

# MONITORING WELL ID: MW/SV15-1



Well Type: Monitoring Well

Project Location: 16525 Watson Drive, Surrey

Drilling Contractor: Uniwide Drilling Ltd.

Drilling Equipment/Method: Solid/Hollow Stem

Well Location: Centre portion of Site (Former Remedial Excavation)

Project Name/No.: 12164

Client: Anthem 16518 Fraser Developments Ltd.

Engineer/Geologist: CL

Drill Date: February 26, 2015

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)		Elevation (m)	Well Construction	Remarks
							ppm				
0		Ground Surface							0.000		
0 - 1		<b>SAND AND GRAVEL</b> Dark brown to grey silty SAND AND GRAVEL, with trace organics, loose, moist, no plasticity, odours and staining were not observed.		100	Y	MW15-1(0.3) and MW15-A	0.0				Nylon Tubing PVC Stickup (0.781 m)
1 - 2				100	Y	MW15-1(0.8) and MW15-B	0.0				
2 - 3				100	N	MW15-1(1.4)	0.0				
3 - 5		<b>CLAY</b> Light brown CLAY, with trace gravel, very stiff, moist, low plasticity, odours and staining were not observed.							-1.524		Soil Vapour Screen and 10/20 Silica Sand
5 - 8				100	N	MW15-1(2.4)	0.0				
8 - 11											Bentonite
11 - 13				100	N	MW15-1(3.8)	0.0				
13 - 15											
15 - 16				100	N	MW15-1(4.8)	0.0		-4.572		

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Co-ordinates:

Date of Water Level: March 2, 2015

Water Level (from TOC): 5.502 m

Surveyed Water Elevation (m): 94.444 m

Well-Borehole Diameter: 0.2 m

Well Casing Diameter: 0.05 m

Well Casing Material: Schedule 40 PVC

Well Screen Slot Size: 0.25 mm

Depth of Well (TOC): 92.285 m

Well Elevation (TOC): 99.946 m

Well Elevation (Ground): 99.165 m

Datum: 100 m

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)				Elevation (m)	Well Construction	Remarks	
							0	100	200	300				400
17	6	<b>CLAYEY SILT</b> Grey CLAYEY SILT, with trace gravel and cobbles, very stiff, moist to saturated, low plasticity, odours and staining were not observed.												
18		Saturated at approximately 4.7 to 5.0 mbg.												
19		Decreasing clay with depth. Increasing silt and cobbles with depth.												
20	7		100	N		MW15-1(5.9)	0.0							
21														
22														
23	8		100	N		MW15-1(6.9)	0.0							
24														
25														
26	9	<div style="border: 1px solid red; padding: 5px;">                     Any use which a third party makes of this document, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. CSAP/MOE/Keystone Environmental Ltd. are not responsible for any use or modification of this document. CSAP/MOE/Keystone Environmental Ltd. accept no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this document.                 </div>	100	N		MW15-1(8.4)	0.0							
27														
28														
29	10													
30		End of Hole												
31														
32														
33														
34														

Co-ordinates:	Well-Borehole Diameter: 0.2 m	Depth of Well (TOC): 92.285 m
Date of Water Level: March 2, 2015	Well Casing Diameter: 0.05 m	Well Elevation (TOC): 99.946 m
Water Level (from TOC): 5.502 m	Well Casing Material: Schedule 40 PVC	Well Elevation (Ground): 99.165 m
Surveyed Water Elevation (m): 94.444 m	Well Screen Slot Size: 0.25 mm	Datum: 100 m