					Undefended										
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
1	ea013_0249_com3908	384114	396109	Modelled Water Level (m aodN)	32.15	32.28	32.37	32.44	32.51	32.77	33.26	33.47	33.75	33.79	34.02	33.83	34.34	34.46
				Modelled Flow (cumecs)	2.66	1.21	0.58	0.56	1.32	0.39	4.40	0.34	2.11	0.81	1.57	0.47	0.76	0.24
2	ea013_0248_com3215	383460	395995	Modelled Water Level (m aodN)	30.61	30.71	30.80	30.90	31.01	31.93	32.43	32.58	32.78	32.81	32.99	32.84	33.28	33.39
				Modelled Flow (cumecs)	2.33	0.28	2.05	2.47	1.03	1.46	2.93	0.53	0.34	1.70	1.03	1.72	6.63	5.98
3	ea013_0248_com2587	382945	396147	Modelled Water Level (m aodN)	29.22	29.36	29.46	29.55	29.63	29.95	30.07	30.16	30.34	30.39	30.82	30.47	31.73	31.99
				Modelled Flow (cumecs)	2.03	0.63	0.19	0.27	0.46	0.42	3.47	4.51	0.49	5.10	2.24	1.57	0.70	1.63

					Undefended
Map Reference	Model Node Reference	Easting	Northing	Data	0.1 % AEP (1 in 1000 year) + 30% increase in flow
8	2D Levels	381425	394690	Height Grid (mAOD)	27.18
				Depths Grid (Meters)	0.16
9		381438	394685	Height Grid (mAOD)	27.18
				Depths Grid (Meters)	0.49

Model data taken from Corn Brook 2017
AEP - Annual Exceedence Probability
m aodN - metres above ordnance datum Newlyn
cumecs - cubic metres per second

Notes: *Climate Change Scenario - 30%, 35% 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.

					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)	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) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	50 % AEP (1 in 2 year)	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 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) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 53% increase in flow
4	ea013_0317_03314	383317	393550	Modelled Water Level (m aodN)	27.19	28.26	28.96	29.51	29.72	29.76	29.78	29.88	29.90	29.95	29.83	30.17	30.05	27.20	28.26	28.96	29.56	29.75	29.78	29.80	29.89	29.91	29.96	29.84	30.05	30.17
				Modelled Flow (cumecs)	14.70	19.25	22.47	24.73	25.56	25.76	25.64	26.28	26.35	26.50	26.13	27.05	26.50	14.73	19.26	22.48	25.14	25.91	26.09	26.19	26.53	26.59	26.73	26.41	26.95	27.22
5	ea013_0317_02413	382298	393347	Modelled Water Level (m aodN)	26.18	26.95	27.47	27.94	28.00	28.02	28.03	28.14	28.18	28.26	28.09	28.48	28.29	26.18	26.95	27.48	27.87	28.01	28.04	28.05	28.15	28.19	28.27	28.09	28.31	28.49
				Modelled Flow (cumecs)	14.53	18.02	19.31	20.22	20.50	20.70	21.41	20.77	20.87	21.87	20.80	24.97	22.12	14.54	18.02	19.34	20.18	20.78	20.50	20.66	20.95	21.00	22.00	20.91	21.70	25.18
6	ea013_0317_01493	381479	393251	Modelled Water Level (m aodN)	24.25	24.44	24.55	24.64	24.69	24.71	24.71	24.78	24.81	24.90	24.74	25.12	24.85	24.25	24.44	24.55	24.65	24.71	24.73	24.74	24.85	24.88	24.97	24.77	24.93	25.19
				Modelled Flow (cumecs)	14.61	18.62	21.08	23.34	24.53	24.98	25.13	26.83	27.40	28.94	25.87	32.53	28.23	14.62	18.63	21.09	23.49	24.78	25.17	25.40	26.94	27.52	29.11	25.14	28.39	32.77
7	ea013_0317_00511	380928	393302	Modelled Water Level (m aodN)	21.87	22.11	22.23	22.29	22.32	22.33	22.33	22.37	22.39	22.44	22.35	22.67	22.40	21.88	22.11	22.27	22.42	22.51	22.54	22.56	22.69	22.74	22.88	22.62	22.82	23.14
				Modelled Flow (cumecs)	14.76	18.79	20.66	21.64	22.12	22.27	22.32	22.98	23.18	24.02	22.61	28.97	23.44	14.78	18.80	21.27	23.64	24.95	25.35	25.61	27.33	28.01	29.76	26.38	28.96	33.34

					Undefended					Defended				
Map Reference	Model Node Reference	Easting	Northing	Data	1 % AEP (1 in 100 year) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 1000 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 1000 year) + 53% increase in flow
8	2D Levels	381425	394690	Height Grid (mAOD)	27.26	27.33	27.47	27.46	27.64	27.24	27.31	27.45	27.44	27.63
				Depths Grid (Meters)	0.28	0.34	0.48	0.47	0.66	0.25	0.32	0.46	0.45	0.65
9		381438	394685	Height Grid (mAOD)	27.26	27.33	27.47	27.46	27.65	27.24	27.31	27.45	27.44	27.64
				Depths Grid (Meters)	0.53	0.59	0.73	0.72	0.91	0.50	0.57	0.71	0.70	0.90

Model data taken from Chorlton Brook Gore 2024
AEP - Annual Exceedence Probability
m aodN - metres above ordnance datum Newlyn
cumecs - cubic metres per second

Notes: *Climate Change Scenario - 30%, 35% 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.