAND, little rounded gravel, loose, wet
25		24–28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, little gravel
		28–32'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, very coarse SAND and GRAVEL, loose, wet Brown, coarse SAND, little fine gravel, loose, wet

Location: Watchogue Creek	Site Id: WCSB-40
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Brown, coarse SAND, little fine gravel, loose, wet
		32-36'	0.0 ppm		Same as above, little fine rounded gravel
35					
		36-40'			Brown, medium-coarse SAND, trace fine gravel, loose, wet
40					
		40-44'			Brown, coarse SAND, trace gravel
45					
		44-48'			Brown, very coarse SAND, some rounded gravel, loose, wet
					Brown, fine-medium SAND, trace gravel, dark brown garnets, loose, wet
		48-52'			Same as above, some coarse sand, no gravel
50					
		52-56'			Brown, medium SAND, well sorted, loose, wet
55					
		56-60'			Tan-orange brown, medium SAND, micaceous, loose, minor reddish brown discoloration, wet
60					
		60-64'			Same as above
65					
		64-66'			Brown, medium SAND, well sorted, loose, wet
		66-68'			Brown, medium SAND, loose, possible slight hydrocarbon-like odor, wet
		68-70'			Gray brown, medium SAND, loose, wet

Location: Watchogue Creek	Site Id: WCSB-40
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
					Driller error - drove past 70-74'
75		74-76'	0.0 ppm		Gray, fine SAND, some silt, little-some clay, loose, wet
			0.0 ppm		Dark gray, CLAY w/silt, some fine sand, slightly hard, wet
					Base of boring - 76 ft.
80					
85					
90					
95					
100					
105					

Elevation: 18.70'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-5', Geoprobe 5-76'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-5'			0.0 ppm		Asphalt (0-.5'), to dark gray, fine-medium sandy FILL, some rounded gravel, trace brick debris, hydrocarbon-like odor, moist (composite sample)
5-8'			0.0 ppm 15 ppm 16 ppm 57 ppm 42 ppm 11 ppm		Brown/dark brown, clayey FILL, some silt, roots, wet Gray, v coarse SAND and GRAVEL to reddish brown, med SAND, trace gravel and silt, loose, coated w/NAPL, hydrocarbon-like odor, sheen, wet
8-12'			12 ppm 37 ppm 39 ppm 17 ppm 12.5 ppm		Brown, coarse SAND, little-some gravel, gravel lenses at 9.8' and 10.5', dk brown staining (8-10' and 10.5'), hydrocarbon-like odor, wet
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 6.0 ppm 7.0 ppm 5.8 ppm 12 ppm 5.0 ppm		Dk gray-brown (iodine color), v coarse SAND and f GRAVEL, saturated with tar less viscous than above, v slight hydrocarbon-like odor, wet Brown, med-coarse SAND, some-little rounded gravel, gravel lenses at 12.7' and 14', gravel coated with gray-dark gray tar from 14-14.2' and 14.5-15', slight hydrocarbon-like odor
16-20'			8.0 ppm 13 ppm 8.0 ppm 9.0 ppm 8.0 ppm 6.0 ppm		Brown-light brown-tan, coarse SAND, little rounded gravel, loose, dark brown (iodine color) staining from 16-18', coated with black tar from 17.7-18', black tar lens at 18.5', sheen, hydrocarbon-like odor, wet
20-24'			0.0 ppm 0.0 ppm 3.0 ppm 7.0 ppm 8.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, loose, slight sheen, hydrocarbon-like odor, wet Gray-dk brown (iodine color)-brown, med-coarse SAND, f gravel, sheen (less viscous tar/water mixture than above), hydrocarbon-like odor, black tar coated gravel lens at 23'
24-28'			0.0 ppm 6.0 ppm 7.8 ppm 8.0 ppm 0.0 ppm 0.0 ppm		Brown-gray-orange brown, medium-coarse SAND, little rounded gravel, loose, sheen, dark brown tar saturated gravel lens at 26', hydrocarbon-like odor from 24-25', wet
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, trace f-m sand, little rounded gravel, loose, patches of dk brown staining, slight hydrocarbon-like odor, wet

Location: Watchogue Creek	Site Id: WCSB-41
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm		Brown, coarse SAND, trace f-m sand, little rounded gravel, loose, patches of dk brown staining, slight hydrocarbon-like odor, wet
			0.0 ppm		
35		36-40'	0.0 ppm		Brown, coarse SAND, some-fine rounded gravel, loose, wet
			0.0 ppm		
40		40-44'	0.0 ppm		Brown, medium-coarse SAND, trace fine gravel, loose, wet
			0.0 ppm		
45		44-48'	0.0 ppm		Brown, coarse SAND, little fine rounded gravel
			0.0 ppm		
50		48-52'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
55		56-60'	0.0 ppm		Brown, medium SAND, well sorted
			0.0 ppm		
60		60-64'	0.0 ppm		Brown, coarse SAND, little rounded gravel, loose, dark brown hydrocarbon-like staining from 51.7-52', wet
			0.0 ppm		
65		64-66'	0.0 ppm		Driller error - drove past 52-56'
			0.0 ppm		
65		66-68'	0.0 ppm		Orange brown, medium-coarse SAND, trace gravel, loose, wet
			0.0 ppm		
68		68-70'	0.0 ppm		Same as above
			0.0 ppm		
68		70-72'	0.0 ppm		Brown, medium SAND, well sorted, loose, wet
			0.0 ppm		
68		72-74'	0.0 ppm		Same as above
			0.0 ppm		
68		74-76'	0.0 ppm		Same as above, slightly hard
			0.0 ppm		
68		76-78'	0.0 ppm		Gray, medium-coarse SAND, trace fine rounded gravel
			0.0 ppm		

Location: Watchogue Creek




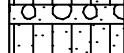



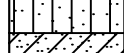

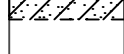


Site Id: WCSB-41

Purpose: Soil Boring

Total Depth: 76.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine SAND, some silt, trace clay, micaceous, slightly hard, wet
		72-74'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		GRAVEL w/some gray fine sand, trace gray clay
		74-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine SAND, some silt, trace-little clay, micaceous, hard, wet
75			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, little clay
			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray CLAY, silt, some gray micaceous sand, hard, wet
					Base of boring - 76 ft.
80					
85					
90					
95					
100					
105					

Elevation: 19.10'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Hand Augered 0-5', Geoprobe 5-74'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-5'					Brown, coarse sandy FILL, some silt, some-little gray clay, trace rounded gravel, ash, glass (composite sample)
5		5-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND w/some gravel, little silt
		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dk brown/black, CLAY, little silt and peat, roots, decaying organic matter, moist
			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, coarse SAND and GRAVEL, loose, slight hydrocarbon-like odor, wet
10			0.0 ppm		Brown, fine-medium SAND, loose, slight hydrocarbon-like odor, wet
		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark gray, coarse SAND, little gravel, trace clay, loose, organic (H2S-like) odor, wet
15			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, coarse SAND, little gravel, loose, wet
		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some rounded gravel, loose, wet
20		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, little fine gravel
		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, very coarse SAND, little rounded gravel, loose, hydrocarbon-like staining, wet
25			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, coarse SAND, little gravel, loose, hydrocarbon-like staining, wet

Location: Watchogue Creek

Site Id: WCSB-42

Purpose: Soil Boring

Total Depth: 74.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Dark brown, coarse SAND, little gravel, loose, hydrocarbon-like staining, wet
		32-36'	0.0 ppm		Same as above, little fine gravel
35			0.0 ppm		
		36-40'	0.0 ppm		Same as above, little gravel
40			0.0 ppm		
		40-44'	0.0 ppm		Brown, coarse SAND, little fine gravel, loose, wet
45			0.0 ppm		
		44-48'	0.0 ppm		Same as above, little gravel
50			0.0 ppm		
		48-52'	0.0 ppm		Same as above
55			0.0 ppm		
		52-56'	0.0 ppm		Brown, medium-coarse SAND, loose, wet
60			0.0 ppm		
		56-58'	0.0 ppm		Brown, medium SAND, well sorted, loose, wet
		58-60'	0.0 ppm		Same as above
		60-62'	0.0 ppm		Brown, medium SAND, loose, wet
		62-64'	0.0 ppm		Same as above
		64-66'	0.0 ppm		Same as above
65			0.0 ppm		
		66-68'	0.0 ppm		Same as above
		68-70'	0.0 ppm		Gray, coarse SAND, little-some fine gravel, loose, wet

Location: Watchogue Creek	Site Id: WCSB-42
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description	
		70-72'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm		Gray, fine-medium SAND, some silt, trace clay, micaceous
		72-74'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm		Gray, silty SAND, some gravel
			0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm		Gray, silty SAND, clay
						Base of boring - 74 ft.
75						
80						
85						
90						
95						
100						
105						

Elevation: 16.16'






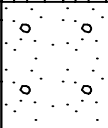

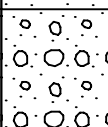



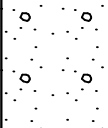

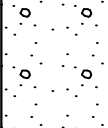

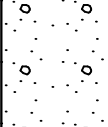
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Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Dk brown, FILL, silty matrix w/vesicular slag, glass fragments, soft, dry Brown, sandy SILT w/some fine gravel, non-plastic, wet
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Fine GRAVEL, loose, wet Orange brown-gray, fine-coarse SAND w/some fine-coarse gravel, loose, wet
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray-orange brown, gravelly fine-coarse SAND, medium dense, wet
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/fine gravel, loose-medium dense, slight dark brown discoloration, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, fine-coarse SAND w/fine gravel, medium dense, dark brown discoloration, possible hydrocarbon-like staining on gravel, wet
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, fine-coarse SAND w/fine gravel and some coarse gravel, medium dense, dark brown-black discoloration, wet
24-28'		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/some fine gravel, loose-medium dense, dark brown discoloration, wet
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/trace fine gravel, loose, slight dark brown discoloration, wet

Location: Watchogue Creek	Site Id: WCSB-43
Purpose: Soil Boring	Total Depth: 66.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Orange brown, fine-coarse SAND w/trace fine gravel, loose, slight dark brown discoloration, wet
		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/some fine gravel, loose, wet
35					
		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND w/some coarse sand and fine gravel, medium dense, wet
40					
		40-44'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
45					
		44-46'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND w/some medium sand, medium dense, moist
		46-48'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		48-52'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND, trace fine gravel, micaceous, medium dense, wet
50					
		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
55					
		56-60'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, micaceous, medium dense, moist
60					
		60-62'	0.0 ppm 0.0 ppm		Same as above
		62-64'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
		64-66'	0.0 ppm 0.0 ppm 0.0 ppm		Brown-light brown, fine SAND, micaceous, medium dense, moist
65					
					Base of boring - 66 ft.

Elevation: 17.58'

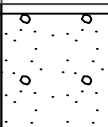
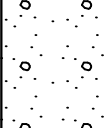
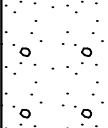
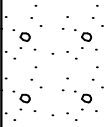
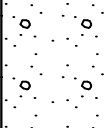
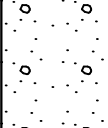
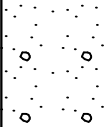
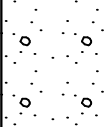
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Logged By: John Schafer

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, TOP SOIL, some fine gravel, grass Dk brown-lt orange brown, fine-med SAND w/some coarse sand, fine-coarse gravel from 0.25-1', trace gravel from 1-3', loose, moist
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown-tan, fine-coarse SAND w/some fine gravel, loose, moist
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-coarse SAND w/some fine gravel, loose, moist
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown-dark brown, fine-coarse SAND w/some fine gravel, loose, possible hydrocarbon-like staining on fine gravel, wet
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, dark brown discoloration, possible hydrocarbon-like staining on fine gravel, wet
20-24'		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown-dark brown, fine-coarse SAND w/some fine gravel, loose, brown discoloration, wet
24-28'		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-coarse SAND w/some fine gravel, loose, some dark brown discoloration, wet
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, fine-coarse SAND w/some fine gravel, loose, some dark brown discoloration, wet

Location: Watchogue Creek	Site Id: WCSB-44
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Light brown, fine-coarse SAND w/some fine gravel, loose, some dark brown discoloration, wet
32-36'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/some fine-coarse gravel, loose, reddish Fe-oxide discoloration, wet
36-40'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-coarse SAND w/some fine gravel, loose, wet
40-44'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND w/some coarse sand, some fine gravel, medium dense, wet
44-48'			0.0 ppm 0.0 ppm 0.0 ppm		Same as above
48-52'			0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND, micaceous, medium dense, wet
52-56'					No recovery
56-58'			0.0 ppm 0.0 ppm		Brown, fine SAND, medium dense, wet
58-60'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND, medium dense, wet
60-64'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, micaceous, medium dense, moist
64-68'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND w/some medium sand, micaceous, medium dense, moist
68-72'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, micaceous, medium dense, moist Gray, sandy gravelly SILT, soft, non-plastic, liquid, to black CLAY



Site Id: WCSB-45

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/15/02 - 03/21/02

Total Depth: 74.00'

Remarks: Samples selected for analysis at 6-8', 20-22', 44-45.5', and 70-72'.

