

Log of Monitoring Well: MW13-11



Project Name/No: Stage II PSI / 1505-004.02

Drilling Company: McRae's Environmental Services Ltd. / Mud Bay Drilling Co. Ltd.

Client: Ministry of Technology, Innovation and Citizen's Services

Drilling Method: Hydrovac / Sonic

Date Drilled: July 12, 2013 / July 13, 2013

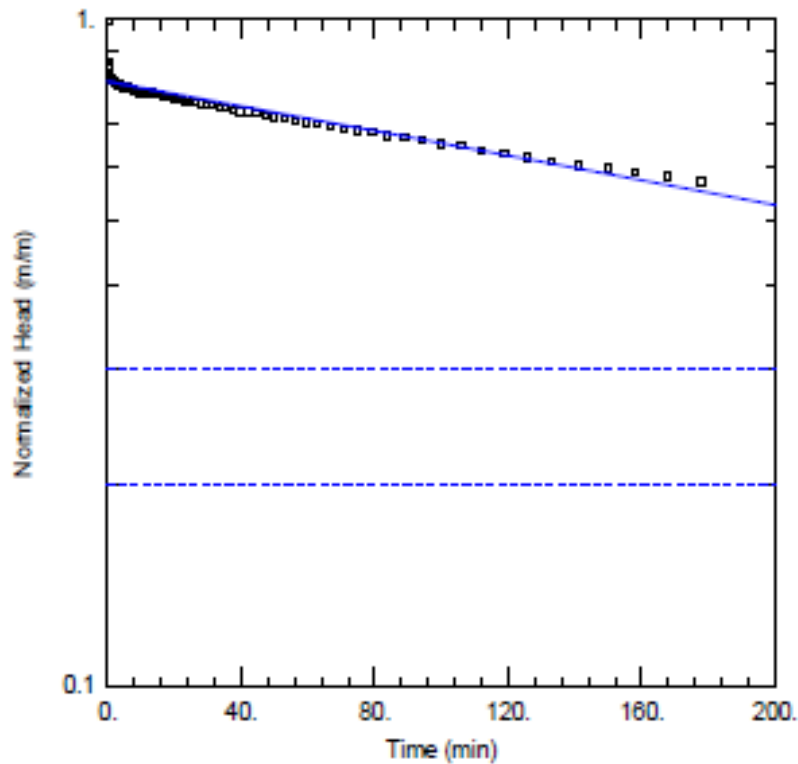
Logged by: AN

Site Location: South Block, Victoria, BC

Sheet: 1 of 1

SUBSURFACE PROFILE			SAMPLE					Backfill details	
Depth	Symbol	Description	Depth/Elev (m)	Sample ID	Analysed Y,N	Sample Type	Vapour ppm		LEL %
0		Ground Surface	0.00						
0		TOPSOIL Roots extend down to 3 feet	0.00	11-1	N	CP	15		
1		ORGANIC SAND							
2		SAND Medium grained, silty, brown, laminated, medium dense, moist	-1.22	11-2	Y	CP	20		
3									
4		SILT Sandy, grey, laminated, blocky, firm to stiff, moist	-1.83	11-3	N	CP	15		
5									
6		SILT Clayey, grey, firm, wet to saturated	-2.74				0		
7									
8		CLAY Some silt, grey, soft, wet to saturated	2.74	11-4	N				
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Well location: South Block	Well casing diameter: 0.05m / 0.025m	Depth of well (TOC): 2.938m / 12.344m
Depth to water level (TOC): 1.331m	Well casing material: PVC	Well Elevation (TOC): Not Surveyed
Date of water level: July 24, 2013	Well screen slot size: 10 slot schedule 40	Ground Elevation: Not Surveyed
Borehole diameter: 0.2m	Well screen Interval (bgs): 1.52m - 3.04m / 9.29m - 12.34m	



MW13-11 TEST 2

Data Set: Q:\...MW13-11 Test 2.aqt
 Date: 08/01/13

Time: 10:12:12

PROJECT INFORMATION

Company: Hemmera Envirochem Inc
 Client: Ministry of Technology, Innovation, Citizens' Services
 Project: 1505-004.02
 Location: Victoria, BC
 Test Well: MW13-11
 Test Date: 24 July 2013

AQUIFER DATA

Saturated Thickness: 10.97 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW13-11 Test 2)

Initial Displacement: 0.64 m Static Water Column Height: 8.822 m
 Total Well Penetration Depth: 8.822 m Screen Length: 1.524 m
 Casing Radius: 0.0127 m Well Radius: 0.0762 m

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice
 K = 4.756E-9 m/sec y0 = 0.5172 m