

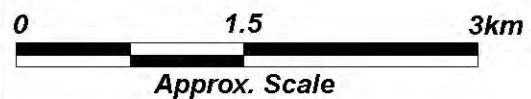
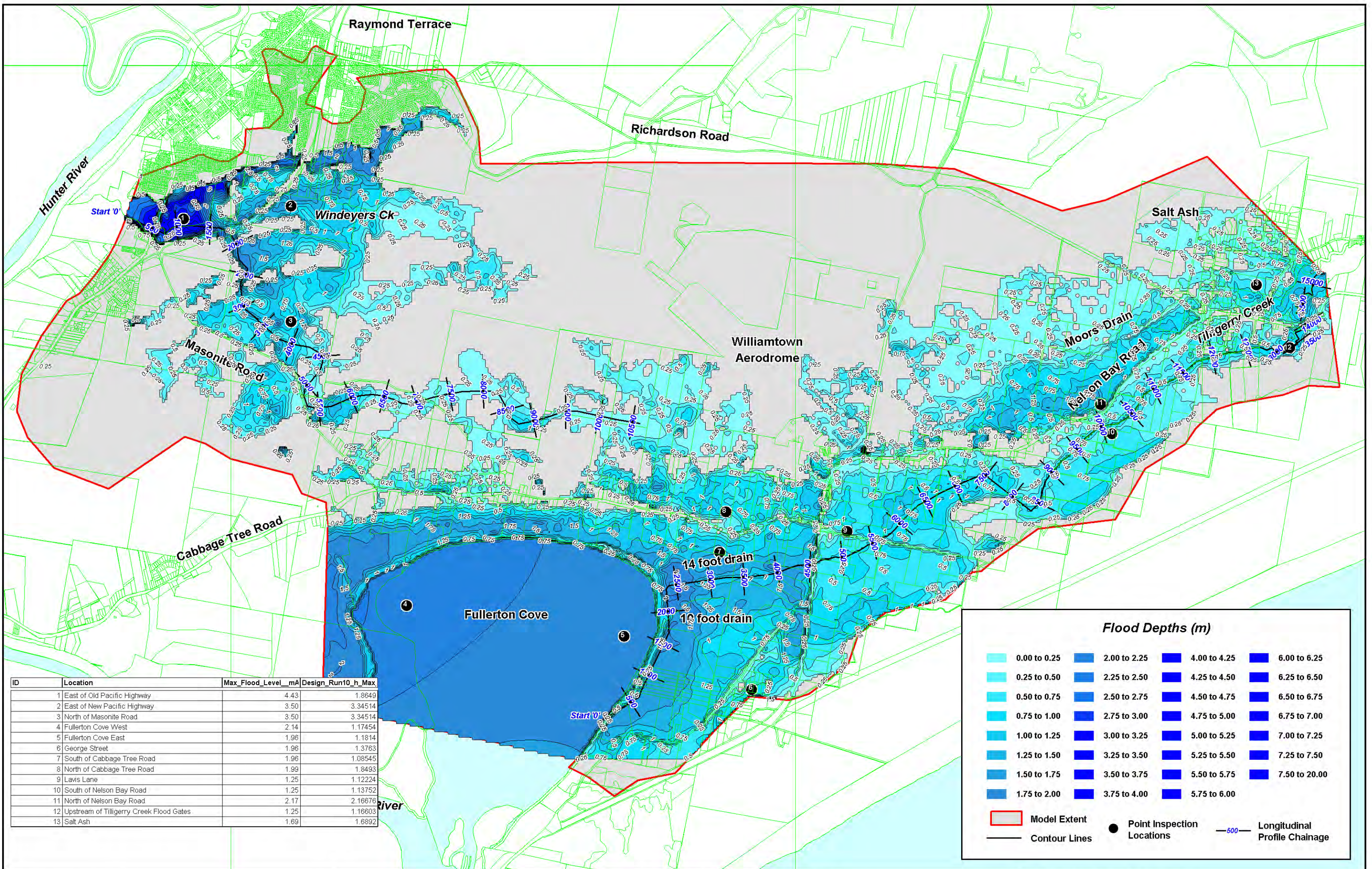
ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	4.96
2	East of New Pacific Highway	4.19
3	North of Masonite Road	4.18
4	Fullerton Cove West	2.61
5	Fullerton Cove East	2.39
6	George Street	2.39
7	South of Cabbage Tree Road	2.39
8	North of Cabbage Tree Road	2.39
9	Lavis Lane	1.80
10	South of Nelson Bay Road	1.79
11	North of Nelson Bay Road	2.20
12	Upstream of Tilligerry Creek Flood Gates	1.78
13	Salt Ash	1.72

**Flood Depths (m)**


Model Extent    
 Point Inspection Locations    
 Longitudinal Profile Chainage



**Williamtown Flood Study - Design Event : 0.5% AEP**  
**Envelope of Maximum Flood Depths from TUFLOW Models:**  
 Run13.tcf, Run14.tcf & Run15.tcf

