					Undefended												Defended											
Map Reference	Model Node Reference	Easting	Northing	Data	50 % AEP (1 in 2 year)	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 year)	4 % AEP (1 in 25 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) + 30% Increase in flow	1 % AEP (1 in 100 year) + 35% Increase in flow	1 % AEP (1 in 100 year) + 70% Increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 30% Increase in flow	50 % AEP (1 in 2 year)	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 year)	4 % AEP (1 in 25 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) + 30% Increase in flow	1 % AEP (1 in 100 year) + 35% Increase in flow	1 % AEP (1 in 100 year) + 70% Increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 30% Increase in flow
1	ea013_0238_CRN01_4174d	387826	393229	Modelled Water Level (m aodN)	55.20	55.29	55.37	55.43	55.46	55.54	55.57	55.61	55.72	55.73	55.83	55.67	55.87	56.01	55.20	55.29	55.37	55.43	55.46	55.54	55.57	55.61	55.72	55.73	55.83	55.67	55.87	56.01
				Modelled Flow (cumecs)	1.60	1.64	1.65	1.65	1.66	1.65	1.66	1.66	1.67	1.68	1.68	1.66	1.69	1.68	1.60	1.64	1.65	1.65	1.66	1.65	1.66	1.66	1.67	1.68	1.68	1.66	1.69	1.68
2	ea013_0238_CRN01_2631x	387417	393509	Modelled Water Level (m aodN)	50.49	50.71	50.95	51.17	51.26	51.47	51.49	51.51	51.67	51.68	51.73	51.63	51.77	51.82	50.49	50.71	50.95	51.17	51.26	51.47	51.49	51.51	51.67	51.68	51.73	51.63	51.77	51.82
				Modelled Flow (cumecs)	1.67	2.16	2.62	2.97	3.09	3.37	3.41	3.43	3.54	3.55	3.56	3.55	3.50	3.45	1.67	2.16	2.62	2.97	3.09	3.37	3.41	3.43	3.54	3.55	3.56	3.55	3.50	3.45
3	ea013_0238_CRN01_2642i	386596	393652	Modelled Water Level (m aodN)	42.87	43.04	43.40	43.62	43.67	43.93	44.09	44.18	44.59	44.64	44.86	44.41	44.99	45.10	42.87	43.04	43.40	43.62	43.67	43.93	44.09	44.18	44.59	44.64	44.86	44.41	44.99	45.10
				Modelled Flow (cumecs)	1.87	2.41	3.00	3.40	3.49	3.91	4.18	4.33	4.96	5.13	5.85	4.67	6.39	7.16	1.87	2.41	3.00	3.40	3.49	3.91	4.18	4.33	4.96	5.13	5.85	4.67	6.39	7.16
4	ea013_0238_CRN01_2102d	386193	393412	Modelled Water Level (m aodN)	40.13	40.26	40.41	40.51	40.53	40.60	40.62	40.63	40.69	40.70	40.72	40.67	40.78	40.81	40.13	40.26	40.41	40.51	40.53	40.60	40.62	40.63	40.69	40.70	40.72	40.67	40.78	40.81
				Modelled Flow (cumecs)	3.03	3.70	4.57	4.83	4.87	5.12	5.29	5.42	6.33	6.49	7.76	5.97	10.89	13.25	3.03	3.70	4.57	4.83	4.87	5.10	5.29	5.42	6.33	6.49	7.76	5.97	10.89	13.25

					Undefended			Defended		
Map Reference	Model Node Reference	Easting	Northing	Data	1 % AEP (1 in 100 year) + 70% Increase in flow	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 30% Increase in flow	1 % AEP (1 in 100 year) + 70% Increase in flow	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 30% Increase in flow
5	2D Levels	386885	393146	Modelled Water Level (m aodN)	48.12	48.14	48.14	48.12	48.14	48.15
6		386895	393147	Modelled Water Level (m aodN)	48.19	48.24	48.24	48.19	48.24	48.24

Model data taken from Cringle Brook 2017

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes: *Climate Change Scenario - 30% and 70% increases in flow calculated for the 2080's (2070 -2115). Please see https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances for more information regarding the new climate change guidance. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.