Elevation: 18.44'

Datum: Mean Sea Level

Logged By: Taziva, Ryan

Drilling Method: Hand Augered 0-5', Geoprobe 5-74'

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-5'					ASPHALT paving Brown, very coarse SAND, some gravel, loose, moist (composite sample)
5-8'			0.0 ppm		Brown, coarse SAND, some rounded gravel, loose, wet
8-12'			0.0 ppm		Brown/light brown, very coarse SAND, some rounded gravel, loose, wet
12-16'			0.0 ppm		Brown, coarse SAND, some rounded gravel, loose, dark brown hydrocarbon-like staining from 13-15', wet
16-20'			0.0 ppm		Brown, coarse SAND, some rounded gravel, loose, minor hydrocarbon-like staining, wet
20-24'			0.0 ppm		Same as above
24-28'			0.0 ppm		Pale/light brown, medium-coarse SAND, little gravel, loose, wet
28-32'			0.0 ppm		Brown, fine-medium-coarse SAND, fine-coarse gravel in bottom 4", loose, wet

Location: Watchogue Creek		Site Id: WCSB-45
Purpose: Soil Boring		Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci		Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm		Brown, fine-medium-coarse SAND, loose, wet (very poor recovery)
35		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, trace fine gravel
40		40-44'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, wet
45		44-48'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet
50		48-52'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above
55		52-56'	0.0 ppm 0.0 ppm 0.0 ppm		Same as above, trace coarse sand and fine gravel
60		56-60'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium SAND, loose, wet
65		60-64'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet
		64-68'	0.0 ppm		Same as above (liner broke, sample placed in plastic bag, headspace PID)
		68-70'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, loose, wet

Location: Watchogue Creek	Site Id: WCSB-45
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 ppm 0.0 ppm		Lt brown/whitish, fine-med SAND, some silt, micaceous, hard, wet, to 2" rounded GRAVEL layer, to dk gray/bk, CLAY, silt, some sand Gray, CLAY, silt, some micaceous very fine sand, dense, wet Base of boring - 74 ft.
		72-74'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		
75					
80					
85					
90					
95					
100					
105					



Site Id: WCSB-46

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/21/02 - 03/21/02

Total Depth: 52.00'

Remarks: Samples selected for analysis at 6-8', 20-22', and 48-50'.

Elevation: 18.57'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	100%	0-4'			ASPHALT paving
4-8'	100%	4-8'	0.0 ppm		Brown, fine-medium SAND, some gravel, little silt and clay, loose, dry Brown, coarse SAND, some gravel, loose, moist Whitish/light brown, coarse-very coarse SAND, some gravel, loose, dk brown-black hydrocarbon-like staining from 6.5-8', partially wet
8-12'	100%	8-12'	0.0 ppm		Light brown/whitish, coarse SAND, some gravel, loose, dk brown hydrocarbon-like staining from 8-10.5', wet
12-16'	100%	12-16'	0.0 ppm		Lt brown, coarse SAND, some gravel, loose, slight grayish-brown hydrocarbon-like staining, wet
16-20'	100%	16-20'	0.0 ppm		Light brown, coarse SAND, little gravel, loose, lens of hydrocarbon-like staining at 17.5', wet
20-24'	100%	20-24'	0.0 ppm		Brown, coarse SAND, some gravel, loose, dark brown lens of hydrocarbon-like staining at 21.5', wet
24-28'	100%	24-28'	0.0 ppm		Light brown/whitish, coarse SAND, little fine gravel, loose, wet
28-32'	100%	28-32'	0.0 ppm		Brown, coarse SAND, little fine gravel, loose, brown lens of minor hydrocarbon-like staining at 30', wet

Location: Watchogue Creek
 Purpose: Soil Boring
 Consulting Firm: Dvirka & Bartilucci

Site Id: WCSB-46
 Total Depth: 52.00'
 Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35	[Recovery symbol]	32-36'	[PID symbols]	[Graphic Log symbols]	Brown, coarse SAND, little fine gravel, loose, wet Brown, medium-coarse SAND, little gravel, loose, wet
40	[Recovery symbol]	36-40'	[PID symbols]	[Graphic Log symbols]	Same as above
45	[Recovery symbol]	40-44'	[PID symbols]	[Graphic Log symbols]	Same as above
50	[Recovery symbol]	44-48'	[PID symbols]	[Graphic Log symbols]	Same as above
55	[Recovery symbol]	48-52'	[PID symbols]	[Graphic Log symbols]	Brown, medium-coarse SAND, little fine gravel, loose, wet
60	[Recovery symbol]			[Graphic Log symbols]	Base of boring - 52 ft.



Site Id: WCSB-47

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/22/02 - 03/27/02

Total Depth: 74.00'

Remarks: Samples selected for analysis at 10-12', 22-24', 50-52', and 68-70'.

Elevation: 19.35'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'	0.00 0.00 0.00	0-4'	ppm ppm ppm		ASPHALT paving Brown, coarse SAND, some rounded gravel, little silt and clay
4-8'	0.00 0.00 0.00	4-8'	ppm ppm ppm		Brown, coarse SAND, some gravel, loose, moist
8-12'	0.00 0.00 0.00	8-12'	ppm ppm ppm		Brown, coarse SAND, some rounded gravel, loose, moist
12-16'	0.00 0.00 0.00	12-16'	ppm ppm ppm		Very coarse SAND and fine GRAVEL, loose, dark brown hydrocarbon-like staining, wet
16-20'	0.00 0.00 0.00	16-20'	ppm ppm ppm		Brown, coarse SAND, some rounded gravel, loose, some dark gray-black discoloration, wet
20-24'	0.00 0.00 0.00	20-24'	ppm ppm ppm		Brown, very coarse SAND, some gravel, loose, minor hydrocarbon-like staining, wet
24-28'	0.00 0.00 0.00	20-24'	ppm ppm ppm		Same as above, coarse
28-32'	0.00 0.00 0.00	24-28'	ppm ppm ppm		Brown, coarse SAND, some gravel, loose, wet
		28-32'	ppm ppm ppm		Same as above, lens of hydrocarbon-like staining at 29'

Location: Watchogue Creek	Site Id: WCSB-47
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35	[Solid black bar]	32-36'	0.0 ppm	[Graphic log symbols]	Brown, coarse SAND, some gravel, loose, lenses of hydrocarbon-like staining at 30.5' and 31', wet Brown, coarse SAND, some gravel, loose, wet
		36-40'	0.0 ppm	[Graphic log symbols]	Same as above, some fine gravel, lens of light hydrocarbon-like staining at 38.5'
40	[Solid black bar]	40-44'	0.0 ppm	[Graphic log symbols]	Brown, very coarse SAND, little fine gravel, loose, wet
		44-48'	0.0 ppm	[Graphic log symbols]	Brown, medium SAND, loose, wet Same as above, layer of fine gravel from 46-46.5'
45	[Solid black bar]	48-52'	0.0 ppm	[Graphic log symbols]	Brown, medium SAND, some coarse sand, trace gravel, loose, wet
		52-56'	0.0 ppm	[Graphic log symbols]	Brown, medium SAND, well sorted, loose, wet
55	[Solid black bar]	56-60'	0.0 ppm	[Graphic log symbols]	Same as above
		60-64'	0.0 ppm	[Graphic log symbols]	No recovery, sample washed out
65	[Solid black bar]	64-66'	0.0 ppm	[Graphic log symbols]	Brown, medium SAND, loose, wet
		66-68'	0.0 ppm	[Graphic log symbols]	Brown, medium SAND, micaceous, dense, wet
68-70'	[Solid black bar]	0.0 ppm	[Graphic log symbols]	Same as above Brown, coarse SAND, little gravel, dense, wet	

Location: Watchogue Creek	Site Id: WCSB-47
Purpose: Soil Boring	Total Depth: 74.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm	Gray, very fine SAND, some silt, trace clay, micaceous, dense, wet
		72-74'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ppm ppm ppm ppm ppm ppm ppm ppm	Gray, silty SAND, trace clay, micaceous, dense, wet
75					Base of boring - 74 ft.
80					
85					
90					
95					
100					
105					



Site Id: WCSB-48

Location: Watchogue Creek

Purpose: Soil Boring

Date(s): 03/22/02 - 03/25/02

Total Depth: 76.00'

Remarks: Samples selected for analysis at 6-8', 20-22', 26-28', 62-64', and 70-72'.

Elevation: 18.19'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		ASPHALT paving
4-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, some gravel, little silt and clay
5					Light brown/whitish, coarse SAND, some gravel, loose, moist
8-12'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, coarse SAND, some gravel, loose, orange discoloration, wet
10					Brown, coarse SAND, some gravel, loose, slight orange discoloration, wet
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above
15					
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, dark gray-black staining from 18-18.5', sheen from 18-19', wet
20					
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, black tar, gray discoloration, sheen, smear on sampler from 20.5-21', hydrocarbon-like odor, wet
24-28'			1.1 ppm 1.2 ppm 2.1 ppm 2.3 ppm 2.1 ppm 1.7 ppm		Brown, medium-coarse SAND, little rounded gravel, loose, lenses of dk gray-black tar, slight smear on sampler, sheen, mild hydrocarbon-like odor, wet
25					
28-32'			0.1 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, loose, mild sheen from 28-28.5', slight hydrocarbon-like odor, wet

Location: Watchogue Creek	Site Id: WCSB-48
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32		32-36'	0.0 ppm		Brown, medium-coarse SAND, loose, slight hydrocarbon-like odor, wet
			0.0 ppm		
35		36-40'	0.0 ppm		Brown, coarse SAND, little gravel, hydrocarbon-like staining, slight sheen from 33.5-34', mild hydrocarbon-like odor
			0.0 ppm		
40		40-44'	0.0 ppm		Same as above, no gravel, mild hydrocarbon-like odor
			0.0 ppm		
45		44-48'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
50		48-52'	0.0 ppm		Brown, medium SAND, loose, slight orange brown discoloration, mild hydrocarbon-like odor, wet
			0.0 ppm		
55		52-56'	0.0 ppm		Same as above
			0.0 ppm		
60		56-60'	0.0 ppm		Brown, medium SAND, loose, mild hydrocarbon-like odor, wet
			0.0 ppm		
65		60-64'	0.0 ppm		Same as above
			0.0 ppm		
68		64-68'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
72		68-72'	0.0 ppm		Gray, fine SAND, some silt, micaceous, slightly dense, wet
			0.0 ppm		

Location: Watchogue Creek	Site Id: WCSB-48
Purpose: Soil Boring	Total Depth: 76.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		72-76'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine SAND, some silt, some clay (70.5-71.5'), micaceous, slightly dense-dense, wet, to rounded GRAVEL at 71.5' Rounded GRAVEL, to gray, silty SAND, little clay, slightly dense, wet Base of boring - 76 ft.

Elevation: 18.68'

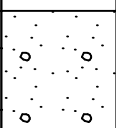
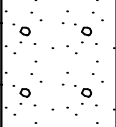
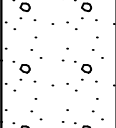
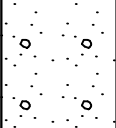
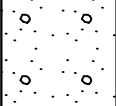
Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	■	0-4'	0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse sandy FILL, some gravel, trace clay, little silt, trace ash and cinders
5	■	4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse sandy FILL, some gravel, trace ash and brick from 4-4.5', dark gray-black discoloration from 4-4.7', gray discoloration from 4.7-7', gasoline/hydrocarbon-like odor, wet at 4.5'
10	■	8-12'	2.1 ppm 2.3 ppm 2.1 ppm 1.8 ppm		Gray-black, coarse sandy FILL, some gravel, little brick debris, loose, gray-black staining, hydrocarbon-like odor, wet
15	■	12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some rounded gravel, loose, mild hydrocarbon-like odor, wet
20	■	16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, little fine gravel
25	■	20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown/tan, coarse SAND, little gravel, loose, wet
30	■	24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown/tan, coarse SAND, little gravel
35	■	28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown, coarse SAND, little gravel, loose, wet

Location: Watchogue Creek

Site Id: WCSB-49

Purpose: Soil Boring

Total Depth: 56.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		Light brown, coarse SAND, little gravel, loose, gray brown discoloration, mild gasoline/hydrocarbon-like odor, wet
		32-36'	ppmm		Brown, medium-coarse SAND, little fine gravel, loose, wet
35		36-40'	ppmm		Brown, coarse SAND, trace fine gravel, loose, wet
40		40-44'	ppmm		Brown, medium-coarse SAND, trace gravel, loose, wet
45		44-48'	ppmm		Same as above
50		48-52'	ppmm		Brown, medium SAND, loose, wet
55		52-56'	ppmm		Same as above, well sorted
					Base of boring - 56 ft.