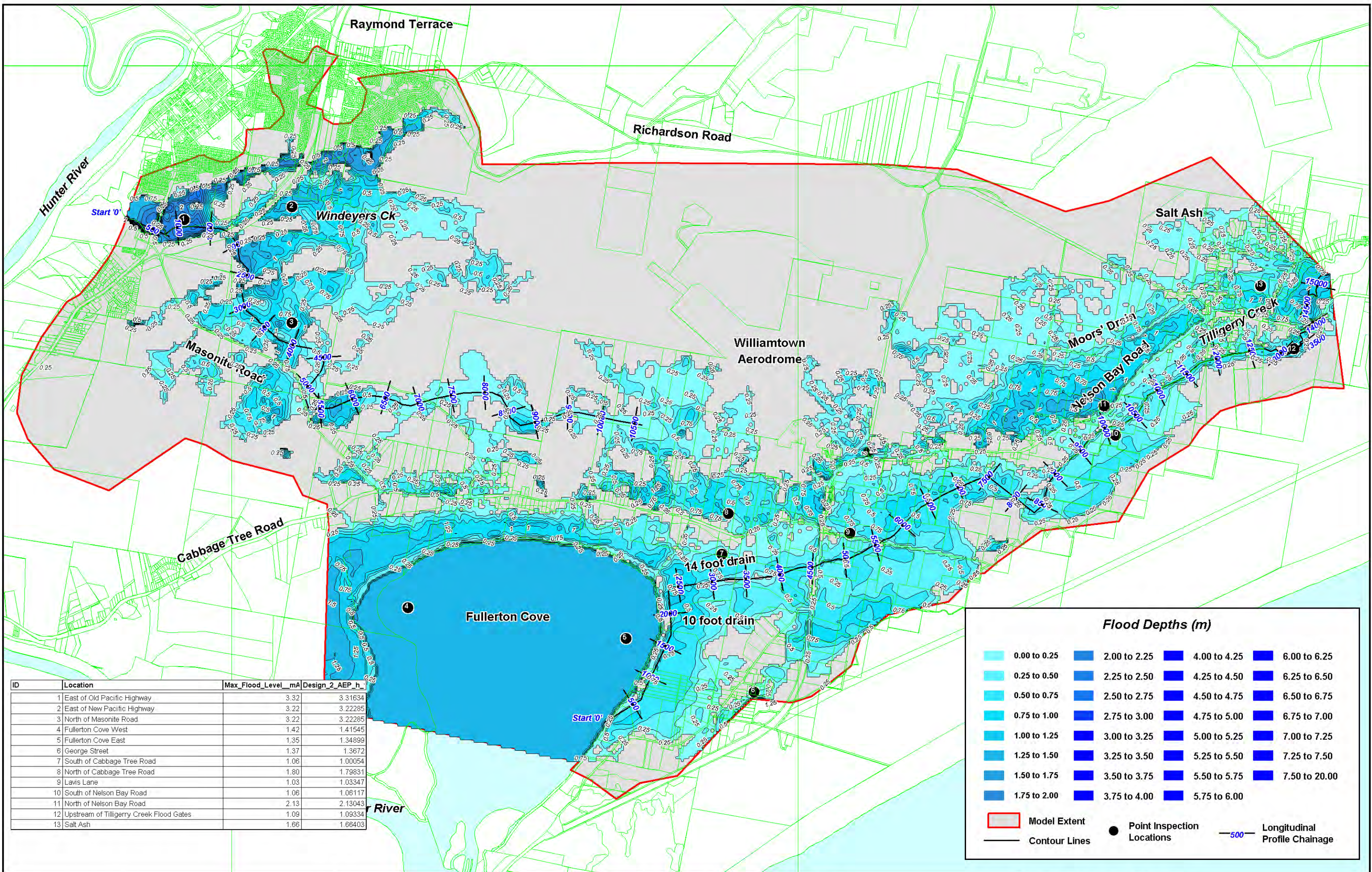


Williamtown Flood Study - Design Event : 1% AEP  
 Envelope of Maximum Flood Depths from TUFLOW Models:  
 Run10.tcf, Run11.tcf & Run12.tcf

Figure 1%AEP\_d\_R1

I:\B12870\_\peVDRG\Flood Depth\1%AEP\_d\_R1.wor





ID	Location	Max_Flood_Level_mA	Design_2_AEP_h_
1	East of Old Pacific Highway	3.32	3.31634
2	East of New Pacific Highway	3.22	3.22285
3	North of Masonite Road	3.22	3.22285
4	Fullerton Cove West	1.42	1.41545
5	Fullerton Cove East	1.35	1.34899
6	George Street	1.37	1.3672
7	South of Cabbage Tree Road	1.06	1.00054
8	North of Cabbage Tree Road	1.80	1.79831
9	Lavis Lane	1.03	1.03347
10	South of Nelson Bay Road	1.06	1.06117
11	North of Nelson Bay Road	2.13	2.13043
12	Upstream of Tilligerry Creek Flood Gates	1.09	1.09334
13	Salt Ash	1.66	1.66403

