



# Soakaway Calculations

<b>Soakaway Test No.</b>	SA2 Test 1
<b>Contract:</b>	Romsey Avenue, Portchester
<b>Contract No.</b>	16020

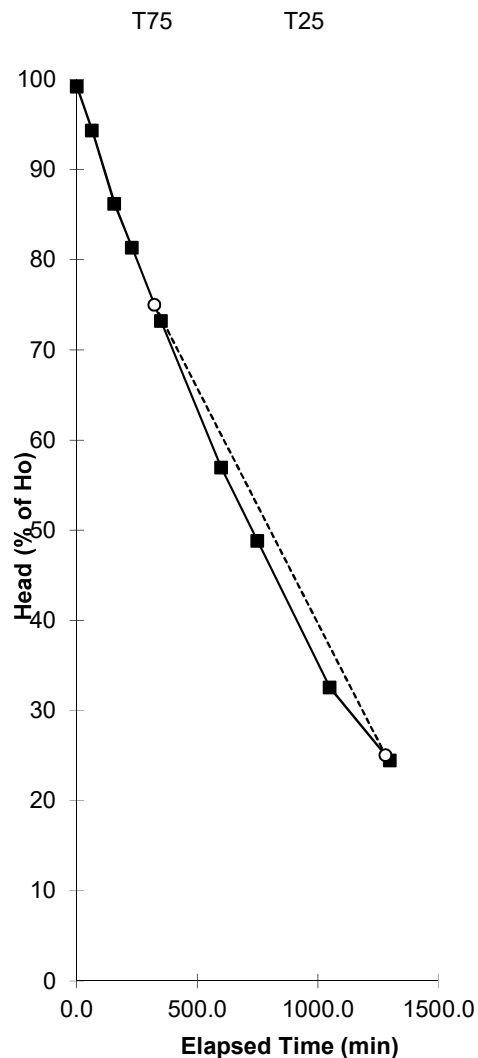
**Field Test**

Trial Pit Log (include details of groundwater):  
See trial Pit record

<b>Depth of Pit</b>	3.20 m
<b>Width of Pit</b>	0.60 m
<b>Length of Pit</b>	1.10 m
<b>Depth of Pit Soaked</b>	1.54 m
<b>ap50</b>	3.278 m <sup>2</sup>
<b>Vp75-25</b>	0.5082 m <sup>3</sup>
<b>t75-25</b>	958.3 min
<b>water used</b>	1.0164 m <sup>3</sup>
<b>f</b>	2.696E-06 m/sec.

**Field Data**

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
1.97	0	100	1.23
1.98	2.0	99	1.22
2.04	64.0	94	1.16
2.14	157.0	86	1.06
2.2	230.0	81	1.00
2.30	350.0	73	0.90
2.5	600.0	57	0.70
2.60	750.0	49	0.60
2.8	1050.0	33	0.40
2.90	1300.0	24	0.30



T75	323.000	75	
T25	1281.250	25	
T75-25	958.250	Derived from Best Fit	

**Comments**

Extrapolated past 157mins

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# Soakaway Calculations

<b>Soakaway Test No.</b>	SA3 Test 1
<b>Contract:</b>	Romsey Avenue, Portchester
<b>Contract No.</b>	16020