Elevation: 19.56'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0	Black	0–4'	0.0 ppm 0.0 ppm 0.0 ppm		ASPHALT paving
4	White	4–8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray–brown, medium SAND, some gravel, little silt and clay
5	Black				Tan brown, coarse SAND, some gravel, little silt and clay
8	Black	8–12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, patches of orange–reddish brown staining/ discoloration, dry (moist at 6')
10	Black				Brown, coarse SAND, some gravel, loose, dark brown hydrocarbon–like staining from 8–9.5', wet
12	White	12–16'	0.0 ppm 0.0 ppm 0.0 ppm		Tan/brown, coarse–very coarse SAND, some gravel, loose, wet
15	Black				
16	Black	16–20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
20	White				
20	Black	20–24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium SAND, loose, wet
24	Black				
24	White	24–28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Light brown/whitish, coarse SAND, some gravel, loose, wet
25	Black				
28	Black	28–32'	0.0 ppm		Brown, medium SAND, little fine gravel, loose, wet (liner jammed, sample placed in plastic bag, headspace PID)

Location: Watchogue Creek	Site Id: WCSB-50
Purpose: Soil Boring	Total Depth: 52.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
32-36'		32-36'	0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm		Whitish brown, coarse SAND, little gravel, loose, patches of minor orange brown discoloration, wet
36-40'		36-40'	0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm		Whitish brown, medium-coarse SAND, little gravel, loose, wet
40-44'		40-44'	0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm		Brown, medium-coarse SAND, trace gravel, loose, wet
44-48'		44-48'	0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm		Brown, medium SAND, trace gravel, loose, wet
48-52'		48-52'	0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm 0000 ppm		Brown, medium-coarse SAND, little gravel, loose, wet
52-52'					Base of boring - 52 ft.
55					
60					
65					

Elevation: 18.68'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		ASPHALT paving
4		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Gray, fine SAND, little gravel, little silt and clay Brown, medium SAND, little gravel, trace silt, wet at 2.5' Brown, coarse-very coarse SAND, some gravel, loose, orange-reddish brown discoloration, wet
8		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse-very coarse SAND, little-some fine gravel, loose, orange staining/discoloration from 8-9.5', whitish brown staining/discoloration from 9.5-10', dark brown hydrocarbon-like staining from 10-12', wet
12		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, coarse SAND, some fine gravel, loose, orange brown discoloration, wet
16		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, some gravel
20		20-24'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above, little gravel
24		24-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
28		28-32'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, medium-coarse SAND, trace gravel, loose, wet

Location: Watchogue Creek

Site Id: WCSB-51

Purpose: Soil Boring

Total Depth: 52.00'

Consulting Firm: Dvirka & Bartilucci

Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
			0.0 ppm		
			0.0 ppm		
		32-36'	0.0 ppm		Brown, medium-coarse SAND, trace gravel, loose, wet
			0.0 ppm		Same as above, no gravel
35			0.0 ppm		
		36-40'	0.0 ppm		Brown, coarse SAND, some gravel, loose, wet
			0.0 ppm		
40			0.0 ppm		
		40-44'	0.0 ppm		Brown, medium-coarse SAND, loose, wet
			0.0 ppm		
45			0.0 ppm		
		44-48'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
50			0.0 ppm		
		48-52'	0.0 ppm		Same as above, trace gravel
			0.0 ppm		
					Base of boring - 52 ft.
55					
60					
65					

Elevation: 19.18'

Datum: Mean Sea Level

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Contractor: Zebra Environmental

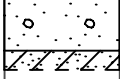
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-4'			0.0 ppm 0.0 ppm		ASPHALT paving Brown, medium sandy FILL, little gravel, trace silt, little clay, brick, glass
4-8'			0.0 ppm 9.0 ppm 2.1 ppm 7.0 ppm 19.7 ppm 13 ppm 8.0 ppm		Brown, PEAT, trace gravel, roots, hydrocarbon-like odor Gray, fine SAND, some silt, little clay, loose, soil coated with dark gray/black NAPL at 5', hydrocarbon-like odor, wet
8-12'			29 ppm 36 ppm 36.5 ppm 28 ppm 18 ppm 10 ppm 6.0 ppm		Gray, medium-coarse SAND, little silt and gravel, loose, gray staining, hydrocarbon-like odor Brown, coarse SAND, some gravel, loose, gray discoloration and petroleum-like odor from 8-9.5', gray brown tar staining and hydrocarbon-like odor from 9.5-11.5', sheen, wet
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, coarse SAND, some gravel, loose, orange brown discoloration, wet
16-20'			0.5 ppm 0.6 ppm 0.5 ppm 0.4 ppm 0.5 ppm 1.0 ppm 0.6 ppm		Brown, medium SAND, trace gravel, loose, wet
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse SAND, some gravel, loose, patches of orange brown staining, slight/mild naphthalene-like odor from 22-23', wet
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Dark brown, coarse SAND, little gravel, loose, dark brown hydrocarbon-like staining, wet
28-32'			6.7 ppm 6.5 ppm 4.0 ppm 3.2 ppm		Dk brown, coarse SAND, loose, heavy dk brown-black hydrocarbon-like staining, hydrocarbon/naphthalene-like odor, wet

Location: Watchogue Creek	Site Id: WCSB-52
Purpose: Soil Boring	Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
35		32-36'	2.1 ppm		Dk brown, coarse SAND, loose, heavy dk brown-black hydrocarbon-like staining, hydrocarbon/naphthalene-like odor, wet
			1.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
40		36-40'	0.0 ppm		Dark brown, coarse SAND, little fine gravel, loose, dark brown hydrocarbon-like staining, sheen and slight hydrocarbon-like odor from 38-39.5', wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
45		40-44'	0.0 ppm		Dark brown, coarse SAND, trace gravel, loose, patches of orange brown-reddish brown discoloration, hydrocarbon-like staining, sheen and slight hydrocarbon-like odor from 41.5-43', wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
50		44-48'	0.0 ppm		Light brown/tan, coarse SAND, trace gravel, loose, patches of orange brown discoloration, dark brown hydrocarbon-like staining from 46-47', slight hydrocarbon-like odor, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
55		48-52'	0.0 ppm		Brown, medium SAND, loose, sheen from 48-49', wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
60		52-56'	0.0 ppm		Brown, medium SAND, loose, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
65		56-60'	0.0 ppm		Same as above
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
70		60-64'	0.0 ppm		Brown, medium SAND, slightly dense, wet
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
75		64-68'	0.0 ppm		Same as above, dense
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
80		68-70'	0.0 ppm		No recovery
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
			0.0 ppm		
0.0 ppm					

Location: Watchogue Creek	Site Id: WCSB-52
Purpose: Soil Boring	Total Depth: 72.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		70-72'	0.0 ppm 0.0 ppm 0.0 ppm		Gray, medium SAND, little fine gravel, dense, wet Gray, silty SAND, some clay, micaceous, dense, wet Base of boring - 72 ft.
75					
80					
85					
90					
95					
100					
105					

Elevation: 16.39'

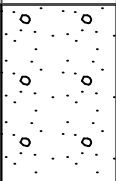
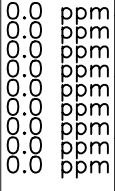
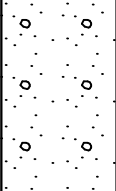
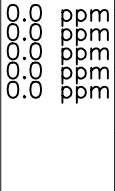
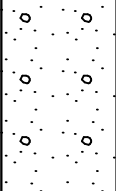
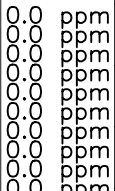
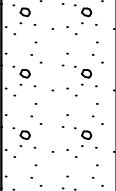
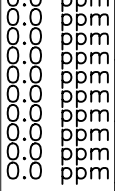
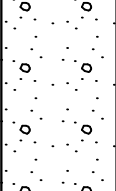
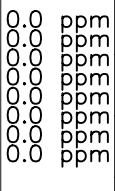
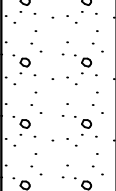
Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Hand Augered 0-5', Geoprobe 5-75'

Contractor: Zebra Environmental


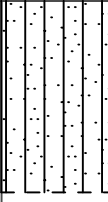
Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-5'	0.0 ppm		Dark brown, fine-coarse SAND w/fine gravel and some coarse gravel, loose, dry-wet (composite sample)
5		5-10'			Dark brown-gray, fine-coarse SAND w/fine-coarse gravel, loose, wet
10		10-15'			Gray-tan-orange brown, fine-coarse SAND w/fine-coarse gravel, loose, wet
15		15-20'			Dark orange brown, fine-coarse SAND w/fine gravel, loose, wet
20		20-25'			Same as above
25		25-30'			Orange brown, fine-medium SAND w/coarse sand, loose-medium dense, wet

Location: Watchogue Creek	Site Id: WCSB-53
Purpose: Soil Boring	Total Depth: 75.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		30-35'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND w/some coarse sand and fine gravel, loose, wet
35		35-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND w/coarse sand, trace fine gravel, loose, wet
40		40-45'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown, fine-medium SAND w/coarse sand and some fine gravel, loose, wet
45		45-50'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Orange brown-brown, fine-medium SAND, medium dense, wet
50		50-55'	0.0 ppm		Brown, fine-medium SAND, trace fine gravel, loose, wet (liner jammed, sample placed in plastic bag, headspace PID)
55		55-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, silt lens at 58', micaceous, medium dense, wet
60		60-65'	0.0 ppm		Gray, fine SAND, micaceous, dense, wet (liner jammed, sample placed in plastic bag, headspace PID)
65		65-70'			No recovery

Location: Watchogue Creek	Site Id: WCSB-53
Purpose: Soil Boring	Total Depth: 75.00'
Consulting Firm: Dvirka & Bartilucci	Borehole Dia.: 2.00in

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
75		70-75'	0.0 0.0 0.0 0.0 0.0 0.0		Gray, silty fine SAND, micaceous, lens of silty coarse sand w/trace-some fine gravel, medium dense, wet
					Base of boring - 75 ft.
80					
85					
90					
95					
100					
105					

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Tom Fox

Drilling Method: Rotosonic

Borehole Dia.: 6.00in

Contractor: Prosonic

Screens:

type: Slotted	size: 0.010in	dia: 2.00in	fm: 4.00'	to: 14.00'
type: Slotted	size: 0.010in	dia: 2.00in	fm: 35.00'	to: 45.00'
type: Slotted	size: 0.020in	dia: 2.00in	fm: 64.00'	to: 74.00'
type: Slotted	size: 0.020in	dia: 2.00in	fm: 126.50'	to: 136.50'

Remarks: Includes well screens for monitoring wells:
MW-05S, MW-05D, BMW-05D and BMW-05D2