**Flood Depths (m)**

0.00 to 0.25	2.00 to 2.25	4.00 to 4.25	6.00 to 6.25
0.25 to 0.50	2.25 to 2.50	4.25 to 4.50	6.25 to 6.50
0.50 to 0.75	2.50 to 2.75	4.50 to 4.75	6.50 to 6.75
0.75 to 1.00	2.75 to 3.00	4.75 to 5.00	6.75 to 7.00
1.00 to 1.25	3.00 to 3.25	5.00 to 5.25	7.00 to 7.25
1.25 to 1.50	3.25 to 3.50	5.25 to 5.50	7.25 to 7.50
1.50 to 1.75	3.50 to 3.75	5.50 to 5.75	7.50 to 20.00
1.75 to 2.00	3.75 to 4.00	5.75 to 6.00	

Model Extent  
 Contour Lines  
 Point Inspection Locations  
 Longitudinal Profile Chainage

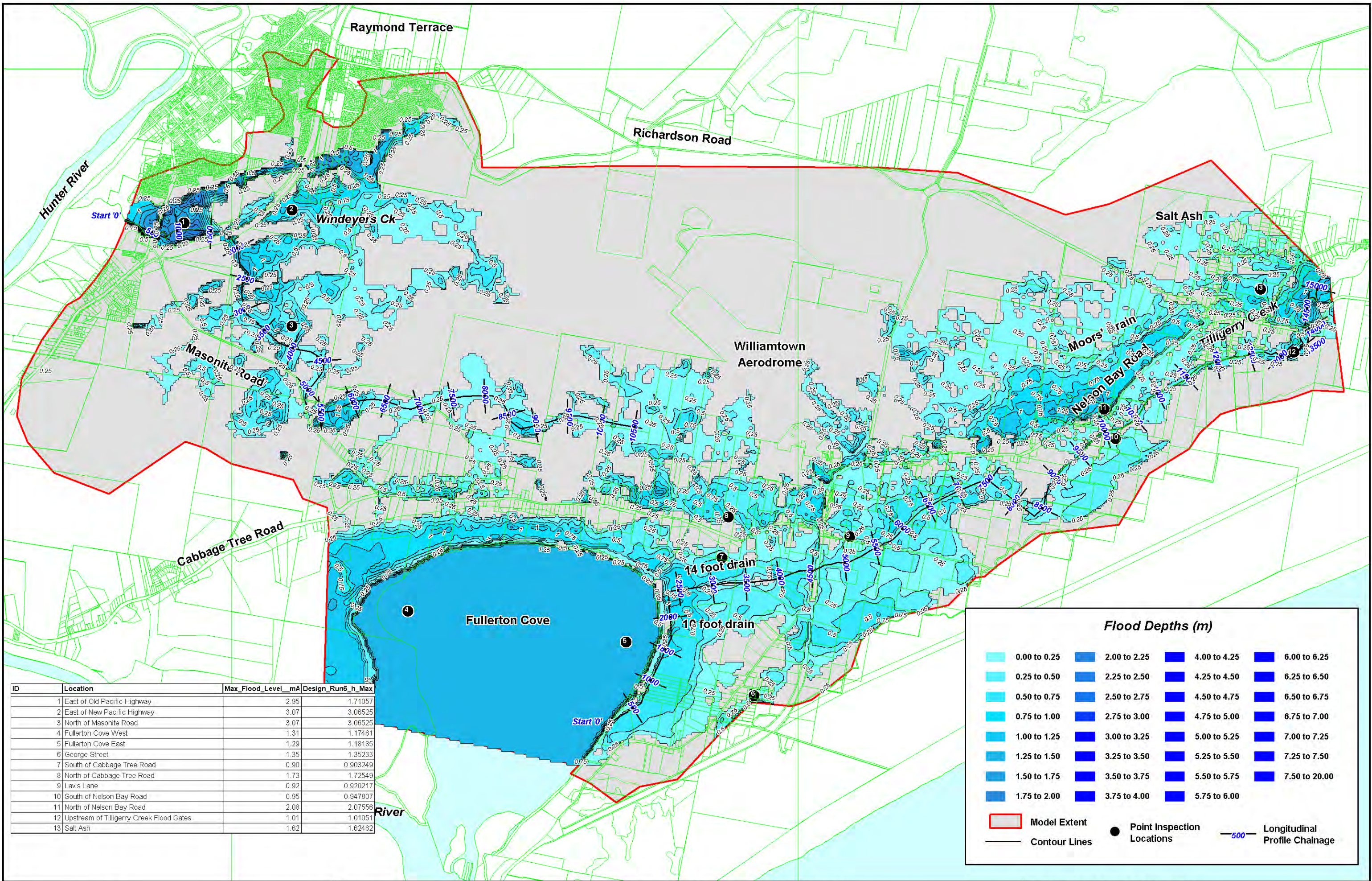


**Williamtown Flood Study - Design Event : 2% AEP**  
**Envelope of Maximum Flood Depths from TUFLOW Models:**  
**Run8.tcf & Run9.tcf**

**Figure 2%AEP\_d\_R1**

I:\B12870\_\pe\DRG\Flood Depth\2%AEP\_d\_R1.wor



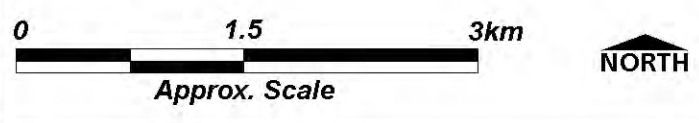


ID	Location	Max_Flood_Level_mA	Design_Run6_h_Max
1	East of Old Pacific Highway	2.95	1.71057
2	East of New Pacific Highway	3.07	3.06525
3	North of Masonite Road	3.07	3.06525
4	Fullerton Cove West	1.31	1.17461
5	Fullerton Cove East	1.29	1.18185
6	George Street	1.35	1.35233
7	South of Cabbage Tree Road	0.90	0.903249
8	North of Cabbage Tree Road	1.73	1.72549
9	Lavis Lane	0.92	0.920217
10	South of Nelson Bay Road	0.95	0.947807
11	North of Nelson Bay Road	2.08	2.07556
12	Upstream of Tilligerry Creek Flood Gates	1.01	1.01051
13	Salt Ash	1.62	1.62462

**Flood Depths (m)**

0.00 to 0.25	2.00 to 2.25	4.00 to 4.25	6.00 to 6.25
0.25 to 0.50	2.25 to 2.50	4.25 to 4.50	6.25 to 6.50
0.50 to 0.75	2.50 to 2.75	4.50 to 4.75	6.50 to 6.75
0.75 to 1.00	2.75 to 3.00	4.75 to 5.00	6.75 to 7.00
1.00 to 1.25	3.00 to 3.25	5.00 to 5.25	7.00 to 7.25
1.25 to 1.50	3.25 to 3.50	5.25 to 5.50	7.25 to 7.50
1.50 to 1.75	3.50 to 3.75	5.50 to 5.75	7.50 to 20.00
1.75 to 2.00	3.75 to 4.00	5.75 to 6.00	

Model Extent    
  Point Inspection Locations    
  -500 Longitudinal Profile Chainage

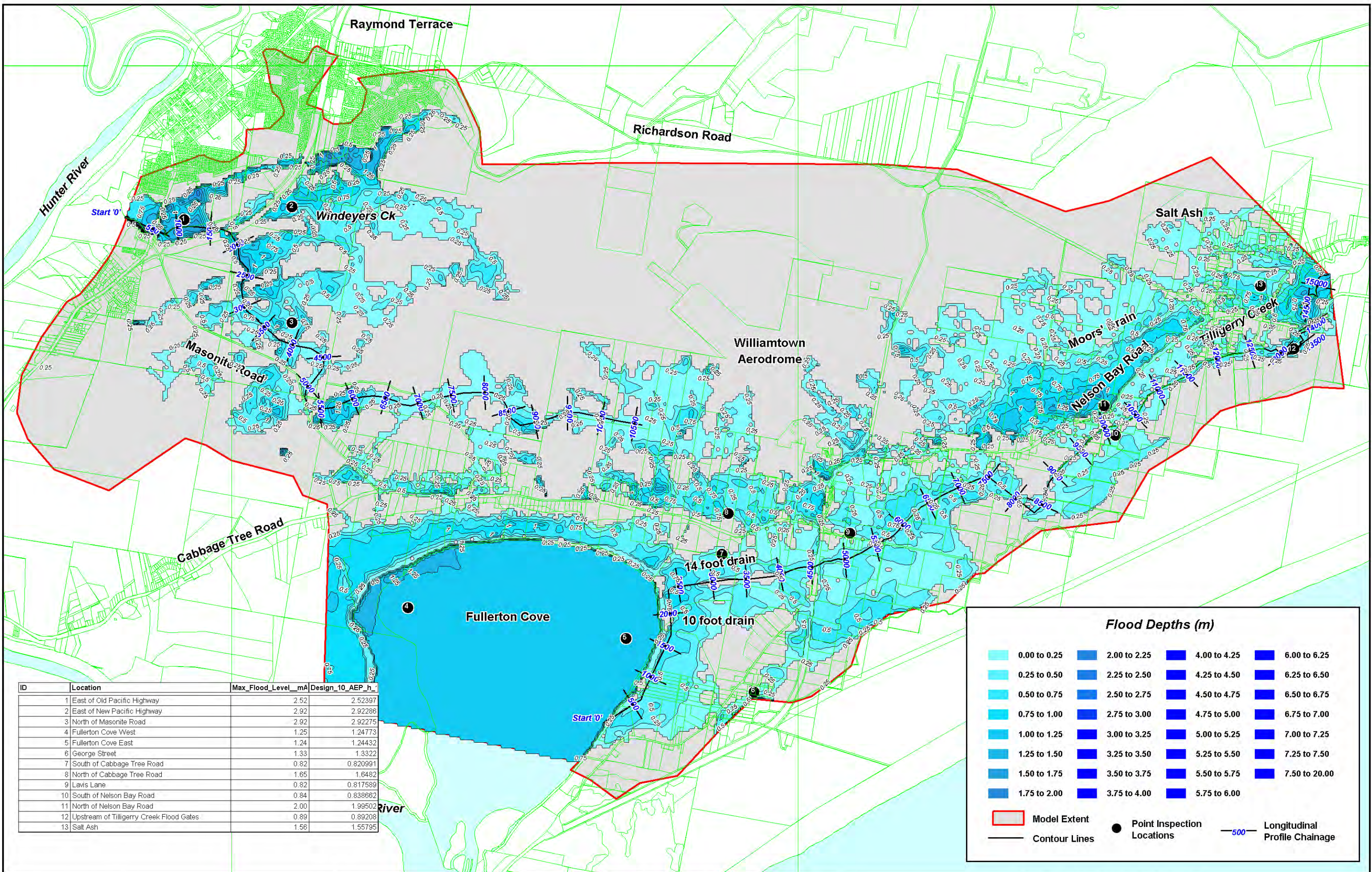


**Williamtown Flood Study - Design Event : 5% AEP**  
**Envelope of Maximum Flood Depths from TUFLOW Models:**  
**Run6.tcf & Run7.tcf**

**Figure 5%AEP\_d\_R1**

I:\B12870\_J\_peVDRG\Flood Depth\5%AEP\_d\_R1.wor





ID	Location	Max_Flood_Level_mA	Design_10_AEP_h_
1	East of Old Pacific Highway	2.52	2.52397
2	East of New Pacific Highway	2.92	2.92286
3	North of Masonite Road	2.92	2.92275
4	Fullerton Cove West	1.25	1.24773
5	Fullerton Cove East	1.24	1.24432
6	George Street	1.33	1.3322
7	South of Cabbage Tree Road	0.82	0.820991
8	North of Cabbage Tree Road	1.65	1.6482
9	Lavis Lane	0.82	0.817589
10	South of Nelson Bay Road	0.84	0.838662
11	North of Nelson Bay Road	2.00	1.99502
12	Upstream of Tilligerry Creek Flood Gates	0.89	0.89208
13	Salt Ash	1.56	1.55795

**Flood Depths (m)**

0.00 to 0.25	2.00 to 2.25	4.00 to 4.25	6.00 to 6.25
0.25 to 0.50	2.25 to 2.50	4.25 to 4.50	6.25 to 6.50
0.50 to 0.75	2.50 to 2.75	4.50 to 4.75	6.50 to 6.75
0.75 to 1.00	2.75 to 3.00	4.75 to 5.00	6.75 to 7.00
1.00 to 1.25	3.00 to 3.25	5.00 to 5.25	7.00 to 7.25
1.25 to 1.50	3.25 to 3.50	5.25 to 5.50	7.25 to 7.50
1.50 to 1.75	3.50 to 3.75	5.50 to 5.75	7.50 to 20.00
1.75 to 2.00	3.75 to 4.00	5.75 to 6.00	

Model Extent    
  Point Inspection Locations    
  -500 Longitudinal Profile Chainage

