

SOAKAWAY TEST RESULTS

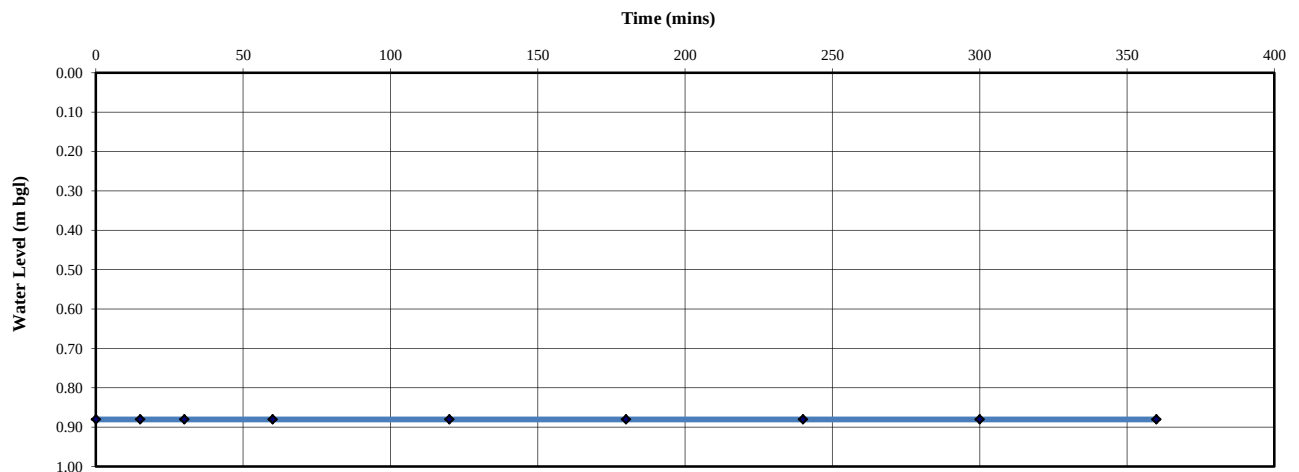
Date of Test: 01-06-16

Hole ID: SA1

Test No 1

Trial Pit Dimensions (m)	Length	Width	Depth	Depth for Analysis
	1.00	0.30	1.45	0.57

Time (mins)	Depth of water (m bgl)	Time (mins)	Depth of water (m bgl)	$V_{(p75-25)}$ = Effective storage volume in trial pit between effective depths 25% to 75%. = 0.09 m ³
0.0	0.880			
15.0	0.880			
30.0	0.880			
60.0	0.880			$a_{(p50)}$ = Initial surface area of trial pit up to 50% effective depth and including the base area. = 1.04 m ²
120.0	0.880			
180.0	0.880			
240.0	0.880			
300.0	0.880			$t_{(p75-25)}$ = Time for the water level to fall from 75 % to 25% effective depth. = min
360.0	0.880			
				Soil infiltration rate = $\frac{V_{(p75-25)}}{t_{(p75-25)} \times a_{(p50)} \times 60}$
				Depth _(25%) = 1.3075 Depth _(75%) = 1.023 m
				Soil infiltration rate = N/A m/sec
				Remarks Moist in base * Extrapolated soil infiltration rate



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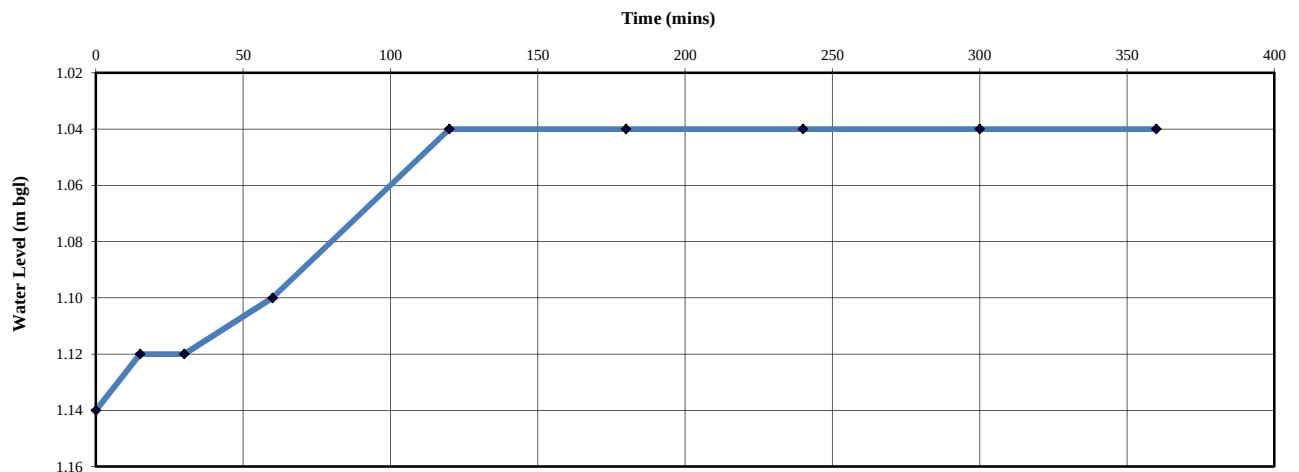
Date of Test: 01-06-16

Hole ID: SA2

Test No 1

Trial Pit Dimensions (m)	Length	Width	Depth	Depth for Analysis
	1.00	0.30	1.80	0.66

Time (mins)	Depth of water (m bgl)	Time (mins)	Depth of water (m bgl)	$V_{(p75-25)}$ = Effective storage volume in trial pit between effective depths 25% to 75%. = 0.10 m ³
0.0	1.140			
15.0	1.120			$a_{(p50)}$ = Initial surface area of trial pit up to 50% effective depth and including the base area. = 1.16 m ²
30.0	1.120			
60.0	1.100			$t_{(p75-25)}$ = Time for the water level to fall from 75 % to 25% effective depth. = min
120.0	1.040			
180.0	1.040			Soil infiltration rate = $\frac{V_{(p75-25)}}{t_{(p75-25)} \times a_{(p50)} \times 60}$
240.0	1.040			
300.0	1.040			Depth _(25%) = 1.635 Depth _(75%) = 1.305 m
360.0	1.040			
				Soil infiltration rate = N/A m/sec
				Remarks
				Dry in base. Slight wall collapse up to 120 mins.
				* Extrapolated soil infiltration rate



SOAKAWAY TEST RESULTS

Date of Test: 01-06-16

Hole ID: SA3

Test No 1

Trial Pit Dimensions (m)	Length	Width	Depth	Depth for Analysis
	1.00	0.30	1.47	0.61

Time (mins)	Depth of water (m bgl)	Time (mins)	Depth of water (m bgl)	$V_{(p75-25)}$ = Effective storage volume in trial pit between effective depths 25% to 75%. = 0.09 m ³
0.0	0.860			
15.0	0.860			
30.0	0.860			
60.0	0.860			$a_{(p50)}$ = Initial surface area of trial pit up to 50% effective depth and including the base area. = 1.09 m ²
120.0	0.860			
180.0	0.860			
240.0	0.860			
300.0	0.860			$t_{(p75-25)}$ = Time for the water level to fall from 75 % to 25% effective depth. = min
360.0	0.860			
				Soil infiltration rate = $\frac{V_{(p75-25)}}{t_{(p75-25)} \times a_{(p50)} \times 60}$
				Depth _(25%) = 1.3175 Depth _(75%) = 1.013 m
				Soil infiltration rate = N/A m/sec
				Remarks Dry in base. * Extrapolated soil infiltration rate