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
5	[Solid black bar]	0-7'	0.0 ppm	Brown, silty sandy TOPSOIL, hard, black staining from 1-1.5', moist Red-yellow, medium SAND and GRAVEL, loose, dry	[Patterned log]	[Screen zones]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
10	[Solid black bar]	7-11'	0.7 ppm	Pale yellow, coarse SAND, loose, moist	[Patterned log]	[Screen zones]
			0.6 ppm			
			0.5 ppm			
			0.8 ppm			
			1.5 ppm			
15	[Solid black bar]	11-16'	5.0 ppm	Medium-fine SAND and coarse GRAVEL, loose, light tar staining, slight hydrocarbon-like odor, wet	[Patterned log]	[Screen zones]
			19 ppm			
			16 ppm			
			12 ppm			
			50 ppm			
			20 ppm			
			41 ppm			
			20 ppm			
			19 ppm			
			22 ppm			
41 ppm						
20	[Solid black bar]	16-21'	61 ppm	Gray, medium-fine SAND, well sorted, loose, light hydrocarbon-like odor, wet	[Patterned log]	[Screen zones]
			67 ppm			
			75 ppm			
			72 ppm			
			21 ppm			
			28 ppm			
			80 ppm			
			62 ppm			
			112 ppm			
			104 ppm			
25	[Solid black bar]	21-26'	91 ppm	Brown, coarse-very coarse SAND w/gravel, loose, taffy-like tar blebs, strong hydrocarbon-like odor	[Patterned log]	[Screen zones]
			149 ppm			
			67 ppm			
			20 ppm			
			21 ppm			
			23 ppm			
			15 ppm			
			57 ppm			
			21 ppm			
			21 ppm			
30	[Solid black bar]	26-34'	12 ppm	Coarse SAND and fine GRAVEL, loose, heavy tar staining, moderate hydrocarbon-like odor, wet	[Patterned log]	[Screen zones]
			22 ppm			
			25 ppm			
			30 ppm			
			45 ppm			
			60 ppm			
			34 ppm			
			24 ppm			
			24 ppm			
			24 ppm			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
34-39'			72 ppm 92 ppm 42 ppm 26 ppm 17 ppm 27 ppm 130 ppm 267 ppm 193 ppm 152 ppm 70 ppm 78 ppm 410 ppm 410 ppm 161 ppm 134 ppm	Light brown, medium-coarse SAND, loose, sheen, slight hydrocarbon-like odor Brown, medium-coarse SAND, loose, brown tar staining, moderate naphthalene-like odor, wet Brown, fine SAND, loose, sheen, moderate naphthalene-like odor, wet		
39-46'			116 ppm 89 ppm 87 ppm 94 ppm 129 ppm 188 ppm 324 ppm 224 ppm 453 ppm 256 ppm	Brown, medium-coarse SAND, little fine gravel, loose, black tar from 38-38.5', wet Light brown, medium-coarse SAND, little gravel, more gravel from 42.5-44', loose, tar saturated zones from 39.5-40' and 42.5-44', moderate naphthalene-like odor, wet		
46-50'			125 ppm 103 ppm 182 ppm 303 ppm 192 ppm 177 ppm 124 ppm 229 ppm 171 ppm 120 ppm 431 ppm 340 ppm 227 ppm 551 ppm 257 ppm 796 ppm	Lt brown, medium SAND, little fine gravel, loose, mod naphthalene-like odor from 46-47', strong naphthalene-like odor from 47-47.5', moderate hydrocarbon-like odor and heavy black tar staining from 48-50', wet Light brown, medium SAND, trace gravel, loose, intermittent black tar staining, light sheen, strong naphthalene-like odor, wet		
55-60'			156 ppm 233 ppm 460 ppm 408 ppm 158 ppm 621 ppm 238 ppm 275 ppm 12 ppm 156 ppm 130 ppm 172 ppm 225 ppm 213 ppm 80.7 ppm 156 ppm 64 ppm 71 ppm 76 ppm 57 ppm 67 ppm 88 ppm 88 ppm 113 ppm 240 ppm 305 ppm 340 ppm 380 ppm 340 ppm 340 ppm	Light brown-pale yellow, medium-fine SAND, loose, tar blebs, black tar staining from 56-56.5' and 57.5-58.5', strong naphthalene-like odor, wet		
60-66'			156 ppm 130 ppm 172 ppm 225 ppm 213 ppm 80.7 ppm 156 ppm 64 ppm 71 ppm 76 ppm 57 ppm 67 ppm 88 ppm 88 ppm 113 ppm 240 ppm 305 ppm 340 ppm 380 ppm 340 ppm 340 ppm	Light yellow, fine-medium SAND, well sorted, loose, slight naphthalene-like odor, wet		
66-71'			156 ppm 130 ppm 172 ppm 225 ppm 213 ppm 80.7 ppm 156 ppm 64 ppm 71 ppm 76 ppm 57 ppm 67 ppm 88 ppm 88 ppm 113 ppm 240 ppm 305 ppm 340 ppm 380 ppm 340 ppm 340 ppm	Light brown-light red brown, medium-fine SAND, loose, tar staining from 67.5-68' and 68.5-70', wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
75	-	71-76'	405 ppm	Light brown-light red brown, medium-fine SAND, loose, tar staining, wet Lt gray, coarse SAND, loose, heavy tar staining w/sheen (71.5-72'), wet, to dark gray, fine SAND and SILT, micaceous, slightly compact, strong naphthalene-like odor from 71-74' (slight from 74-75') Dark gray-black, silty CLAY, hard, plastic, slight naphthalene-like odor Gray, fine SAND w/silt, micaceous, loose, wet		
			76 ppm			
			467 ppm			
			92 ppm			
			41 ppm			
			42 ppm			
			36 ppm			
			36 ppm			
			31 ppm			
			80			
8.5 ppm						
11.7 ppm						
10.2 ppm						
10 ppm						
1.0 ppm						
1.0 ppm						
1.7 ppm						
3.0 ppm						
85	-	81-86'		8.0 ppm	Black-dark brown, CLAY w/trace silt, pyrite nodules and wood, very hard, plastic, possible clay fractures w/fine sand laminations at 93' and 95', moist Light gray-dark gray, CLAY, very hard, plastic, moist	
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
90	-	86-91'	0.0 ppm	Light, very fine SAND and SILT, micaceous, hard, moist Light gray, CLAY and silt, very hard, plastic, moist Gray, fine SAND, silt and clay, hard, plastic Gray, silty CLAY, hard, plastic, lignite and wood nodules Gray, silty CLAY, hard, plastic, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
95	-	91-96'	0.0 ppm	Light gray, CLAY and silt, very hard, plastic, moist Gray, fine SAND, silt and clay, hard, plastic Gray, silty CLAY, hard, plastic, lignite and wood nodules Gray, silty CLAY, hard, plastic, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
100	-	96-106'	0.0 ppm	Light gray, CLAY and silt, very hard, plastic, moist Gray, fine SAND, silt and clay, hard, plastic Gray, silty CLAY, hard, plastic, lignite and wood nodules Gray, silty CLAY, hard, plastic, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
105	-	106-109'	0.0 ppm	Light gray, CLAY and silt, very hard, plastic, moist Gray, fine SAND, silt and clay, hard, plastic Gray, silty CLAY, hard, plastic, lignite and wood nodules Gray, silty CLAY, hard, plastic, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
110	-	109-114'	0.0 ppm	Light gray, CLAY and silt, very hard, plastic, moist Gray, fine SAND, silt and clay, hard, plastic Gray, silty CLAY, hard, plastic, lignite and wood nodules Gray, silty CLAY, hard, plastic, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
115		114-119'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, fine-medium SAND w/silt, slightly hard, wet Light gray, fine-medium SAND w/silt, loose, wet		
120		119-126'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light gray, medium-coarse SAND, little silt, loose, wet Light gray, medium-fine SAND and SILT, brown clay/silt at 125', loose, wet		
125		126-130'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, medium-fine SAND w/silt, loose, wet		
130		130-135'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, medium-fine SAND w/silt, loose, wet		
135		135-140'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, medium-fine SAND w/silt, loose, wet Dark gray, CLAY, to gray, medium-fine SAND w/silt, loose, wet Dark gray, CLAY Gray, medium-fine SAND w/silt, loose, wet		
140		140-145'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, CLAY and silt, lignite, hard, plastic Gray, m-f SAND w/silt, loose, to gray CLAY and silt, hard, plastic Gray, medium-fine SAND w/silt, loose, wet Gray, CLAY, to SAND Black, CLAY, hard		
145		146-151'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Grayish black, medium-coarse SAND, little silt, loose, moist		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
151-156'		151-156'	0.0 ppm	Grayish black, medium-coarse SAND, little silt, loose, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
156-161'		156-161'	0.0 ppm	Grayish black, medium-coarse SAND w/silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
161-166'		161-166'	0.0 ppm	Grayish black, coarse-very coarse SAND w/silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
166-171'		166-171'	0.0 ppm	Gray, coarse SAND w/silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
171-176'		171-176'	0.0 ppm	Gray, medium SAND and SILT, slightly hard, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
176-181'		176-181'	0.0 ppm	Gray, coarse SAND, little silt, well sorted, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
181-186'		181-186'	0.0 ppm	Same as above		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
186-196'		186-196'	0.0 ppm	Gray, coarse SAND, little-trace silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
196-206'		196-206'	0.0 ppm	Light gray, very coarse SAND, trace-little silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
206-216'		206-216'	0.0 ppm	Light gray, very coarse SAND, little-trace silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
216-226'		216-226'	0.0 ppm	Gray, coarse SAND w/little silt		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
226-236'		226-236'	0.0 ppm	Gray, coarse SAND w/little silt, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
0			0.0 ppm	Gray, coarse SAND w/little silt, loose, wet		
0.5			0.0 ppm			
1.0			0.0 ppm			
1.5			0.0 ppm			
2.0			0.0 ppm			
2.5			0.0 ppm			
3.0			0.0 ppm			
3.5			0.0 ppm			
15		196-206'	0.0 ppm	Gray, coarse SAND, trace silt, loose, wet		
15.5			0.0 ppm			
16.0			0.0 ppm			
16.5			0.0 ppm			
17.0			0.0 ppm			
17.5			0.0 ppm			
18.0			0.0 ppm			
18.5			0.0 ppm			
20		206-209'	0.0 ppm	Same as above		
20.5			0.0 ppm			
21.0			0.0 ppm			
21.5			0.0 ppm			
209		209-226'	0.0 ppm	Same as above		
209.5			0.0 ppm			
210.0			0.0 ppm			
210.5			0.0 ppm			
211.0			0.0 ppm			
211.5			0.0 ppm			
212.0			0.0 ppm			
212.5			0.0 ppm			
215			0.0 ppm	Gray, silty fine-medium SAND, loose, wet		
215.5			0.0 ppm			
216.0			0.0 ppm			
216.5			0.0 ppm			
217			0.0 ppm	Gray, silty fine SAND w/clay, wet		
217.5			0.0 ppm			
218.0			0.0 ppm			
218.5			0.0 ppm			
226				Base of boring - 226 ft.		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Shallow


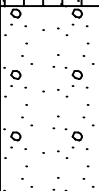
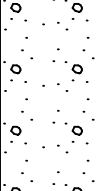
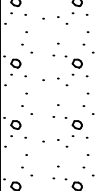

Logged By: Tom Fox

Drilling Method: Geoprobe

Borehole Dia.: 3.00in

Remarks:

Contractor: Zebra Environmental

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0		0-5'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Black, silty SAND w/gravel, hard, moist		
5		5-10'	0.0 ppm 0.0 ppm 0.0 ppm 14 ppm 25 ppm 56 ppm	Light brown, medium-coarse SAND w/fine gravel, loose, staining, moderate naphthalene-like odor, moist (wet at 7.5')		
10		10-15'	117 ppm 159 ppm 296 ppm 197 ppm 150 ppm 275 ppm 310 ppm 147 ppm 152 ppm	Brown, medium SAND, loose, slight staining, moderate hydrocarbon-like odor, wet Brown, medium-coarse SAND, little gravel, loose, tar band from 11-11.5', slight staining, strong hydrocarbon-like odor, sheen, wet		
15		15-20'	150 ppm 210 ppm 400 ppm 325 ppm 157 ppm 144 ppm 310 ppm 335 ppm 400 ppm	Brown, medium SAND, little gravel, loose, moderate hydrocarbon-like odor, wet Light black, coarse-very coarse SAND w/fine gravel, loose, strong hydrocarbon-like odor, wet		
20				Base of boring - 20 ft.		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Intermediate

Logged By: John Schafer

Drilling Method: Rotasonic

Borehole Dia.: 6.00in

Contractor: Prosonic

Screens:

type: Slotted size: 0.010in dia: 2.00in fm: 5.50' to: 15.50'
type: Slotted size: 0.010in dia: 2.00in fm: 30.50' to: 40.50'

Remarks: Includes well screens for monitoring wells:
BMW-17S and BMW-171

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-6'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 15 ppm	Brown, FILL, silty matrix w/some coarse sand, gravel, moist-wet Orange brown-brown, fine-coarse SAND w/some fine and coarse gravel, cement layer at 2.5', loose, hydrocarbon-like odor at 4.5', moist		
6-9'			8.0 ppm 8.0 ppm 25 ppm 43 ppm 54 ppm	Brown, sandy SILT, stiff, slightly plastic Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight hydrocarbon-like odor, moist		
9-18'			80 ppm 85 ppm 95 ppm 150 ppm 120 ppm 35 ppm 20 ppm 15 ppm 15 ppm 10 ppm	Black, fine-coarse SAND w/some fine-coarse gravel, loose, black staining, heavy hydrocarbon-like odor, moist Orange brown, fine-coarse SAND w/fine-coarse gravel, loose, some tar blebs, slight hydrocarbon-like odor, moist		
18-22'			6.0 ppm 12 ppm 16 ppm 18 ppm 8.0 ppm 8.0 ppm 11 ppm	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, brown tar blebs, heavy tar bleb layer at 20.5', naphthalene- like odor, moist		
22-28'			3.0 ppm 4.0 ppm 3.5 ppm 3.5 ppm 3.0 ppm 3.0 ppm 4.0 ppm 6.0 ppm 5.0 ppm	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, sporadic tar blebs, heavy tar bleb layers at 24.5' and 26', slight naphthalene-like odor, moist		
28-33'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light orange brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, moist		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
		<p>33-38'</p> <p>38-43'</p>	<p>0.0 ppm 0.0 ppm 0.0 ppm</p> <p>0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm</p> <p>0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm</p>	<p>Light orange brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, moist</p> <p>Light brown w/some orange brown mottling, fine-coarse SAND w/some fine gravel, trace coarse gravel</p> <p>Orange brown, fine-coarse SAND w/some fine gravel, loose, moist</p> <p>Base of boring - 43 ft.</p>		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Tom Fox

Drilling Method: Rotasonic

Borehole Dia.: 6.00in

Contractor: Prosonic

Screens:
 type: Slotted size: 0.010in dia: 2.00in fm: 6.00' to: 16.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 30.00' to: 40.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 60.00' to: 70.00'

Remarks: Includes well screens for monitoring wells:
 BMW-18S, BMW-18I and BMW-18D

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 72	[Solid black bar]	0-8'	0.0 ppm 0.5 ppm 0.7 ppm 0.5 ppm 1.5 ppm 1.5 ppm 37 ppm 58 ppm 78 ppm 125 ppm 140 ppm 195 ppm 127 ppm	Dark brown, silty sandy FILL w/gravel, some coal particles, concrete slab from 0-0.5', loose, moist Light gray-olive, silty CLAY, plastic, slight hydrocarbon-like odor, wet (recent silt/clay unit)	[Diagonal hatching]	[Vertical line with horizontal dashes]
		8-18'	37 ppm 195 ppm 388 ppm 425 ppm 525 ppm 650 ppm 1050 ppm 1500 ppm 2000 ppm 1150 ppm 450 ppm 195 ppm 55 ppm 3.5 ppm 2.0 ppm 2.0 ppm 2.0 ppm 2.0 ppm	Light gray-olive, silty CLAY, roots, plastic, wet Light black, medium-coarse SAND, little gravel, loose, light black staining, strong hydrocarbon-like odor, sheen on water	[Diagonal hatching]	
		18-28'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 1.5 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light brown, medium-coarse SAND, little gravel, loose, taffy-like tar zone from 20-20.5' w/slight tar-like odor	[Dotted pattern]	
		28-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light brown, medium-coarse SAND, little gravel, loose, wet	[Dotted pattern]	

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
5	[Solid Black]	36-48'	0.0 ppm	Light brown, medium-coarse SAND, little gravel, loose, wet	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
40	[Solid Black]	36-48'	0.0 ppm	Same as above	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
45	[Solid Black]	48-57'	0.0 ppm	Same as above	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
50	[Solid Black]	48-57'	0.0 ppm	Light brown, medium-fine SAND, well sorted, loose, wet	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
55	[Solid Black]	57-68'	0.0 ppm	Same as above	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
60	[Solid Black]	57-68'	0.0 ppm	Brown, fine SAND, trace silt, well sorted, loose, reddish brown discoloration, wet	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65	[Solid Black]	68-78'	0.0 ppm	Brown-red, fine SAND, well sorted, loose, wet	[Dotted pattern]	[Vertical line]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
78	[Solid Black]	68-78'	0.0 ppm	Brown, silty coarse SAND w/gravel, loose, wet	[Dotted pattern]	[Vertical line]
			0.0 ppm			

