

Proposed GLASSWALLED Scenario PR01(GLW) - Model v004

Draft Peak Flood Elevation in mAOD

Further modelling to be undertaken, when development design completed, to assess:

- on-site flood risk
- off-site impacts
- residual risk
- sensitivity to storm duration
- sensitivity to modelling choices

Model node	Location	20% AEP	10% AEP	5% AEP	1% AEP	1% AEP	1% AEP
		2 hour storm	2 hour storm	2 hour storm	2 hour storm	CC 37% 2 hour storm	CC 51% 2 hour storm
PR01U_0385.1	DS of long culvert	54.89	54.99	55.10	55.39	55.72	55.88
PR01U_0322.1		53.68	53.76	53.84	54.07	54.29	54.42
PR01U_0248.1		52.28	52.33	52.38	52.53	52.67	52.75
PR01U_0170.1		50.84	50.86	50.89	50.95	51.01	51.04
PR01U_0142.1		50.22	50.23	50.24	50.27	50.29	50.30
PR01U_0121.1		49.81	49.81	49.81	49.81	49.81	49.81
PR01U_0092.1		49.23	49.23	49.24	49.25	49.26	49.27
PR01U_0090.1		49.22	49.23	49.24	49.25	49.26	49.27
PR01U_0045.1	Start of existing channel	44.91	44.92	44.92	44.94	44.95	44.96
PR01U_0045.2		44.61	44.61	44.62	44.63	44.64	44.65
TB01_0814.1	End of existing channel	42.79	42.79	42.79	42.79	42.80	42.84
TB01_0766.1		41.91	41.93	41.96	42.03	42.11	42.17
TB01_0766w.2		42.81	42.81	42.81	42.81	42.82	42.82
TB01_0726.1		41.27	41.29	41.32	41.38	41.47	41.52
PR01L_0187.1		40.41	40.46	40.50	40.60	40.72	40.79
PR01L_0158.1		40.41	40.46	40.50	40.60	40.72	40.79
PR01L_0144.1		40.41	40.45	40.49	40.59	40.71	40.78
PR01L_0138.1		40.41	40.45	40.49	40.59	40.71	40.78
PR01L_0132.1		39.80	39.81	39.82	39.85	39.89	39.91
PR01L_0124.1		39.77	39.78	39.79	39.82	39.86	39.88
PR01L_0118.1	Pond 1	39.73	39.74	39.75	39.78	39.82	39.84
PR01L_0093.1		39.62	39.63	39.64	39.67	39.71	39.73
PR01L_0056.1		39.44	39.46	39.47	39.50	39.54	39.56
PR01L_0023.1		39.29	39.31	39.32	39.35	39.39	39.42
PR01L_0005.1		39.23	39.24	39.25	39.29	39.32	39.34
PR01L_0000.1		39.21	39.22	39.23	39.27	39.30	39.32
PR01L_0000.2		38.99	38.99	38.99	38.99	38.99	38.99
TB01_0415.1		38.80	38.81	38.81	38.83	38.85	38.86
TB01_0415.2		38.65	38.65	38.65	38.65	38.65	38.65
TB01_0319B.2		37.82	37.84	37.86	37.90	37.96	38.00
TB01_0319Aw.2	Pond 2	37.61	37.61	37.61	37.61	37.61	37.61
TB01_0319A.1		37.83	37.85	37.87	37.92	37.99	38.02
TB01_0319A.2		37.82	37.84	37.86	37.90	37.96	38.00
TB01_0238.1		34.94	34.95	34.95	34.96	34.98	34.99
TB01_0238.2		34.93	34.93	34.93	34.94	34.94	34.95
TB01_0203.1		34.17	34.18	34.22	34.27	34.36	34.41
TB01_0203.2		34.13	34.14	34.15	34.17	34.20	34.22
TB01_0181.1		33.73	33.74	33.75	33.79	33.83	33.86
TB01_0181.2		33.71	33.72	33.72	33.75	33.79	33.80
TB01_0042.1		30.70	30.70	31.18	31.19	31.19	31.37
TB01_0042.2	Motorway culvert	30.70	30.70	31.18	31.19	31.19	31.37
MwayCulvert.1		30.00	30.06	30.17	30.38	30.61	31.39
MwayCulvert.2		29.67	29.69	29.75	29.85	29.93	29.96