

Appendix C

Soakaway Test Results

Offices:

Romsey The Old Brewery House, Portersbridge St, Romsey, Hampshire, SO51 8DJ
Bath 2nd Floor, Unit 7, Riverside Court, Bath BA2 3DZ

Registration:

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	Thickness (mm)	In-situ CBR (%)	Thickness (mm)	In-situ CBR (%)	Thickness (mm)	In-situ CBR (%)	Thickness (mm)	In-situ CBR (%)	Thickness (mm)	In-situ CBR (%)
DCP01	375mm	22%	430mm	8%	-	-	-	-	-	-
DCP02	40mm	6%	125mm	25%	5mm	239%	505mm	12%	80mm	16%
DCP03	110mm	16%	50mm	32%	260mm	21%	90mm	36%	335mm	16%

6.9. Surface Water Disposal

Soakaway testing in accordance with BRE365 was undertaken within TP01 – TP08 within the Head Deposits and the results are tabulated below.

Soakage Testing Results						
Trial Hole	Test Number	Depth (m bgl)	Start Depth (m bgl)	Finish Depth (m bgl)	Time Taken (mins)	Infiltration Rate (m/sec)
TP01	1	1.00	0.60	1.00	60	4.22×10^{-5}
	2	1.00	0.18	0.88	94	3.76×10^{-5}
	3	1.00	0.40	0.93	90	4.14×10^{-5}
TP02	1	1.00	0.54	1.00	20	1.85×10^{-4}
	2	1.00	0.45	1.00	69	8.42×10^{-5}
	3	1.00	0.39	0.97	60	7.18×10^{-5}
TP03	1	1.00	0.10	1.00	50	9.90×10^{-5}
	2	1.00	0.39	0.91	70	6.02×10^{-5}
	3	1.00	0.45	0.93	90	4.36×10^{-5}
TP04	1	1.00	0.53	1.00	30	2.02×10^{-4}
	2	1.00	0.30	0.90	70	5.94×10^{-5}
	3	1.00	0.37	0.95	95	3.88×10^{-5}
TP05	1*	1.00	0.17	0.62	240	7.52×10^{-6}
	2	-	-	-	-	-
	3	-	-	-	-	-
TP06	1*	1.00	0.17	0.61	240	7.06×10^{-6}
	2	-	-	-	-	-
	3	-	-	-	-	-
TP07	1*	1.00	0.14	0.69	240	9.75×10^{-6}
	2	-	-	-	-	-
	3	-	-	-	-	-
TP08	1	1.00	0.20	1.00	39	7.56×10^{-5}
	2	1.00	0.26	1.00	53	5.87×10^{-5}
	3	1.00	0.24	0.81	85	2.38×10^{-5}
*Given the relatively slow infiltration rate encountered, only one test could be undertaken and it did not reach 75% mark.						

Any soakaways should be located sufficiently away from buildings and infrastructure, in order to prevent undermining of foundations.

The submission of a Sustainable Urban Drainage Scheme (SUDS) is likely to be required for this site due to the proposed development increasing the amounts of hardstanding.

Consultation with the Environment Agency must be sought regarding any use that may have an impact on groundwater resources, abstractions and surface water features/watercourses.