

The Cottage, Kelk

Soakaway Test Data

TH1

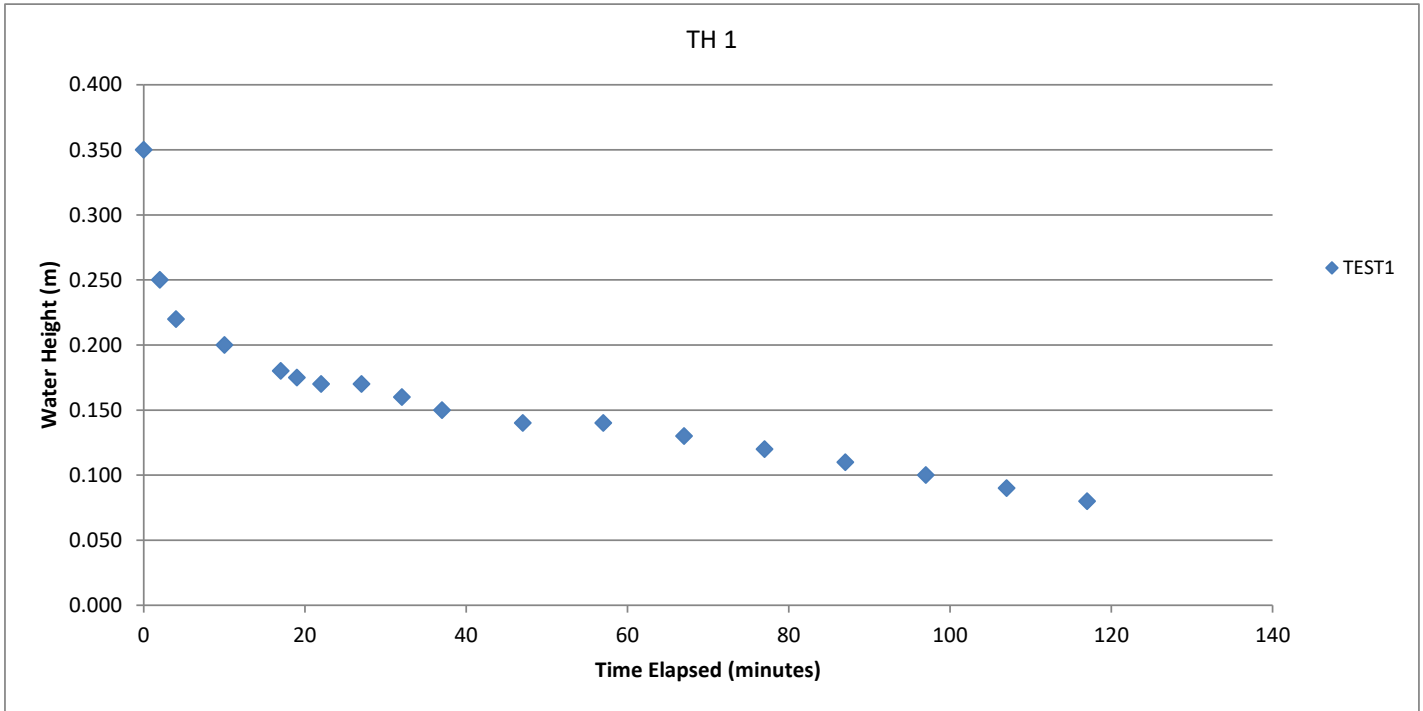
TEST 1

Real Time	Time elapsed (days hh:mm)	Time elapsed (minutes)	Depth to Water (m)	Water Height	Comment
27/08/2020 11:13	0 00:00	0	0.400	0.350	
27/08/2020 11:15	0 00:02	2	0.500	0.250	75%
27/08/2020 11:17	0 00:04	4	0.530	0.220	
27/08/2020 11:23	0 00:10	10	0.550	0.200	
27/08/2020 11:30	0 00:17	17	0.570	0.180	
27/08/2020 11:32	0 00:19	19	0.575	0.175	50%
27/08/2020 11:35	0 00:22	22	0.580	0.170	
27/08/2020 11:40	0 00:27	27	0.580	0.170	
27/08/2020 11:45	0 00:32	32	0.590	0.160	
27/08/2020 11:50	0 00:37	37	0.600	0.150	
27/08/2020 12:00	0 00:47	47	0.610	0.140	
27/08/2020 12:10	0 00:57	57	0.610	0.140	
27/08/2020 12:20	0 01:07	67	0.620	0.130	
27/08/2020 12:30	0 01:17	77	0.630	0.120	
27/08/2020 12:40	0 01:27	87	0.640	0.110	
27/08/2020 12:50	0 01:37	97	0.650	0.100	
27/08/2020 13:00	0 01:47	107	0.660	0.090	25%
27/08/2020 13:10	0 01:57	117	0.670	0.080	

TEST 1	
Total depth	0.750
H (m)	0.350
H _{75%} (m)	0.263
H _{50%} (m)	0.175
H _{25%} (m)	0.088

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TH 1



A_{P50}	TEST 1
Side (Round)	0.471
Base	0.018
A_{p50}	0.100
V_{p75-25}	0.003
t_{p75}	120
t_{p25}	6420
t_{p75-25}	6300
Soil infiltration rate, f (m/s)	4.90E-06

Upper Square Section	
Length/Width	0.200
Height	0.300

Lower Circular Section	
Diameter	0.150
Height	0.550