Aquatech Drains Services Ltd

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Former Storrington Squash Club
Greyfriars Lane
Storrington
West Sussex
RH20 4HE

23.07.2026

Dear Sirs

The following investigation was carried out at the above property on Thursday 16th July 2026.

Description of Site Works:

The purpose of the investigation works was to supply soakaway test data in accordance with BRE 365 Standard.

The test location was selected to provide a sufficient testing of the surrounding subsoils in order to progress with the development planning. The attached figure 1. Illustrates the location of the trial pit.

The trial pits were excavated on 16th July to a depth of 2.2m metres below ground level.

On the 16th July, two fillings in quick succession was achieved using our water bowser, while monitoring the rate of seepage by taking dip readings from the ground level to the water level at each specific interval.

Site Findings

Soakaway Testing

The trial pit records and soil infiltration results can be seen below.

TP01 consisted of approx. 0.05m of asphalt, 0.35m of cobbled sand, 0.7m of loamy sand, and 1.1m of soft sand.

Testing of the trial pit gave soil infiltration results as shown in the below table. These infiltration characteristics of the sub soils are considered sufficient for the distribution of surface water via soakaway methods.
With that said, sizing will have to be proportionate to the infiltration rates.

Groundwater

During the time of the excavation to the time of the soakaway testing groundwater was not encountered during this period.

Trial Pit No.	Test 1 (m/s)	Test 2 (m/s)	Test 3 (m/s)
Trial pit 1	1.04 x10^{-5}	1.06 x10^{-5}	-

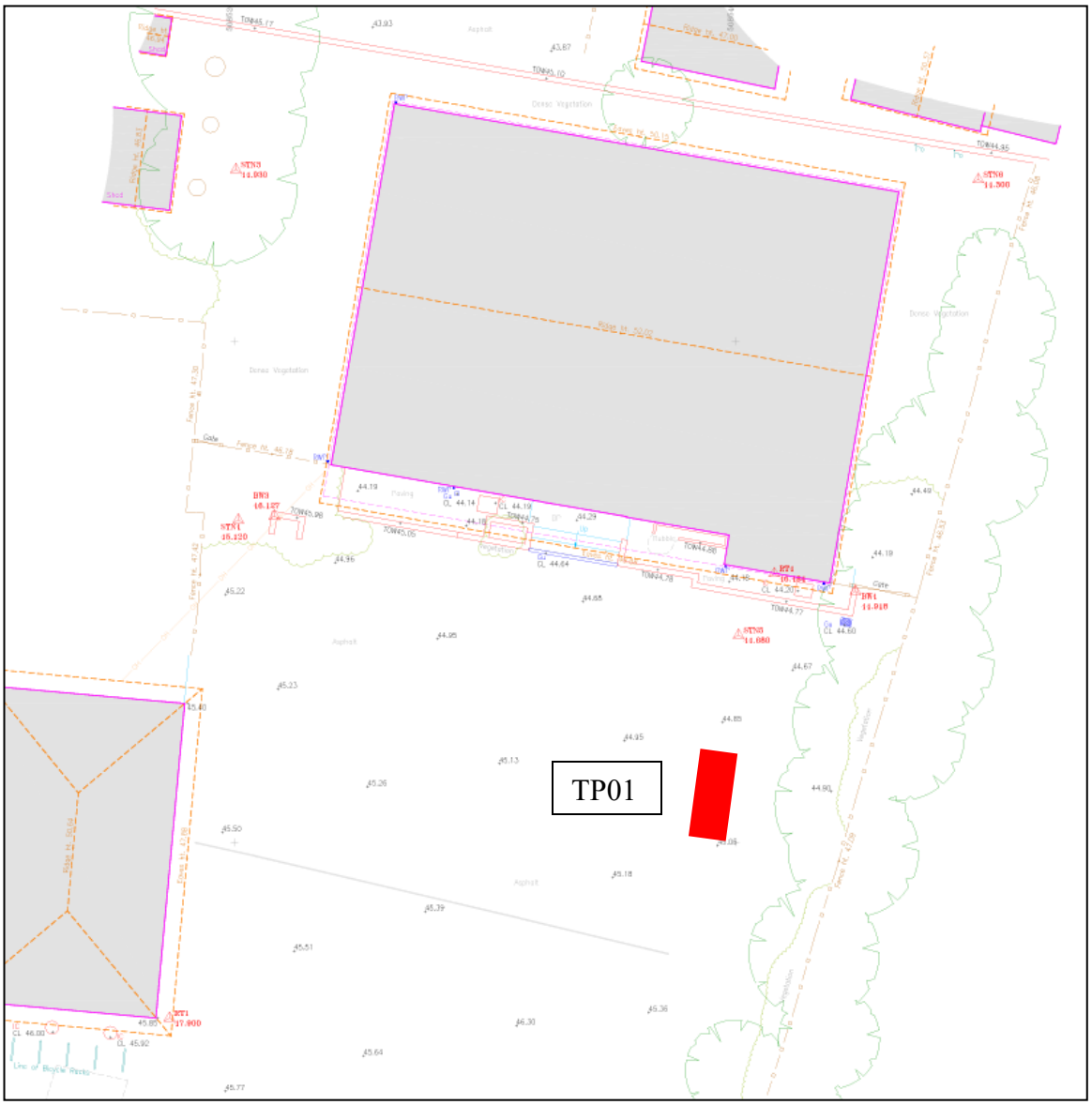

Figure 1. Location of TP01 (shown in red).

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TP01: Infiltration Test 1	**Location:** Former Storrington Squash Club	**Date:** 23.07.2026	**Engineer:** CS

Minutes	Depth below ground level (m)
0	1.85
5	1.90
10	1.91
15	1.92
20	1.94
25	1.945
30	1.95
35	1.96
40	1.97
45	1.97
50	1.98
55	1.99
60	2.00
65	2.005
70	2.01
75	2.02
80	2.025
85	2.03
90	2.04
95	2.045
100	2.05
105	2.06
110	2.07
115	2.075
120	2.08
125	2.085
130	2.09
135	2.095
140	2.10

Minutes	Depth below ground level (m)
145	2.11
150	2.12
155	2.13
160	2.135
165	2.14
170	2.145
175	2.15
180	2.16
185	2.17
190	2.175
195	2.18
200	2.19
205	2.20

Notes:

Infiltration test took 205 minutes to completely empty.

Soil Infiltration Rate:

F = 1.04 x10^{-5} m/s

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Test Results Infiltration Test 2	**Location:** Former Storrington Squash Club	**Date:** 23.07.2026	**Engineer:** CS

Minutes	Depth below ground level (m)
0	1.67
5	1.71
10	1.75
15	1.77
20	1.78
25	1.80
30	1.81
35	1.82
40	1.83
45	1.84
50	1.86
55	1.87
60	1.88
65	1.89
70	1.90
75	1.905
80	1.91
85	1.92
90	1.93
95	1.935
100	1.945
105	1.95
110	1.96
115	1.97
120	1.975
125	1.985
130	1.99
135	2.00
140	2.01

Minutes	Depth below ground level (m)
145	2.02
150	2.03
155	2.04
160	2.045
165	2.055
170	2.06
175	2.07
180	2.08
185	2.09
190	2.10
195	2.105
200	2.11
205	2.12
210	2.13
215	2.14
220	2.145
225	2.155
230	2.165
235	2.17
240	2.18
245	2.19
250	2.20

Notes:

Infiltration test took 250 minutes to completely empty.

Soil Infiltration Rate:

F = 1.06 x10^{-5} m/s

Site Photos:











