					Undefended									
Map Reference	Model Node Reference	Easting	Northing	Data	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 year)	3.33 % AEP (1 in 30 year)	2 % AEP (1 in 50 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 20% Increase Flow*	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)
1	ea013_0205_RAND01_0466	401296	380495	Modelled Water Level (m aodN)	170.46	170.59	170.71	170.79	170.89	170.96	170.98	170.98	171.03	172.25
				Modelled Flow (cumecs)	16.25	19.26	22.27	24.14	26.80	28.89	30.89	34.03	34.18	54.96
2	ea013_0205_RAND01_0363	401237	380578	Modelled Water Level (m aodN)	169.37	169.51	169.63	169.72	169.84	169.95	170.03	170.17	170.15	170.86
				Modelled Flow (cumecs)	16.21	19.25	22.27	24.14	26.86	29.03	30.98	34.02	34.03	54.36
3	ea013_0205_RAND01_0255	401138	380595	Modelled Water Level (m aodN)	168.34	168.50	168.64	168.73	168.85	168.94	169.03	169.25	169.29	170.76
				Modelled Flow (cumecs)	16.21	19.26	22.27	24.14	26.85	28.90	30.43	32.10	30.74	31.10
4	ea013_0205_RAND01_0149	401103	380717	Modelled Water Level (m aodN)	166.93	167.07	167.21	167.28	167.40	167.48	167.56	167.69	167.70	168.39
				Modelled Flow (cumecs)	16.21	19.27	22.27	24.14	26.85	29.03	30.97	33.98	33.87	50.45
5	ea013_0205_RAND01_0084	401096	380781	Modelled Water Level (m aodN)	166.07	166.25	166.43	166.53	166.68	166.82	166.95	167.15	167.16	168.51
				Modelled Flow (cumecs)	16.20	19.27	22.27	24.15	26.85	29.03	30.97	33.99	33.90	54.84

					Undefended
Map Reference	Model Node Reference	Easting	Northing	Data	0.1 % AEP (1 in 1000 year)
Site	2D Measure	401118	380635	Modelled Water Level (m aodN)	170.52

Model data taken from River Goyt at Whaley Bridge 2015

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes:

*Climate Change Scenario - We only hold climate change measurements based on the previous climate change guidance (20% increase in flow). The new climate change guidance is available at https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances.

The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.