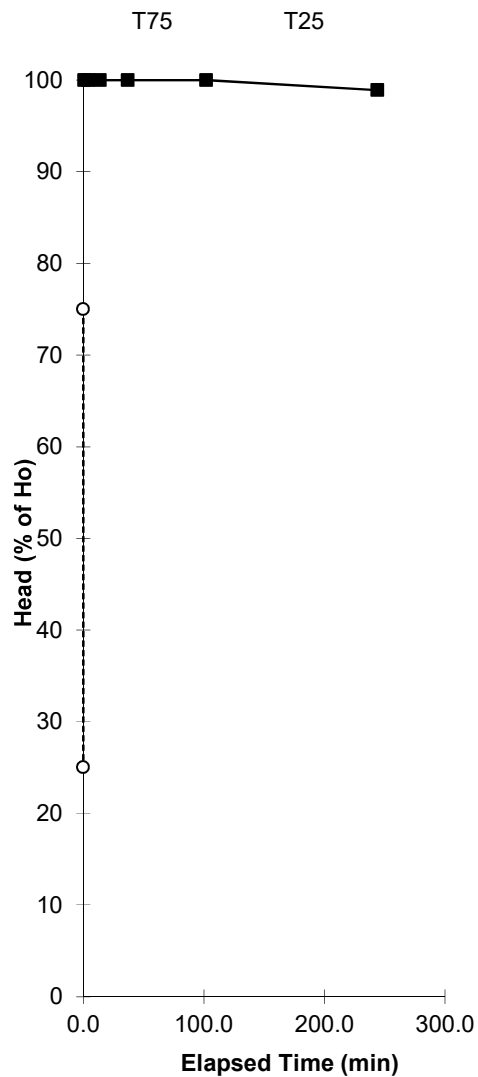
**Field Test**

Trial Pit Log (include details of groundwater):  
See trial Pit record

<b>Depth of Pit</b>	3.00 m
<b>Width of Pit</b>	0.60 m
<b>Length of Pit</b>	1.50 m
<b>Depth of Pit Soaked</b>	1.03 m
<b>ap50</b>	3.063 m <sup>2</sup>
<b>Vp75-25</b>	0.4635 m <sup>3</sup>
<b>t75-25</b>	0.0 min
<b>water used</b>	0.9270 m <sup>3</sup>
<b>f</b>	#DIV/0! m/sec.

**Field Data**

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
2.09	0	100	0.91
2.09	1.0	100	0.91
2.09	4.0	100	0.91
2.09	14.0	100	0.91
2.09	37.0	100	0.91
2.09	102.0	100	0.91
2.1	244.0	99	0.90



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

**Comments**

Negligible Infiltration

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# Soakaway Calculations

<b>Soakaway Test No.</b>	SA5 Test 1
<b>Contract:</b>	Romsey Avenue, Portchester
<b>Contract No.</b>	16020

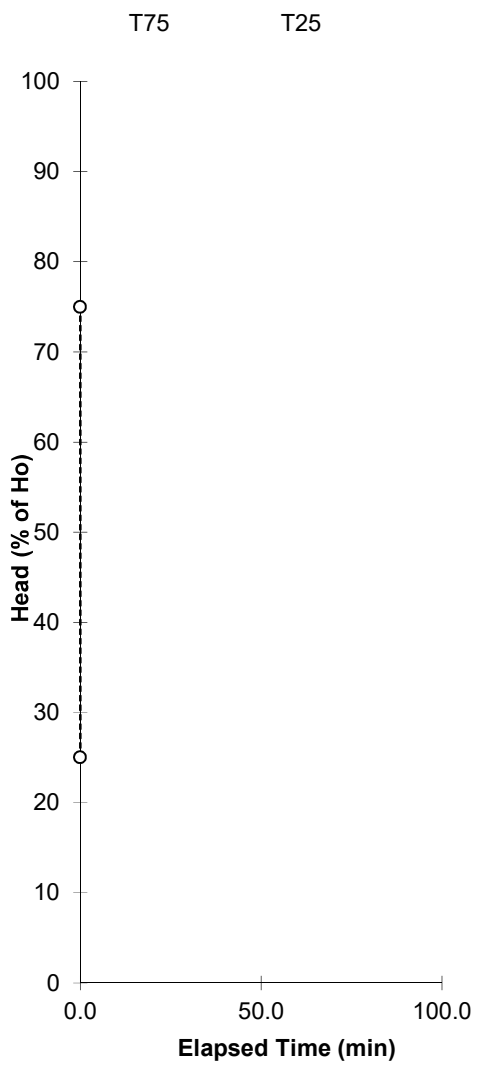
**Field Test**

Trial Pit Log (include details of groundwater):  
See trial Pit record

<b>Depth of Pit</b>	3.00 m
<b>Width of Pit</b>	0.60 m
<b>Length of Pit</b>	1.50 m
<b>Depth of Pit Soaked</b>	1.08 m
<b>ap50</b>	3.168 m <sup>2</sup>
<b>Vp75-25</b>	0.486 m <sup>3</sup>
<b>t75-25</b>	0.0 min
<b>water used</b>	0.9720 m <sup>3</sup>
<b>f</b>	#DIV/0! m/sec.

**Field Data**

Depth to Water (m)	Elapsed Time (min)	Head of Water (% of Ho)	Head of Water (m)
1.92	0	100	1.08
1.90	95.0	102	1.10



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

**Comments**  
Zero infiltration.