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Tom Fox

Drilling Method: Rotasonic

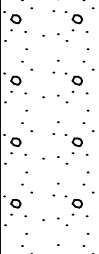

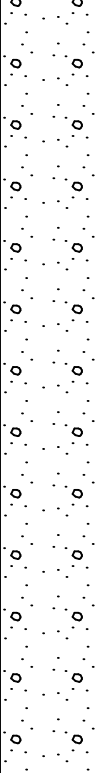









Borehole Dia.: 6.00in

Contractor: Prosonic

Screens:
 type: Slotted size: 0.010in dia: 2.00in fm: 6.00' to: 16.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 29.60' to: 39.60'
 type: Slotted size: 0.010in dia: 2.00in fm: 64.75' to: 74.75'

Remarks: Includes well screens for monitoring wells:
 BMW-19S, BMW-19I and BMW-19D

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 1.5 ppm 250 ppm 158 ppm 180 ppm 1180 ppm 2000+ ppm	FILL, concrete slab Brown, silty SAND and gravel Black, silty SAND w/fine gravel, loose, black staining, strong hydrocarbon-like odor, moist		
8-18'			1150 ppm 1604 ppm 1906 ppm 1206 ppm 1704 ppm 1271 ppm 1624 ppm 1117 ppm 252 ppm 350 ppm 350 ppm 267 ppm 1310 ppm 524 ppm 1210 ppm 1008 ppm 485 ppm	Black, medium-coarse-very coarse SAND, little gravel, loose, heavy black staining, NAPL coated grains, NAPL saturated from 13-14', very strong hydrocarbon-like odor		
18-28'			194 ppm 110 ppm 78 ppm 65 ppm 70 ppm 80 ppm 65 ppm 60 ppm 38 ppm 45 ppm 20 ppm 21 ppm 75 ppm 104 ppm 75 ppm 25 ppm 54 ppm 78 ppm 38 ppm 47 ppm 15 ppm 11 ppm 12 ppm 7.0 ppm	Black, coarse-very coarse SAND w/gravel, loose, heavy black staining, NAPL coated grains, strong hydrocarbon-like odor, wet Brown, medium-coarse SAND w/gravel, loose, taffy-like tar mixed with grains, NAPL saturated from 25-26', wet		
28-38'				Brown/black, medium-coarse SAND w/gravel, loose, coated with taffy-like tar, slight hydrocarbon-like odor		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
0-5	Recovery		8.0 ppm 9.0 ppm 10 ppm 24 ppm 20 ppm 7.5 ppm 8.0 ppm 9.0 ppm 10 ppm 24 ppm 26 ppm 28 ppm 10 ppm	Brown-brownish red, medium SAND, little gravel, loose, sporadic taffy-like tar clumps (30-31', 33-34', and 35-37'), slight hydrocarbon-like odor, wet		
5-38		38-48'	10 ppm 17 ppm 12 ppm 10 ppm 24 ppm 10 ppm 7.0 ppm 0.2 ppm 0.2 ppm 1.0 ppm 1.0 ppm 1.7 ppm 1.8 ppm 2.4 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 5.0 ppm 5.0 ppm 5.0 ppm 5.0 ppm 24 ppm 16 ppm 18 ppm 20 ppm 5.0 ppm 6.0 ppm 7.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 18 ppm 4.0 ppm 5.0 ppm 4.0 ppm 4.0 ppm 2.0 ppm 4.0 ppm 4.0 ppm 5.0 ppm 6.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 2.0 ppm 2.0 ppm 2.0 ppm 3.0 ppm 3.0 ppm	Light brown, medium-coarse SAND, loose, tar saturated zones from 39-40', slight hydrocarbon-like odor, moist Light brown, medium SAND, little gravel, loose, wet		
38-48				Brown, medium SAND, little gravel, loose, wet		
48-58				Brown, medium-fine SAND, well sorted, loose, sporadic taffy-like tar from 51-52', wet		
58-68				Brown, medium-fine SAND, well sorted, loose, small tar globule at 58-58.5', wet		
68-78				Brown, fine-very fine SAND, well sorted, loose, red discoloration, wet Brown, silty SAND, micaceous Brown, silty fine SAND, micaceous, slightly hard, well sorted		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
0			5.0 ppm	Brown, silty fine SAND, micaceous, slightly hard, well sorted		
2		3.0 ppm				
2		6.0 ppm	14 ppm	Brown, silty fine SAND and gravel, loose, slight hydrocarbon-like odor and heavy sheen from 72.5-73', wet		
7.5		15 ppm				
7.5		7.0 ppm	3.0 ppm	Gray, silty fine SAND, micaceous, slightly hard, wet		
20		2.0 ppm				
20		2.0 ppm	2.0 ppm	Black, silty CLAY, hard, moist		
22		3.0 ppm				
22		4.0 ppm	0.0 ppm	Light gray, silty fine SAND, micaceous, slightly hard, wet		
24		2.0 ppm				
24		2.0 ppm	0.0 ppm	Black, silty CLAY, hard, moist		
26		0.0 ppm				
26		0.0 ppm	0.0 ppm	Light gray, silty fine SAND, micaceous, slightly hard, wet		
28		0.0 ppm				
28		0.0 ppm	0.0 ppm	Black, silty CLAY, hard, moist		
30		0.0 ppm				
30		0.0 ppm	0.0 ppm	Light gray, silty fine SAND, loose, wet		
32		0.0 ppm				
32		0.0 ppm	0.0 ppm	Black, silty CLAY, hard, moist		
34		0.0 ppm				
34		0.0 ppm	0.0 ppm	Light gray, silty fine SAND, loose, moist		
36		0.0 ppm				
36		0.0 ppm	0.0 ppm	Black, silty CLAY, hard, moist		
38		0.0 ppm				
38		0.0 ppm	0.0 ppm	Base of boring - 88 ft.		
88		0.0 ppm				

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Borehole Dia.: 3.00in




Contractor: Zebra Environmental

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 4.00' to: 14.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 35.00' to: 45.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 62.00' to: 72.00'

Remarks: Includes well screens for monitoring wells:
 BMW-20S, BMW-20I and BMW-20D
 Logged from boring BBSB-88.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-4'		0-4'	0.0 ppm	Dark brown, sandy TOPSOIL, some silt, some clay, little gravel, roots		
			0.0 ppm			
0.0 ppm						
0.0 ppm						
4-8'		4-8'	0.0 ppm	Brown, coarse SAND, some gravel, shiny luster on sand from 7-8', strong gasoline/petroleum-like odor, moist (wet at 7')		
			0.0 ppm			
0.0 ppm						
0.0 ppm						
4.7 ppm						
20 ppm						
8-12'		8-12'	0.0 ppm	Brown, coarse SAND, some gravel, loose, gray-black staining from 10-12', strong naphthalene-like odor, solvent-like odor, wet		
			1.4 ppm			
			20 ppm			
			81 ppm			
			30 ppm			
			14 ppm			
6.0 ppm						
4.2 ppm						
5.6 ppm						
6.9 ppm						
4.2 ppm						
16-20'		16-20'	0.6 ppm			
			0.7 ppm			
			1.1 ppm			
			1.3 ppm			
			0.5 ppm			
			0.6 ppm			
20-24'		20-24'	11 ppm	Light brown, medium SAND, trace gravel, loose, 4" tar lens at 20.5' with naphthalene-like odor, wet		
			6.0 ppm			
			4.5 ppm			
			2.1 ppm			
			2.0 ppm			
			1.6 ppm			
24-28'		24-28'	0.0 ppm	Brown, coarse SAND, some gravel, loose, slight-moderate naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
28-32'		28-32'	0.0 ppm	Same as above, little gravel, mild naphthalene-like odor		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
35	[Solid black bar]	32-36'	0.0 ppm	Brown, coarse SAND, little gravel, loose, mild naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
40	[Solid black bar]	36-40'	0.0 ppm	Same as above	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
45	[Solid black bar]	40-44'	0.5 ppm	Brown, medium-coarse SAND, trace gravel, loose, 1" lens of orange brown staining at 42.5', moderate naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			0.5 ppm			
			1.0 ppm			
			0.4 ppm			
			0.3 ppm			
			0.2 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
50	[Solid black bar]	44-48'	4.2 ppm	Light brown, medium SAND, trace gravel, loose, moderate naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			3.7 ppm			
			6.2 ppm			
			7.2 ppm			
			6.0 ppm			
			6.4 ppm			
			5.8 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
55	[Solid black bar]	48-52'	0.0 ppm	Brown, medium SAND, well sorted, loose, moderate naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			5.5 ppm			
			2.1 ppm			
			6.7 ppm			
			7.6 ppm			
			4.2 ppm			
			6.7 ppm			
			6.7 ppm			
			5.4 ppm			
60	[Solid black bar]	52-56'	6.7 ppm	Brown, medium SAND, loose, moderate naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			6.7 ppm			
			5.4 ppm			
			6.7 ppm			
			6.2 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65	[Solid black bar]	56-60'	0.0 ppm	Same as above, well sorted, mild naphthalene-like odor	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
70	[Solid black bar]	60-64'	0.0 ppm	Same as above	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
75	[Solid black bar]	64-68'	0.0 ppm	Brown, medium SAND, micaceous, well sorted, slightly dense, mild-moderate naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			4.7 ppm			
			5.5 ppm			
			4.2 ppm			
80	[Solid black bar]	68-72'	6.0 ppm	Gray-whitish, fine-medium SAND (68-71.5'), slightly dense, moderate-strong naphthalene-like odor, wet	[Dotted pattern]	[Screen zone]
			7.0 ppm			
			2.1 ppm			
			22.1 ppm			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>			<p>18 ppm</p> <p>4.0 ppm</p> <p>47 ppm</p> <p>113 ppm</p>	<p>Rounded GRAVEL, gray clay, some silt, to dk gray CLAY, saturated with brown tar, tar staining, strong naphthalene-like odor</p> <p>Base of boring - 74 ft.</p>		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Ryan, Schafer

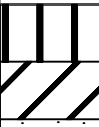
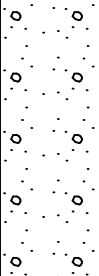
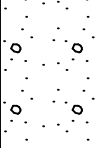
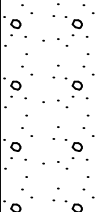
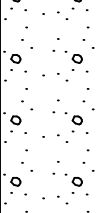
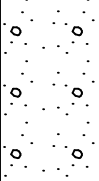
Drilling Method: Rotasonic

Borehole Dia.: 6.00in

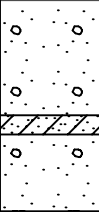
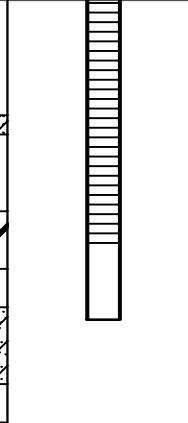

Contractor: Prosonic

Screens:
 type: Slotted size: 0.010in dia: 2.00in fm: 7.50' to: 17.50'
 type: Slotted size: 0.010in dia: 2.00in fm: 30.00' to: 40.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 66.33' to: 76.33'

Remarks: Includes well screens for monitoring wells:
 BMW-21S, BMW-21I and BMW-21D
 Respirator in use from 26-81'.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-6'		0-6'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Coarse gravelly SILT matrix, loose, wet Brown, gravelly CLAY, soft, plastic, moist Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist		
6-11'		6-11'	0.0 ppm 30 ppm 101 ppm 130 ppm 92 ppm 155 ppm 206 ppm 340 ppm	Brown, fine-coarse SAND w/fine-coarse gravel, loose, moist Dark brown, fine-medium SAND w/some coarse sand, some fine-coarse gravel, loose, heavy dark brown staining, moderate hydrocarbon-like odor, moist		
11-16'		11-16'	450 ppm 340 ppm 200 ppm 141 ppm 220 ppm 150 ppm	Brown-gray, fine-coarse SAND w/some fine-coarse gravel, loose, brown staining, heavy hydrocarbon-like odor, moist		
16-21'		16-21'	3.0 ppm 43 ppm 46 ppm 17 ppm 23 ppm 36 ppm 25 ppm	Gray-brown, fine-coarse SAND w/fine and some coarse gravel, loose, hydrocarbon-like odor, moist		
21-26'		21-26'	170 ppm 225 ppm 125 ppm 60 ppm 220 ppm 205 ppm 150 ppm 107 ppm	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, zones of heavy oil staining/saturation w/coarser material at 22' and 23.5', heavy tar-like odor, moist		
26-31'		26-31'	6.8 ppm 20.9 ppm 22.9 ppm 59.2 ppm 145 ppm 160 ppm 123 ppm	Light brown, fine-medium SAND, loose, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
31-36'		31-36'	106 ppm 222 ppm 156 ppm 180 ppm 192 ppm 175 ppm 180 ppm 207 ppm	Light brown, medium-coarse SAND w/trace fine gravel, loose, moderate tar staining at 31.5', 33', 33.5', and 35', wet		
36-41'		36-41'	66.7 ppm 98.9 ppm 92.9 ppm 44.4 ppm 86.6 ppm 215 ppm 325 ppm 169 ppm 203 ppm	Light brown, fine-medium-coarse SAND w/fine gravel, loose, low viscosity tar banding at 37', saturated with low viscosity tar from 39-40', wet		
41-46'		41-46'	116 ppm 58 ppm 87.3 ppm 182 ppm 16 ppm 91 ppm 23.3 ppm 24 ppm 38.2 ppm 55.5 ppm 253 ppm 46.9 ppm 120 ppm 171 ppm 94.1 ppm 120 ppm 155 ppm 182 ppm 196 ppm	Light brown, fine-med SAND, trace coarse sand, loose, low viscosity tar banding at 42.5', 43', and 43.5', light-dark brown staining on plastic sleeve, wet		
46-51'		46-51'	273 ppm 304 ppm 183 ppm 180 ppm 168 ppm 101 ppm 110 ppm 136 ppm	Light brown, fine-medium SAND, some coarse sand, loose, moderate spotty-like black tar staining, light brownish yellow-black staining on plastic sleeve, wet		
51-56'		51-56'	182 ppm 89.3 ppm 96.5 ppm 120 ppm 53.9 ppm 162 ppm 190 ppm	Light brown, fine-medium SAND, lenses of coarse sand and fine gravel at 56' and 57.5', loose, spotty tar saturation from 56-57' and at 57.5' and 58.5', light brown-black staining on plastic sleeve, wet		
56-61'		56-61'	14 ppm 9.6 ppm 8.2 ppm 26.2 ppm 19.1 ppm 9.0 ppm 15.6 ppm 46.1 ppm 254 ppm	Light brown-orange, fine-medium SAND, fine sandy silt lens with tar banding at 61.5', loose, saturated with tar from 64.5-65.5', some spotty tar staining w/light sheen on soils from 61-61.5', wet		
61-66'		61-66'	165 ppm 137 ppm 106 ppm 35.3 ppm 61.2 ppm 33.3 ppm 66.1 ppm 19.3 ppm	Light brown, fine-medium SAND, loose, spotty black tar staining, wet		
66-71'		66-71'				