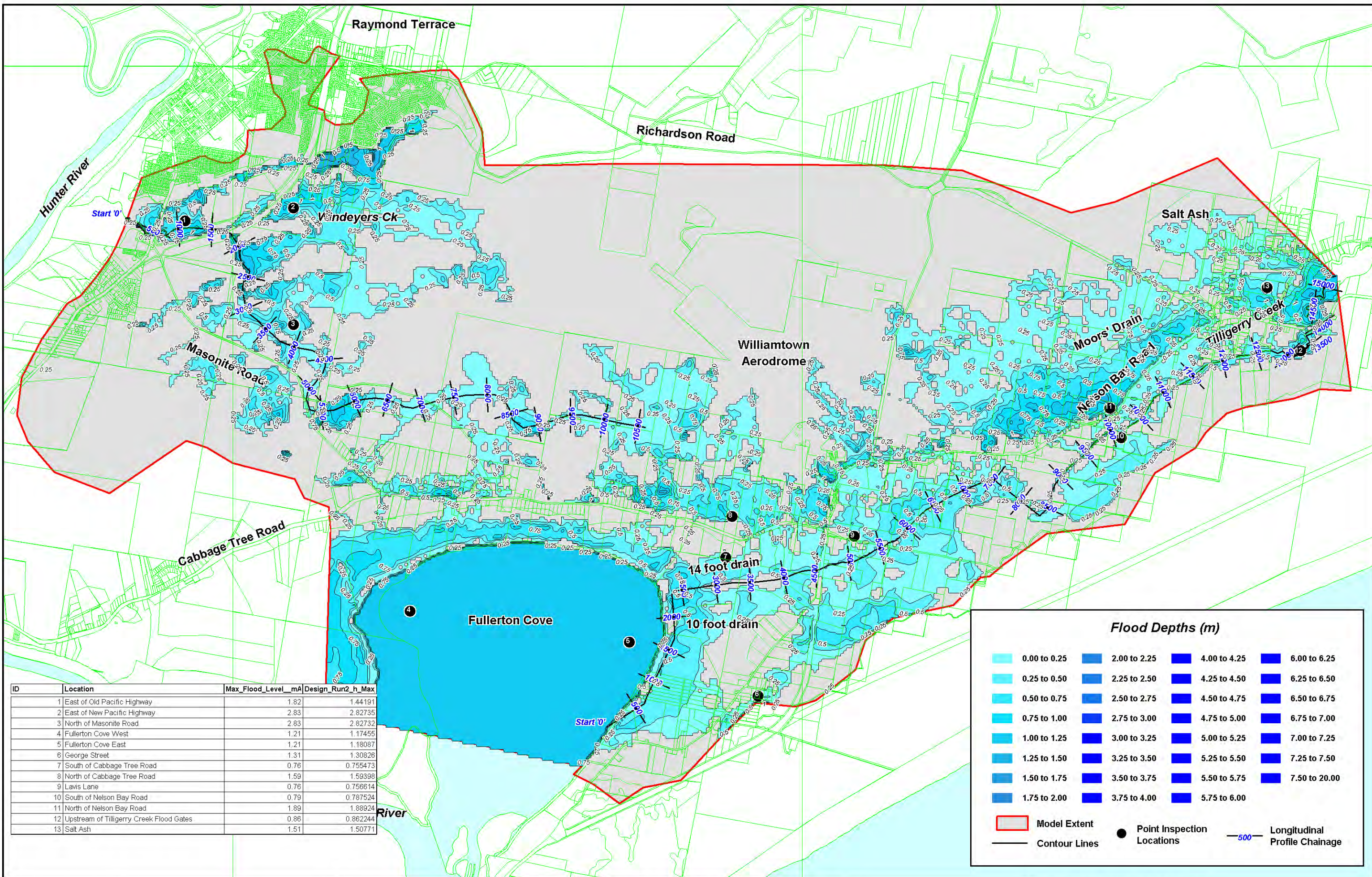


**Williamtown Flood Study - Design Event : 10% AEP**  
**Envelope of Maximum Flood Depths from TUFLOW Models:**  
**Run4.tcf & Run5.tcf**

**Figure 10%AEP\_d\_R1**

I:\B12870\_\peVDRG\Flood Depth\10%AEP\_d\_R1.wor





ID	Location	Max_Flood_Level_mA	Design_Run2_h_Max
1	East of Old Pacific Highway	1.82	1.44191
2	East of New Pacific Highway	2.83	2.82735
3	North of Masonite Road	2.83	2.82732
4	Fullerton Cove West	1.21	1.17455
5	Fullerton Cove East	1.21	1.18087
6	George Street	1.31	1.30826
7	South of Cabbage Tree Road	0.76	0.755473
8	North of Cabbage Tree Road	1.59	1.59398
9	Lavis Lane	0.76	0.756614
10	South of Nelson Bay Road	0.79	0.787524
11	North of Nelson Bay Road	1.89	1.88924
12	Upstream of Tilligerry Creek Flood Gates	0.86	0.862244
13	Salt Ash	1.51	1.50771

