

Soakaway Calculations

Trial Pit & Test No.	STP1 Test 1
Site Name	Sarum Academy, Westwood Road, Salisbury SP2 9HS
Project No.	22247

Field Test

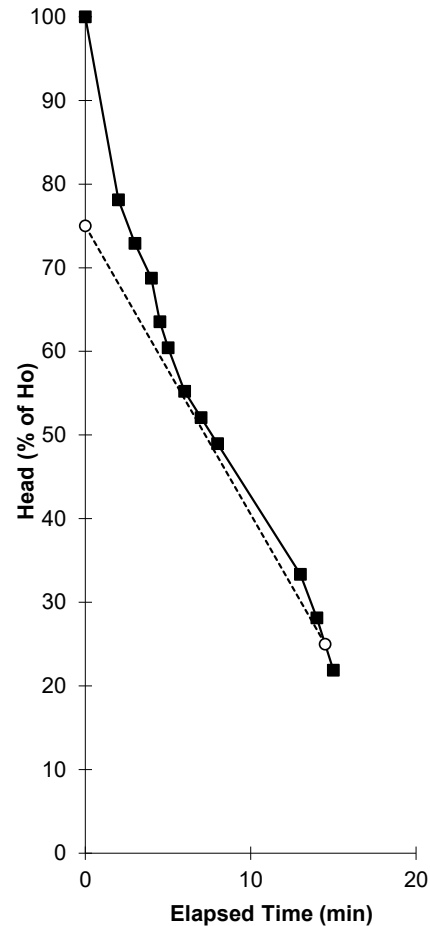
Trial Pit Log (include details of groundwater):

See trial Pit record

Depth of Pit	2.90 m
Width of Pit	1.30 m
Length of Pit	2.60 m
Starting Head of Water	0.96 m
as50	7.124 m ²
Vp75-25	1.6224 m ³
t75-25	14.5 min
water used	3.2448 m ³
f	2.6E-04 m/sec.

Field Data

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
1.94	0	100	0.96
2.15	2	78	0.75
2.20	3	73	0.70
2.24	4	69	0.66
2.29	5	64	0.61
2.32	5	60	0.58
2.37	6	55	0.53
2.40	7	52	0.50
2.43	8	49	0.47
2.58	13	33	0.32
2.63	14	28	0.27
2.69	15	22	0.21



T75	0.000	75
T25	14.500	25
T75-25	14.500	Derived from Best Fit

Comments

Pit experienced major collapse, reducing pit depth from 2.90m to 2.69m bgl.

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Soakaway Calculations

Trial Pit & Test No.	STP1 Test 2
Site Name	Sarum Academy, Westwood Road, Salisbury SP2 9HS
Project No.	22247

Field Test

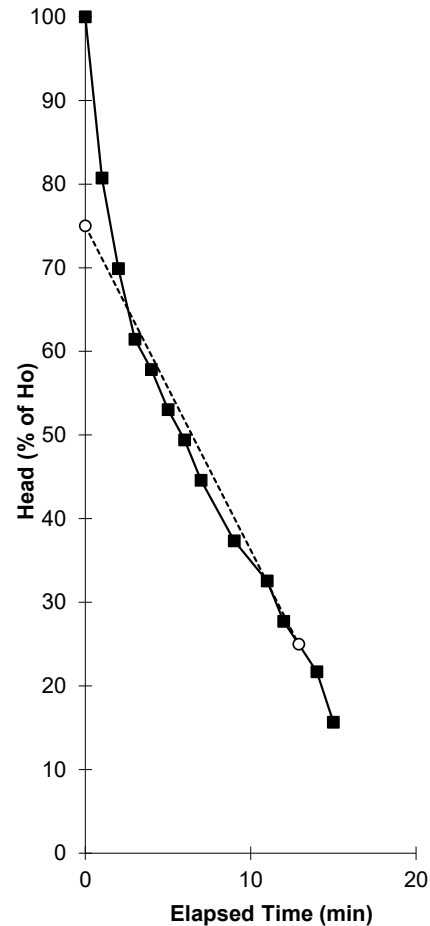
Trial Pit Log (include details of groundwater):

See trial Pit record

Depth of Pit	2.69 m
Width of Pit	1.30 m
Length of Pit	2.60 m
Starting Head of Water	0.83 m
as50	6.617 m ²
Vp75-25	1.4027 m ³
t75-25	12.9 min
water used	2.8054 m ³
f	2.7E-04 m/sec.

Field Data

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
1.86	0	100	0.83
2.02	1	81	0.67
2.11	2	70	0.58
2.18	3	61	0.51
2.21	4	58	0.48
2.25	5	53	0.44
2.28	6	49	0.41
2.32	7	45	0.37
2.38	9	37	0.31
2.42	11	33	0.27
2.46	12	28	0.23
2.51	14	22	0.18
2.56	15	16	0.13



T75	0.000	75
T25	12.900	25
T75-25	12.900	Derived from Best Fit

Comments

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Soakaway Calculations

Trial Pit & Test No.	STP1 Test 3
Site Name	Sarum Academy, Westwood Road, Salisbury SP2 9HS
Project No.	22247

Field Test

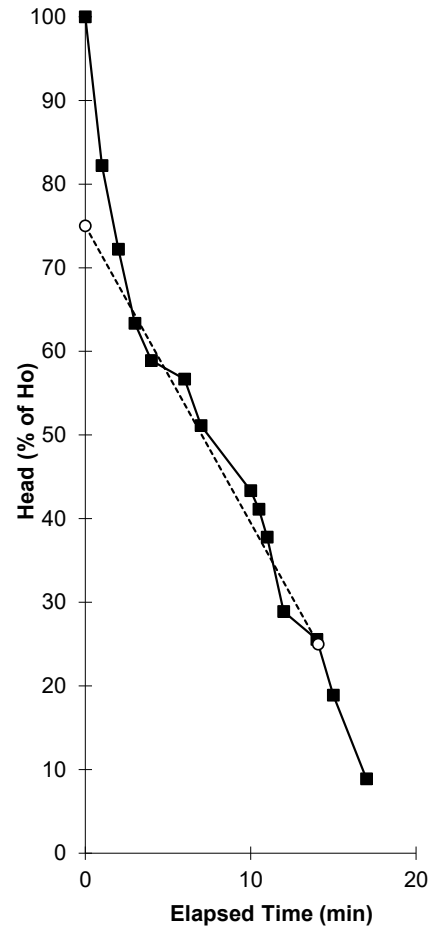
Trial Pit Log (include details of groundwater):

See trial Pit record

Depth of Pit	2.69 m
Width of Pit	1.30 m
Length of Pit	2.60 m
Starting Head of Water	0.90 m
as50	6.89 m2
Vp75-25	1.521 m3
t75-25	14.1 min
water used	3.0420 m3
f	2.6E-04 m/sec.

Field Data

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
1.79	0	100	0.9
1.95	1	82	0.74
2.04	2	72	0.65
2.12	3	63	0.57
2.16	4	59	0.53
2.18	6	57	0.51
2.23	7	51	0.46
2.30	10	43	0.39
2.32	11	41	0.37
2.35	11	38	0.34
2.43	12	29	0.26
2.46	14	26	0.23
2.52	15	19	0.17
2.61	17	9	0.08



T75	0.000	75
T25	14.083	25
T75-25	14.083	Derived from Best Fit

Comments

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