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
75	[REDACTED]	71-76'	47.5 ppm 19.4 ppm 20.3 ppm 12.4 ppm 195 ppm 188 ppm 24.3 ppm 286 ppm 68.2 ppm 46.3 ppm	Light brown, fine-medium SAND, loose, spotty black tar staining, wet Tan-gray, f-m SAND, med dense, spotty tar staining (71-71.5'), wet Gray, sandy CLAY w/f-c gravel, saturated w/tar, to black, coarse SAND w/f-c gravel, loose, saturated w/tar, sheen on soils, wet		
80		76-81'	7.3 ppm 1.8 ppm 0.4 ppm 0.8 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray-light orange brown, SAND w/trace clay, medium dense, moist Charcoal gray, CLAY w/silt, stiff, plastic, moist Charcoal gray, silty CLAY, dense, stiff, slightly plastic, wet Charcoal gray-light gray, fine-medium SAND, organic black banding Charcoal gray-light gray, clayey fine-medium SAND, plastic, wet Charcoal gray-light gray, fine-medium SAND, loose, wet Base of boring - 81 ft.		
85						
90						
95						
100						
105						



Site Id: BMW-22D

Date(s): 03/01/02 – 03/01/02

Datum: Mean Sea Level

Elevation: 22.27'

Measuring Point: 24.73'

Completed Depth: 76.00'

Total Depth: 81.00'

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: John Schafer

Drilling Method: Rotosonic

Borehole Dia.: 6.00in

Contractor: Prosonic

Screens:
 type: Slotted size: 0.010in dia: 2.00in fm: 5.00' to: 10.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 30.00' to: 40.00'
 type: Slotted size: 0.010in dia: 2.00in fm: 64.00' to: 74.00'

Remarks: Includes well screens for monitoring wells: BMW-22S, BMW-22I and BMW-22D
 Logged from boring BBSB-85.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0 5 10 15 20 25	[Black]	0-6'	0.0 ppm	Brown, SILT w/some gravel and clay, soft, plastic, moist-wet Brown, CLAY w/gravel, soft, plastic, moist Brown, fine-coarse SAND w/fine-coarse gravel, loose, possible creosote-like odor from 5-6', dry Brown, fine-coarse SAND w/fine-coarse gravel, loose, hydrocarbon-like odor, moist Brown-gray, fine-coarse SAND w/some fine gravel, coarser lens at 13' with coarse gravel, loose, staining at 13', hydrocarbon-like odor, wet Black-gray, fine-coarse SAND w/fine and some coarse gravel, loose, intermittent brown staining, hydrocarbon-like odor, wet Tan, fine-coarse SAND w/some fine gravel, loose, coated with heavy oil/tar at 23' and 24', lens of staining at 24.5', naphthalene-like odor, wet Tan, fine-coarse SAND w/fine and some coarse gravel, loose, sporadic-intermittant brown staining, heavy naphthalene-like odor, wet		
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		0.0 ppm				
		6-11'	0.0 ppm			
		35 ppm				
		50 ppm				
		80 ppm				
		80 ppm				
		11-16'	5.0 ppm			
		5.0 ppm				
13 ppm						
320 ppm						
100 ppm						
50 ppm						
30 ppm						
20 ppm						
12 ppm						
16-21'	0.0 ppm					
0.0 ppm						
2.0 ppm						
7.0 ppm						
5.0 ppm						
17 ppm						
21-26'	0.0 ppm					
0.0 ppm						
0.0 ppm						
10 ppm						
75 ppm						
200 ppm						
50 ppm						
60 ppm						
26-31'	15 ppm					
60 ppm						
120 ppm						
120 ppm						
65 ppm						
150 ppm						

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
31-36'		60 ppm 13 ppm 20 ppm 10 ppm 7.0 ppm 16 ppm 85 ppm 180 ppm	Tan, fine-coarse SAND w/some fine gravel, loose, sporadic brown staining, moderate-heavy naphthalene-like odor, wet			
36-41'		150 ppm 120 ppm 80 ppm 35 ppm 110 ppm 180 ppm 140 ppm	Same as above, intermittent-heavy staining, heavy naphthalene-like odor, moist			
41-46'		8.0 ppm 20 ppm 9.0 ppm 8.0 ppm 21 ppm 15 ppm 240 ppm 260 ppm 66 ppm	Tan-mottled orange brown, fine-coarse SAND w/some fine gravel, fine sand lens at 45', loose, moderate brown staining at 44.5', light-heavy naphthalene-like odor, moist			
46-51'		65 ppm 80 ppm 150 ppm 150 ppm 72 ppm 90 ppm 108 ppm 105 ppm	Brown, fine-coarse SAND w/trace fine gravel, loose, moist			
51-56'		50 ppm 22 ppm 15 ppm 15 ppm 19 ppm 19 ppm 25 ppm 8.0 ppm 13 ppm 20 ppm 27 ppm 11 ppm 20 ppm 13 ppm 8.0 ppm 18 ppm 20 ppm	Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, moderate naphthalene-like odor, moist			
56-61'		5.0 ppm 11 ppm 19 ppm 13 ppm 3.0 ppm 4.0 ppm 1.0 ppm 3.0 ppm 5.0 ppm	Light brown-tan-mottled orange brown, fine-medium SAND, trace coarse sand, loose-medium dense, light naphthalene-like odor, moist			
61-66'		4.0 ppm 20 ppm 15 ppm 47 ppm 52 ppm 50 ppm 120 ppm 81 ppm	Brown-mottled orange brown, fine SAND w/some medium sand, medium dense, slight brown staining at 62.5', slight naphthalene-like odor, moist			
66-71'			Gray-mottled orange brown, fine-medium SAND, medium dense, naphthalene-like odor, moist			

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
75		71-76'	135 ppm 180 ppm 270 ppm 8.0 ppm 4.0 ppm 3.0 ppm 4.0 ppm 9.0 ppm 0.5 ppm 4.0 ppm	Gray, gravelly sandy CLAY, soft, plastic, light staining, moderate-heavy naphthalene-like odor, to gray sandy f-c GRAVEL, some clay, loose, sheen, heavy staining and naphthalene-like odor, wet Gray, CLAY (72-75.5'), stiff, plastic, sheen, slight naphthalene-like odor		
80		76-81'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, very fine-fine SAND, interbedded with dark brown clay, very stiff, moist, to CLAY w/gray, very fine-fine sand, some black-orange banding Base of boring - 81 ft.		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Innocent Taziva

Drilling Method: Hollow Stem Auger

Borehole Dia.: 6.50in




Contractor: Clearwater Drilling

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 5.00' to: 15.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 33.00' to: 43.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 49.50' to: 59.50'
 type: Slotted size: 0.010in dia: 2.00in fm: 63.00' to: 73.00'

Remarks: Includes well screens for monitoring wells:
 BMW-23S, BMW-23I, BMW-23D and BMW-23D2
 Logged from boring BBSB-105.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-5'				Tan, fine-coarse SAND w/some fine gravel, loose, hydrocarbon-like odor, moist (composite sample)		
			105 ppm			
5-8'			0.0 ppm 0.0 ppm 44 ppm 81 ppm 55 ppm 63 ppm	Brown, fine-coarse SAND w/some fine gravel, slight clay lens at 6.5', loose, hydrocarbon-like odor, wet at 6'		
8-12'			480 ppm 490 ppm 112 ppm 25 ppm 58 ppm	Black-gray-brown, fine-coarse SAND, loose, black staining from 8-9', heavy hydrocarbon-like odor, wet		
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray, fine-coarse SAND w/some fine gravel, loose, black staining from 14.5-15', slight hydrocarbon-like odor, wet		
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Black-gray-brown, fine-coarse SAND w/some fine gravel, loose, black staining from 16-17.5', slight hydrocarbon-like odor, wet		
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/fine gravel, loose, wet		
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/trace fine gravel, loose, wet		
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/some fine gravel, loose, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0			0.0 ppm	Brown, fine-coarse SAND w/some fine gravel, loose, wet		
5		32-36'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-medium SAND w/some coarse sand, trace fine gravel, loose, wet		
10		36-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/fine gravel, loose, wet		
15		40-44'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above		
20		44-48'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-medium SAND, trace coarse sand and fine gravel, loose, wet		
25		48-52'	0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-medium SAND, loose, wet		
30		52-56'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine SAND, medium dense, wet		
35		56-60'	0.0 ppm 0.0 ppm 0.0 ppm	Same as above		
40		60-64'	0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine SAND, medium dense, natural orange Fe-oxide discoloration, very slight naphthalene-like odor, wet		
45		64-68'	0.0 ppm 0.0 ppm 0.0 ppm	Brown-orange brown, fine SAND, dense, wet		
50		68-72'	0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine SAND, dense, naphthalene-like odor, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>		<p>72-76'</p>	<p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p>	<p>Brown, fine gravelly fine-coarse SAND, medium dense, wet, to CLAY</p> <p>Black-gray, silty very fine SAND, dense</p> <p>Base of boring - 76 ft.</p>		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Borehole Dia.: 3.00in

Contractor: Zebra Environmental

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 4.00' to: 14.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 32.00' to: 42.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 59.50' to: 69.50'

Remarks: Includes well screens for monitoring wells:
 BMW-24S, BMW-24I and BMW-24D
 Logged from boring BBSB-75.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-5'			0.0 ppm	Light orange-brown, medium-coarse SAND w/fine gravel, loose, moist (composite sample)		
5-8'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above		
8-12'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Light brownish-orange, medium-coarse SAND w/fine gravel, loose, wet at 8.5'		
12-16'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Tan, fine-medium-coarse SAND w/fine gravel, loose, wet		
16-20'			0.0 ppm 0.0 ppm 1.5 ppm 2.4 ppm 6.9 ppm	Tannish-gray, fine-medium-coarse SAND w/fine gravel, loose, mild hydrocarbon-like odor, wet		
20-24'			0.0 ppm 8.4 ppm 3.9 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Tannish-gray, fine-medium SAND, trace coarse sand and fine gravel from 20-20.5', loose, mild hydrocarbon-like odor, wet		
24-28'			0.3 ppm 0.0 ppm 0.2 ppm 0.0 ppm 0.0 ppm	Light brown, fine-medium SAND w/trace fine gravel		
			0.0 ppm	Light brown, medium-coarse SAND w/fine gravel, loose, mild naphthalene-like odor, wet		
28-32'			0.4 ppm 0.0 ppm 3.8 ppm 0.0 ppm	Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, mild naphthalene-like odor, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
35		32-36'	0.0 ppm	Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
35		36-40'	0.0 ppm	Light brown, fine-medium SAND w/trace fine gravel, coarse sand lens at 37.5', loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			1.2 ppm			
			0.0 ppm			
			6.1 ppm			
40		40-44'	0.0 ppm	Light brown, fine-medium SAND, some coarse sand, trace fine gravel, loose, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
45		44-48'	0.0 ppm	Brown, fine-medium SAND, trace fine gravel, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
50		48-52'	0.0 ppm	Brown, fine-medium SAND w/trace coarse sand and fine gravel, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
55		52-56'	0.0 ppm	Brown, fine-medium SAND, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
60		56-60'	0.0 ppm	Brown, fine-medium SAND, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65		60-64'	0.0 ppm	Light brown, fine-medium SAND, loose, mild naphthalene-like odor, wet		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
65		64-68'	0.0 ppm	Same as above		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			
70		68-72'	0.0 ppm	Lt orange brown, silty fine SAND from 68-68.3', medium dense, mild naphthalene-like odor, moist, to gray, CLAY (68.3-69.3'), trace silt, stiff, plastic, mild naphthalene-like odor, moist		
			0.0 ppm			
			0.0 ppm			
			0.0 ppm			