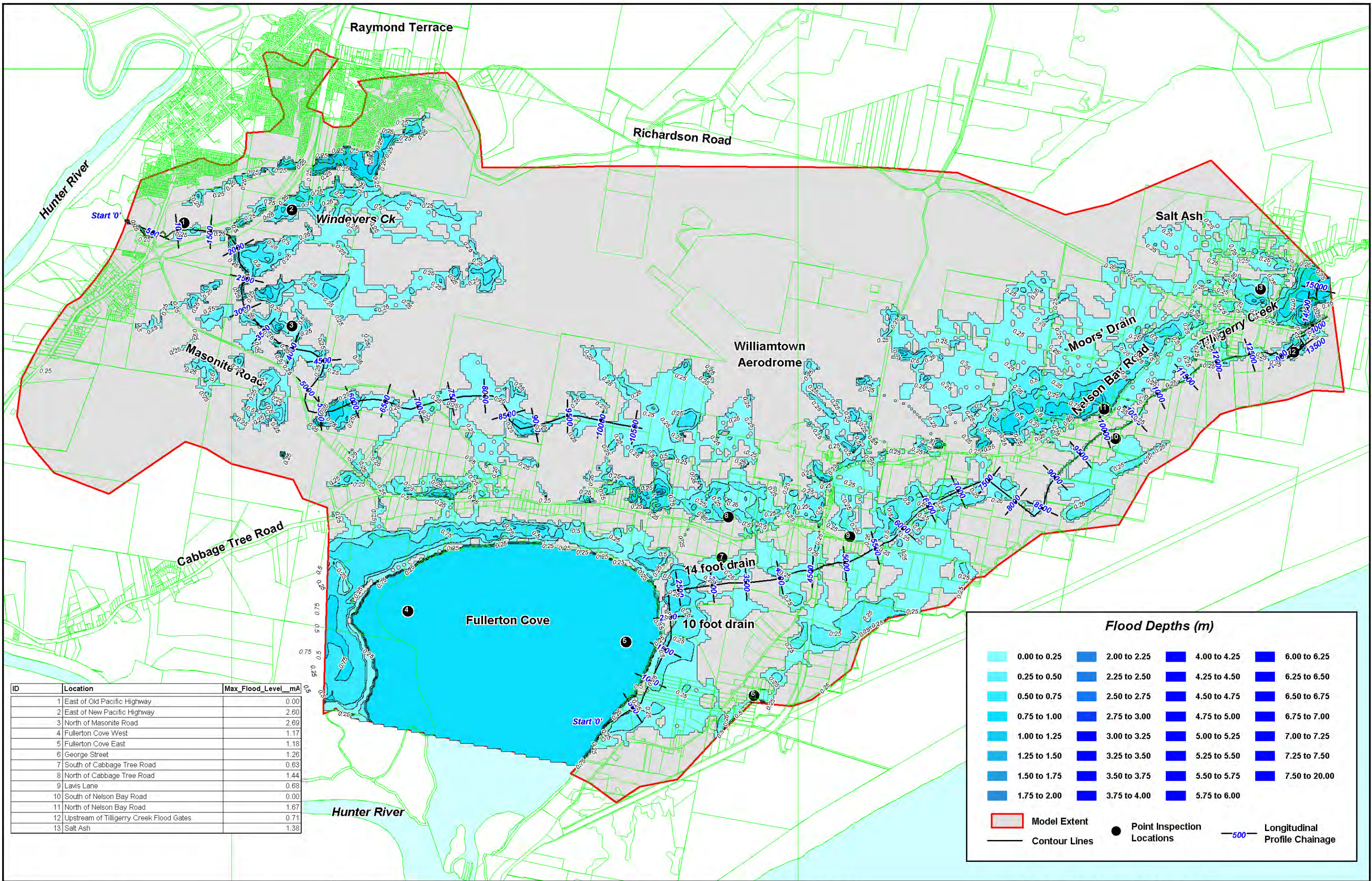
**Flood Depths (m)**

0.00 to 0.25	2.00 to 2.25	4.00 to 4.25	6.00 to 6.25
0.25 to 0.50	2.25 to 2.50	4.25 to 4.50	6.25 to 6.50
0.50 to 0.75	2.50 to 2.75	4.50 to 4.75	6.50 to 6.75
0.75 to 1.00	2.75 to 3.00	4.75 to 5.00	6.75 to 7.00
1.00 to 1.25	3.00 to 3.25	5.00 to 5.25	7.00 to 7.25
1.25 to 1.50	3.25 to 3.50	5.25 to 5.50	7.25 to 7.50
1.50 to 1.75	3.50 to 3.75	5.50 to 5.75	7.50 to 20.00
1.75 to 2.00	3.75 to 4.00	5.75 to 6.00	

Model Extent  
— Contour Lines  
 Point Inspection Locations  
—500— Longitudinal Profile Chainage



**Williamtown Flood Study - Design Event : 20% AEP**  
**Envelope of Maximum Flood Depths from TUFLOW Models:**  
**Run2.tcf & Run3.tcf**

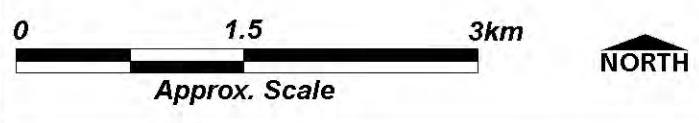


ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	0.00
2	East of New Pacific Highway	2.60
3	North of Masonite Road	2.69
4	Fullerton Cove West	1.17
5	Fullerton Cove East	1.18
6	George Street	1.26
7	South of Cabbage Tree Road	0.63
8	North of Cabbage Tree Road	1.44
9	Lavis Lane	0.68
10	South of Nelson Bay Road	0.00
11	North of Nelson Bay Road	1.67
12	Upstream of Tilligerry Creek Flood Gates	0.71
13	Salt Ash	1.38

**Flood Depths (m)**

0.00 to 0.25	2.00 to 2.25	4.00 to 4.25	6.00 to 6.25
0.25 to 0.50	2.25 to 2.50	4.25 to 4.50	6.25 to 6.50
0.50 to 0.75	2.50 to 2.75	4.50 to 4.75	6.50 to 6.75
0.75 to 1.00	2.75 to 3.00	4.75 to 5.00	6.75 to 7.00
1.00 to 1.25	3.00 to 3.25	5.00 to 5.25	7.00 to 7.25
1.25 to 1.50	3.25 to 3.50	5.25 to 5.50	7.25 to 7.50
1.50 to 1.75	3.50 to 3.75	5.50 to 5.75	7.50 to 20.00
1.75 to 2.00	3.75 to 4.00	5.75 to 6.00	

Model Extent    
  Point Inspection Locations    
  500 Longitudinal Profile Chainage