Consulting Firm: Dvirka & Bartilucci				Site Id: BMW-24D		
Location: Bay Shore/Brightwaters				Date(s): 04/16/02 - 04/16/02		
Purpose: Monitoring Well, Deep				Total Depth: 72.00'		
Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
<div style="text-align: center;"> </div>	<div style="text-align: center;"> </div>		0.0 ppm	Light orange-brown, medium-coarse SAND w/fine-coarse gravel from 69.3-70.3', loose, mild naphthalene-like odor, wet Base of boring - 72 ft.	<div style="text-align: center;"> </div>	

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: Innocent Taziva

Drilling Method: Geoprobe

Borehole Dia.: 3.00in




Contractor: Zebra Environmental

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 4.00' to: 14.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 25.00' to: 35.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 62.00' to: 72.00'

Remarks: Includes well screens for monitoring wells:
 BMW-25S, BMW-25I and BMW-25D
 Logged from boring BBSB-76.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-4'		0-4'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, silty TOPSOIL w/some fine gravel, soft, slightly plastic, moist Orange-brown, fine-coarse SAND w/some fine gravel, some silt from 1-1.5', loose, moist		
4-8'		4-8'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown-tan, fine-coarse SAND w/fine-coarse gravel, loose, moist-wet at 7.5'		
8-12'		8-12'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Tan-orange brown, fine-coarse SAND w/fine gravel, some coarse gravel, loose, wet		
12-16'		12-16'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, wet		
16-20'		16-20'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown-black, fine-coarse SAND w/fine gravel, loose, slight hydrocarbon-like odor from 17-18' in black sand, wet Brown, fine-medium SAND		
20-24'		20-24'	5.0 ppm 0.0 ppm 15 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray-brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight hydrocarbon-like odor, wet (PID readings not sustained, all reverted back to 0.0 ppm)		
24-28'		24-28'	0.0 ppm 5.0 ppm 0.0 ppm 5.0 ppm 10 ppm	Brown, fine-coarse SAND w/fine gravel, trace coarse gravel, loose, slight hydrocarbon-like odor, wet (10 ppm PID reading was sustained, the 5 ppm readings were not sustained)		
28-32'		28-32'	0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight naphthalene-like odor, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
32-36'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 10 ppm 10 ppm		Brown, fine-coarse SAND w/some fine-coarse gravel, loose, slight naphthalene-like odor, wet		
36-40'		0.0 ppm 7.0 ppm 4.0 ppm 7.0 ppm		Brown, fine-coarse SAND, trace fine gravel, loose, slight naphthalene-like odor, wet		
40-44'		2.5 ppm 6.0 ppm 6.0 ppm 7.0 ppm 7.0 ppm		Brown, fine-med SAND w/some coarse sand, trace fine gravel, micaceous loose, slight naphthalene-like odor, wet		
44-48'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND w/some coarse sand, micaceous, loose, slight naphthalene-like odor, wet		
48-52'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium SAND, micaceous, medium dense, slight naphthalene-like odor, wet		
52-56'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Same as above		
56-60'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine SAND, dense, moist		
60-62'		0.0 ppm 0.0 ppm 0.0 ppm		Orange-brown, fine-medium SAND, medium dense, wet		
62-64'		0.0 ppm		Brown, very fine-fine SAND, micaceous, very dense, moist (composite sample)		
64-66'		0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm		Brown, coarse sandy GRAVEL w/some fine-medium sand, loose, moist		
66-68'		0.0 ppm 0.0 ppm 0.0 ppm		Gray, CLAY, very stiff-stiff, plastic, moist Gray, coarse SAND to sandy CLAY, plastic, moist		
68-70'		0.0 ppm 0.0 ppm 0.0 ppm		Brown, fine-medium-coarse SAND, loose, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Monitoring Well Screen Zones
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>		<p>70-72'</p>	<p>0.0 ppm</p> <p>0.0 ppm</p>	<p>Brownish gray, medium-coarse SAND w/fine gravel, loose, wet</p> <p>Gray, fine-medium SAND, loose, wet</p> <p>Base of boring - 74 ft.</p>		

Location: Watchogue Creek

Purpose: Monitoring Well, Deep

Logged By: John Schafer

Drilling Method: Geoprobe

Borehole Dia.: 3.00in


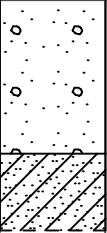

Contractor: Zebra Environmental

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 2.00' to: 12.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 35.00' to: 45.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 64.00' to: 74.00'

Remarks: Includes well screens for monitoring wells:
 WCMW-01S, WCMW-01I and WCMW-01D
 Logged from boring WCSB-40.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-5'				Dark brown, FILL, roots Dark brown-dark gray, fine-medium sandy FILL, some silt, some clay, trace gravel, roots, debris (composite sample, 0-5')		
5-8'			1.6 ppm 21 ppm	Tan/lt brown, fine sandy FILL, some silt, trace gravel, roots, glass, moist Gray, coarse-v coarse SAND, some gravel, loose, sheen, dk brown (iodine color) hydrocarbon-like staining, strong hydrocarbon-like odor, wet		
8-12'			11 ppm 8.0 ppm 4.0 ppm 5.0 ppm 1.0 ppm 1.0 ppm 0.0 ppm	Gray, coarse SAND, some gravel, sheen in water, hydrocarbon-like odor, wet Tan-brown (slightly olive), coarse SAND, some gravel, little clay, loose, tar lens at 10.2', hydrocarbon-like odor, wet		
12-16'			1.0 ppm 6.0 ppm 3.1 ppm 2.1 ppm 0.0 ppm	Brown, coarse-very coarse SAND, some rounded gravel, loose, dark brown-black tar lenses at 12.7' and 13', sheen, hydrocarbon-like odor, wet		
16-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, coarse-very coarse SAND, some rounded gravel, loose, slight hydrocarbon-like odor at 16.5', wet		
20-24'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown (slight olive tint), coarse SAND, some gravel, loose, wet Brown, coarse SAND, little rounded gravel, loose, wet		
24-28'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above, little gravel Brown, very coarse SAND and GRAVEL, loose, wet		
28-32'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, coarse SAND, little fine gravel, loose, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0.0			0.0 ppm	Brown, coarse SAND, little fine gravel, loose, wet		
0.0			0.0 ppm	Same as above, little fine rounded gravel		
32-36'			0.0 ppm			
36-40'			0.0 ppm	Brown, medium-coarse SAND, trace fine gravel, loose, wet		
40-44'			0.0 ppm	Brown, coarse SAND, trace gravel		
44-48'			0.0 ppm	Brown, very coarse SAND, some rounded gravel, loose, wet		
48-52'			0.0 ppm	Brown, fine-medium SAND, trace gravel, dark brown garnets, loose, wet		
52-56'			0.0 ppm	Same as above, some coarse sand, no gravel		
56-60'			0.0 ppm	Brown, medium SAND, well sorted, loose, wet		
60-64'			0.0 ppm	Tan-orange brown, medium SAND, micaceous, loose, minor reddish brown discoloration, wet		
64-66'			0.0 ppm	Same as above		
66-68'			0.0 ppm	Brown, medium SAND, well sorted, loose, wet		
68-70'			0.0 ppm	Brown, medium SAND, loose, possible slight hydrocarbon-like odor, wet		
			0.0 ppm	Gray brown, medium SAND, loose, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>		<p>74-76'</p>	<p>0.0 ppm</p> <p>0.0 ppm</p>	<p>Driller error - drove past 70-74'</p> <p>Gray, fine SAND, some silt, little-some clay, loose, wet</p> <p>Dark gray, CLAY w/silt, some fine sand, slightly hard, wet</p> <p>Base of boring - 76 ft.</p>		

Location: Bay Shore/Brightwaters

Purpose: Monitoring Well, Deep

Logged By: John Schafer

Drilling Method: Geoprobe

Borehole Dia.: 3.00in




Contractor: Zebra Environmental

Screens:
 type: Slotted size: 0.010in dia: 1.00in fm: 3.00' to: 13.00'
 type: Slotted size: 0.010in dia: 1.00in fm: 34.50' to: 44.50'
 type: Slotted size: 0.010in dia: 1.00in fm: 62.00' to: 72.00'

Remarks: Includes well screens for monitoring wells:
 WCMW-02S, WCMW-02I and WCMW-02D
 Logged from boring WCSB-53.

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
0-5'			0.0 ppm	Dark brown, fine-coarse SAND w/fine gravel and some coarse gravel, loose, dry-wet (composite sample)		
5-10'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Dark brown-gray, fine-coarse SAND w/fine-coarse gravel, loose, wet		
10-15'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Gray-tan-orange brown, fine-coarse SAND w/fine-coarse gravel, loose, wet		
15-20'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Dark orange brown, fine-coarse SAND w/fine gravel, loose, wet		
20-25'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Same as above		
25-30'			0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown, fine-medium SAND w/coarse sand, loose-medium dense, wet		

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
30	[Recovery bar]	30-35'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown, fine-medium SAND w/some coarse sand and fine gravel, loose, wet	[Graphic log symbols]	[Screen zones]
35	[Recovery bar]	35-40'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown, fine-medium SAND w/coarse sand, trace fine gravel, loose, wet	[Graphic log symbols]	[Screen zones]
40	[Recovery bar]	40-45'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown, fine-medium SAND w/coarse sand and some fine gravel, loose, wet	[Graphic log symbols]	[Screen zones]
45	[Recovery bar]	45-50'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Orange brown-brown, fine-medium SAND, medium dense, wet	[Graphic log symbols]	[Screen zones]
50	[Recovery bar]	50-55'	0.0 ppm	Brown, fine-medium SAND, trace fine gravel, loose, wet (liner jammed, sample placed in plastic bag, headspace PID)	[Graphic log symbols]	[Screen zones]
55	[Recovery bar]	55-60'	0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm 0.0 ppm	Brown, fine SAND, silt lens at 58', micaceous, medium dense, wet	[Graphic log symbols]	[Screen zones]
60	[Recovery bar]	60-65'	0.0 ppm	Gray, fine SAND, micaceous, dense, wet (liner jammed, sample placed in plastic bag, headspace PID)	[Graphic log symbols]	[Screen zones]
65	[Recovery bar]	65-70'		No recovery	[Graphic log symbols]	[Screen zones]

Depth (ft)	Recovery	Sample Interval	PID	Material Description	Graphic Log	Screen Zones
<p>75</p> <p>80</p> <p>85</p> <p>90</p> <p>95</p> <p>100</p> <p>105</p>		<p>70-75'</p>	<p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p> <p>0.0 ppm</p>	<p>Gray, silty fine SAND, micaceous, lens of silty coarse sand w/trace- some fine gravel, medium dense, wet</p> <p>Base of boring - 75 ft.</p>		



Site Id: BBTP-03

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/15/02 - 01/15/02

Total Depth: 6.00'

Remarks: Sample selected for analysis at 5-6'.

Elevation: 23.91'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5	[REDACTED]	0-2'	0.0 ppm		FILL/TOPSOIL, sand, gravel
			21 ppm		
			20 ppm		
		2-4'	175 ppm		Black-brown, FILL, sand and tar mixture, coal, clinker, ash, saturated with flowing tar, moderate tar-like odor
			184 ppm		
			204 ppm		
			222 ppm		
			244 ppm		Same as above
			254 ppm		
			250 ppm		
		254 ppm			
				Base of test pit - 6 ft.	
10					Note: Various pipes in western portion of test pit. Pondered water at approximately 3' below ground surface w/sheen.
15					
20					
25					



Site Id: BBTP-03A

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/15/02 - 01/15/02

Total Depth: 8.00'

Remarks:

Elevation: 24.40'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'			0.0 ppm		Yellow/brown, FILL, sand and gravel, concrete slabs, metal supports and pipes, loose, moist
2-4'			0.0 ppm		
4-6'			0.0 ppm		Yellow/brown, SAND and GRAVEL
6-8'			0.0 ppm		Yellow/brown, SAND and GRAVEL, slight tar staining from 6-7', slight tar-like odor, wet at 8', no sheen or NAPL noted
			0.0 ppm		Base of test pit - 8 ft.



Site Id: BBTP-04

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/09/02 - 01/09/02

Total Depth: 6.00'

Remarks: Sample selected for analysis at 5-6'.

Elevation: 23.22'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-2'	0.0 ppm		Brown, TOPSOIL/FILL
			0.0 ppm		
		2-4'	200 ppm		Same as above, with black tar staining, loose, moist
			200 ppm		
		4-6'	400 ppm		Black, SAND and GRAVEL, saturated with tar, loose, strong naphthalene-like odor, wet
5			450 ppm		
			500 ppm		
			685 ppm		
					Test pit terminated at 6 ft., encountered concrete slab
10					
15					
20					
25					

Note: Encountered concrete foundation at approximately 6' below ground surface determined to be a vault filled with tar stained soil. Tar/oil/water emulsion present on water table at approximately 8' below ground surface south of foundation.



Site Id: BBTP-05

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/09/02 - 01/09/02

Total Depth: 10.00'

Remarks: Sample selected for analysis at 6-8'.

Elevation: 23.04'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0 5 10 15 20 25	[RECOVERED]	0-2'	0.0 ppm	[GRAPHIC LOG]	Brown, fine-med sandy FILL w/some coarse sand, fine gravel, loamy, heavily coated with coal tar on north end of pit
		2-4'	0.0 ppm		
		4-6'	25 ppm		Blue-gray, fine-medium SAND w/fine-coarse gravel, heavy black tar coating, heavy tar-like odor
		6-8'	57 ppm		
		8-10'	120 ppm		Tan-black, fine-medium SAND w/fine-coarse gravel, heavily coated with tar, tar-like odor
			145 ppm		
			166 ppm		Base of test pit - 10 ft.
			179 ppm		
			203 ppm		
			231 ppm		
			248 ppm		
			255 ppm		
			277 ppm		
			286 ppm		
			300 ppm		
	276 ppm				
	271 ppm				
	264 ppm				
	250 ppm				

Note: Water table at 9.5' below ground surface w/brown-green sheen when agitated and tar-like odor. Concrete foundation at 2' below ground surface at west end on pit. Solid foundation running south-north at 4' below ground surface. 15" pipe 4' below ground surface running east-west at southern end of test pit. Various small diameter pipes with valves/valve box at northern end of test pit.

Location: Bay Shore/Brightwaters former MGP site	Site Id: BBTP-06
Elevation: 0.00'	Consulting Firm: Dvirka & Bartilucci
Datum: Ground Surface	Contractor: Action Environmental
Logged By: Mark Rauber	Excavation Method: Test Pit- Kamatsu PC-40
Purpose: User Defined	Permit No.:
Date(s): 08/18/99 - 08/18/99	Permit Date: / /
Remarks: TEST PIT	Total Depth: 2.00'

Elevation (ft)	Depth (ft)	PID	Graphic Log	Material Description
0				Dark brown select/soil fill material
				Base of test pit- 2'#
				WATER
-10	10			
-20				



Site Id: BBTP-06A

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/14/02 - 01/14/02

Total Depth: 10.00'

Remarks: Sample selected for analysis at 9-10'.

Elevation: 23.21'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'			0.0 ppm		Brown-orange brown, silty fine-coarse sandy FILL w/some f-c gravel, some black chunks of asphalt w/gravel and sand, semi-dense, moist
2-4'			0.0 ppm		
4-6'			25.0 ppm		Tan, fine-coarse SAND w/some fine-coarse gravel, lenses/layers of heavy tar-like staining, heavy tar-like odor
6-8'			26.4 ppm		
8-10'			26.9 ppm		Same as above
			27.8 ppm		
			28.1 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, loose, heavy black staining, heavy tar-like odor, wet
			28.5 ppm		
			29.7 ppm		Base of test pit - 10 ft.
			29.8 ppm		
			29.4 ppm		Note: Water table at approximately 10' below ground surface w/light sheen and light tar-like odor, no LNAPL noted.
			30.0 ppm		



Site Id: BBTP-06B

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/15/02 - 01/15/02

Total Depth: 10.00'

Remarks: Sample selected for analysis at 9-10'.

Elevation: 23.66'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'			0.0 ppm		Dk brown, silty f-c sandy FILL w/some f-c gravel, some asphalt
			0.0 ppm		Brown, fine-coarse sandy FILL w/fine-coarse gravel, some asphalt
2-4'			0.0 ppm		Dark brown, silty SAND
			49 ppm		
4-6'			68.4 ppm		Tan, fine-coarse SAND w/fine-coarse gravel, loose, layers of black tar-like staining, heavy tar-like odor, moist
5			72 ppm		
			115 ppm		
6-8'			126 ppm		Same as above
			133 ppm		
			129 ppm		
			178 ppm		
			182 ppm		
8-10'			192 ppm		Same as above
			255 ppm		
			278 ppm		Same as above, heavy black tar-like staining, wet
10			325 ppm		Base of test pit - 10 ft.
15					
20					
25					

Note: Water table at approximately 10' below ground surface. 4" pipe at 5' below ground surface running east-west at northern end of test pit.



Site Id: BBTP-07

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/14/02 - 01/14/02

Total Depth: 10.00'

Remarks: Sample selected for analysis at 7-8'.

Elevation: 22.81'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'			0.0 ppm		Brown, silty fine-coarse sandy FILL w/some fine-coarse gravel, loose
			0.0 ppm		
2-4'			0.0 ppm		Dark brown, fine-coarse sandy FILL w/some silt and fine-coarse gravel, some brick and vesicular slag, loose-hard
			0.0 ppm		
4-6'			0.0 ppm		Tan, fine-coarse SAND w/fine-coarse gravel, very loose, dry
			0.0 ppm		
6-8'			0.0 ppm		Same as above
			0.0 ppm		
8-10'			198 ppm		Black, fine-coarse SAND w/some fine-coarse gravel, loose, heavy black tar-like staining, heavy tar-like odor, very moist-wet
			233 ppm		
			268 ppm		Base of test pit - 10 ft.
			275 ppm		
			291 ppm		
			300 ppm		

Note: Water table at approximately 10' below ground surface. Water is brown and has a sheen when agitated. Tank foundation at 3' below ground surface in south-west portion of pit. Three 10" to 12" lines plus a 1" and 2" line at 2' below ground surface running across test pit south of tank foundation. 4" line at 3' below ground surface running east-west at northern end of test pit.



Site Id: BBTP-08

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/11/02 - 01/11/02

Total Depth: 6.00'

Remarks: Sample selected for analysis at 6'.

Elevation: 23.03'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5	[RECOVERED]	0-2'	0.0 ppm	[GRAPHIC LOG]	<p>Brown, fine sandy FILL w/m-c sand and f gravel, trace c gravel, loose</p> <p>Brown, FILL, sandy matrix w/red and white kiln brick, concrete, solidified tar, naphthalene-like odor</p> <p>Same as above w/more solid tar chunks</p> <p>Base of test pit - 6 ft.</p> <p>Note: 4" pipe at 7' below ground surface at northern end of test pit. 12" gas line (historical) and 8" drain line (historical) at southern end of pit. Concrete walls at 2' below ground surface at southern portion of pit. Cement platform at 1' below ground surface at southern end of pit. Water at approximately 5' below ground surface with heavy sheen.</p>
			27 ppm		
		2-4'	34.6 ppm		
			29 ppm		
			52 ppm		
5	[RECOVERED]	4-6'	59 ppm		
			73.3 ppm		
			86 ppm		
			91 ppm		
			122 ppm		
			150 ppm		



Site Id: BBTP-09

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/14/02 - 01/14/02

Total Depth: 8.00'

Remarks: Sample selected for analysis at 7-8'.

Elevation: 22.90'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'		0-2'	0.0 ppm		Black, FILL, coal fines
2-4'		2-4'	0.0 ppm		Brown/tan, SAND and GRAVEL, loose, moist
4-6'		4-6'	200 ppm		Black, coarse SAND, heavy black tar staining, strong naphthalene/tar-like odor, moist
6-8'		6-8'	244 ppm		Same as above, pocket of light gray clay from 6-8' at southern end of pit
8-8'		8-8'	560 ppm		Base of test pit - 8 ft., water table at approximately 8'
			670 ppm		
			800 ppm		
			724 ppm		
			907 ppm		
			928 ppm		
			940 ppm		
			940 ppm		

Note: Foundation at 3' below ground surface (bgs) at southern end of test pit. Octagonal tank foundation at 3' bgs at northern end of pit. 6" pipe at 3' bgs and 4-6" pipe at 4' bgs. Water table at 8' bgs with heavy tar/oil emulsion but no observed NAPL.

Elevation: 23.07'

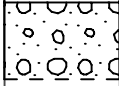
Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-2'	10 ppm 25 ppm 46 ppm 50 ppm		Dark brown, FILL w/concrete and brick, moderate tar-like odor
		2-4'	120 ppm 147 ppm 502 ppm 704 ppm		Black, sandy gravelly FILL, black staining, strong tar/hydrocarbon-like odor, loose, moist
		4-6'	506 ppm 712 ppm 784 ppm 777 ppm		Same as above
5		6-8'	780 ppm 792 ppm 800 ppm		Black, SAND and GRAVEL, black staining, strong tar/hydrocarbon-like odor, loose, wet at 7'
					Base of test pit - 8 ft., water table at approximately 8'
10					<p>Note: Foundation/wall approximately 75 ft. from fence line, likely former 54,000 cubic foot gas holder foundation. Tar saturated sand below water table. Multiple 1-4" pipes running east-west at 4-6' below ground surface near former Drip House. Collected tar sample from 4" pipe for petroleum fingerprint analysis. Sheen on water table but no evidence of NAPL.</p>
15					
20					
25					



Site Id: BBTP-11

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/10/02 - 01/10/02

Total Depth: 10.00'

Remarks: Samples selected for analysis at 6-7' and 9-10'.

Elevation: 23.55'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'			ppm		<p>Brown, fine-coarse sandy FILL w/some fine-coarse gravel, some brick at southern end of pit, two severed 4" pipes, loose, moist</p> <p>Brown, fine-coarse SAND w/f-c gravel, zones of heavy tar coating/staining</p> <p>Brown, fine-medium SAND, trace f gravel, pockets of heavy tar staining-saturated with tar, perched water at 4' by concrete wall</p> <p>Brown, fine SAND w/some medium-coarse sand, some fine-coarse gravel, heavy tar coating/staining from 7-8'</p> <p>Black, fine-coarse SAND w/some fine-coarse gravel, black staining-saturated with tar, solvent-like odor</p> <p>Base of test pit - 10 ft.</p> <p>Note: Multiple concrete walls (oil/tar separators) located in middle portion of test pit. In separators: brown, fine SAND w/medium-coarse sand and fine-coarse gravel, slight coal tar, dry. Water at northern end of test pit was black with sheen. Water in northern tar collection pit at 5' below ground surface had a naphthalene-like odor and LNAPL (possibly due to mixing of tar and water). Solid foundation at southern end of test pit. One 15" and two 4" pipelines running across test pit north of tar/oil collection pits.</p>
2-4'			ppm		
4-6'			ppm		
6-8'			ppm		
8-10'			ppm		



Site Id: BBTP-12

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/10/02 - 01/10/02

Total Depth: 8.00'

Remarks: Sample selected for analysis at 6-8'.

Elevation: 22.66'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
5 10 15 20 25	[RECOVERED]	0-2'	0.0 ppm	[GRAPHIC LOG]	Brown, FILL, medium-coarse SAND, little gravel, brick, moist
			20 ppm		
			40 ppm		Same as above
			40 ppm		
		2-4'	40 ppm		Brown/yellow, medium SAND, strong-moderate hydrocarbon-like odor, "light oil-like" odor
			40 ppm		
			65 ppm		
			60 ppm		
		4-6'	146 ppm		
			100 ppm		
			120 ppm		Dark gray-black, coarse SAND, clay lens at 7', gray staining from 6-7', black staining, strong-mod hydrocarbon-like odor, wet at 7'
			196 ppm		
6-8'	220 ppm				
	260 ppm				
	280 ppm	Base of test pit - 8 ft.			
<p>Note: Water has strong hydrocarbon-like odor and floating water/oil emulsion foam. Large 6" pipe at 2' below ground surface running east-west toward Bayshore West Parcel. Brick foundation at 4' below ground surface.</p>					



Site Id: BBTP-13

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 01/15/02 - 01/15/02

Total Depth: 8.00'

Remarks: Sample selected for analysis at 3-5'.

Elevation: 23.44'

Datum: Mean Sea Level

Logged By: Tom Fox

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
		0-2'	0.0 ppm		FILL/TOPSOIL
			0.0 ppm		
		2-4'	450 ppm		Black, SAND and GRAVEL, black staining, tar-like odor, loose, moist
			462 ppm		
			450 ppm		
		4-6'	500 ppm		Gray/yellow, medium-coarse SAND, moderate-strong naphthalene-like odor, loose, moist
			275 ppm		
			278 ppm		
		6-8'	462 ppm		Same as above
			470 ppm		
			472 ppm		
			485 ppm		
			492 ppm		
			500 ppm		
					Base of test pit - 8 ft., water table at approximately 8'
10					
15					
20					
25					
					Note: Water table at approximately 8' below ground surface w/sheen but no NAPL. 2" pipe at south end of test pit. 4" pipes at north end of test pit.



Site Id: BBTP-14

Location: Bay Shore/Brightwaters

Purpose: Test Pit

Date(s): 03/05/02 - 03/05/02

Total Depth: 9.00'

Remarks: Two samples selected for analysis at 7-9'.
7-9'(1) taken from south end of pit. 7-9'(2) taken from south-east end of pit.

Elevation: 23.47'

Datum: Mean Sea Level

Logged By: John Schafer

Drilling Method: Backhoe Excavation

Contractor: Action Environmental

Borehole Dia.:

Depth (ft)	Recovery	Sample Interval	PID	Graphic Log	Material Description
0-2'		0.0	0.0 ppm		Brown, silty sandy FILL w/gravel, brick, rebar at northern-middle section of test pit
		125	125 ppm		
2-4'		158	158 ppm		Black, silty sandy FILL w/gravel, coal, brick at southern-eastern end of test pit
		177	177 ppm		
4-6'		195	195 ppm		Brown, FILL, sand, gravel, coal
		181	181 ppm		
5		207	207 ppm		Brown, SAND and GRAVEL
		211	211 ppm		
6-8'		209	209 ppm		Gray-black, fine-coarse SAND, trace clay, heavy hydrocarbon-like odor
		227	227 ppm		
		247	247 ppm		Base of test pit - 9 ft.
		250	250 ppm		
		258	258 ppm		
		274	274 ppm		
		268	268 ppm		
		308	308 ppm		
10					
15					
20					
25					

Note: Water table at approximately 8' below ground surface (bgs).
Multiple concrete walls located throughout test pit. Steel wall at 3' bgs located in middle portion of pit. Two pipes (3" and 1") located at south-east end of pit.