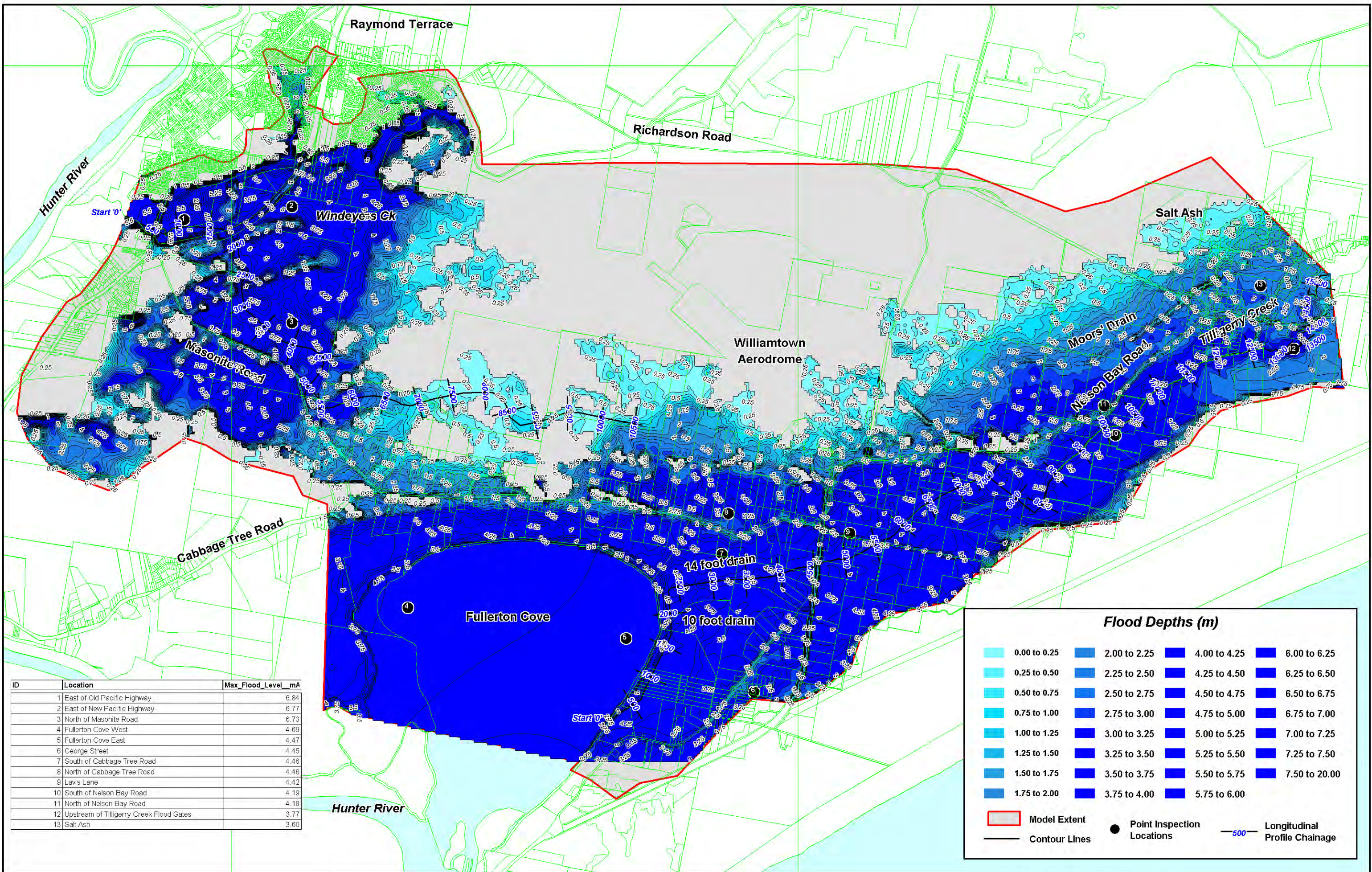


**Williamtown Flood Study - Design Event : 50% AEP**  
**Maximum Flood Depths from TUFLOW Model:**  
 Run1.tcf

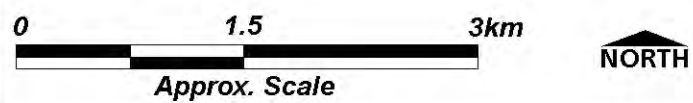
**Figure 50%AEP\_d\_R1**

I:\B12870\_\peVDRG\Flood Depth\50%AEP\_d\_R1.wor





ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	6.84
2	East of New Pacific Highway	6.77
3	North of Masonite Road	6.73
4	Fullerton Cove West	4.69
5	Fullerton Cove East	4.47
6	George Street	4.45
7	South of Cabbage Tree Road	4.46
8	North of Cabbage Tree Road	4.46
9	Lavis Lane	4.42
10	South of Nelson Bay Road	4.19
11	North of Nelson Bay Road	4.18
12	Upstream of Tilligerry Creek Flood Gates	3.77
13	Salt Ash	3.60



Williamtown Flood Study - Design Event : PMF  
 Maximum Flood Depths from TUFLOW Model:  
 Run16.tcf, Run17.tcf & Run18.tcf

Figure PMF\_d\_R1