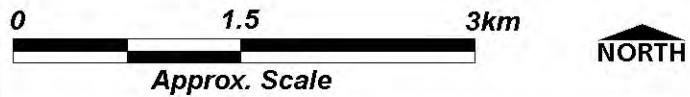


**Flood Hazard**

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

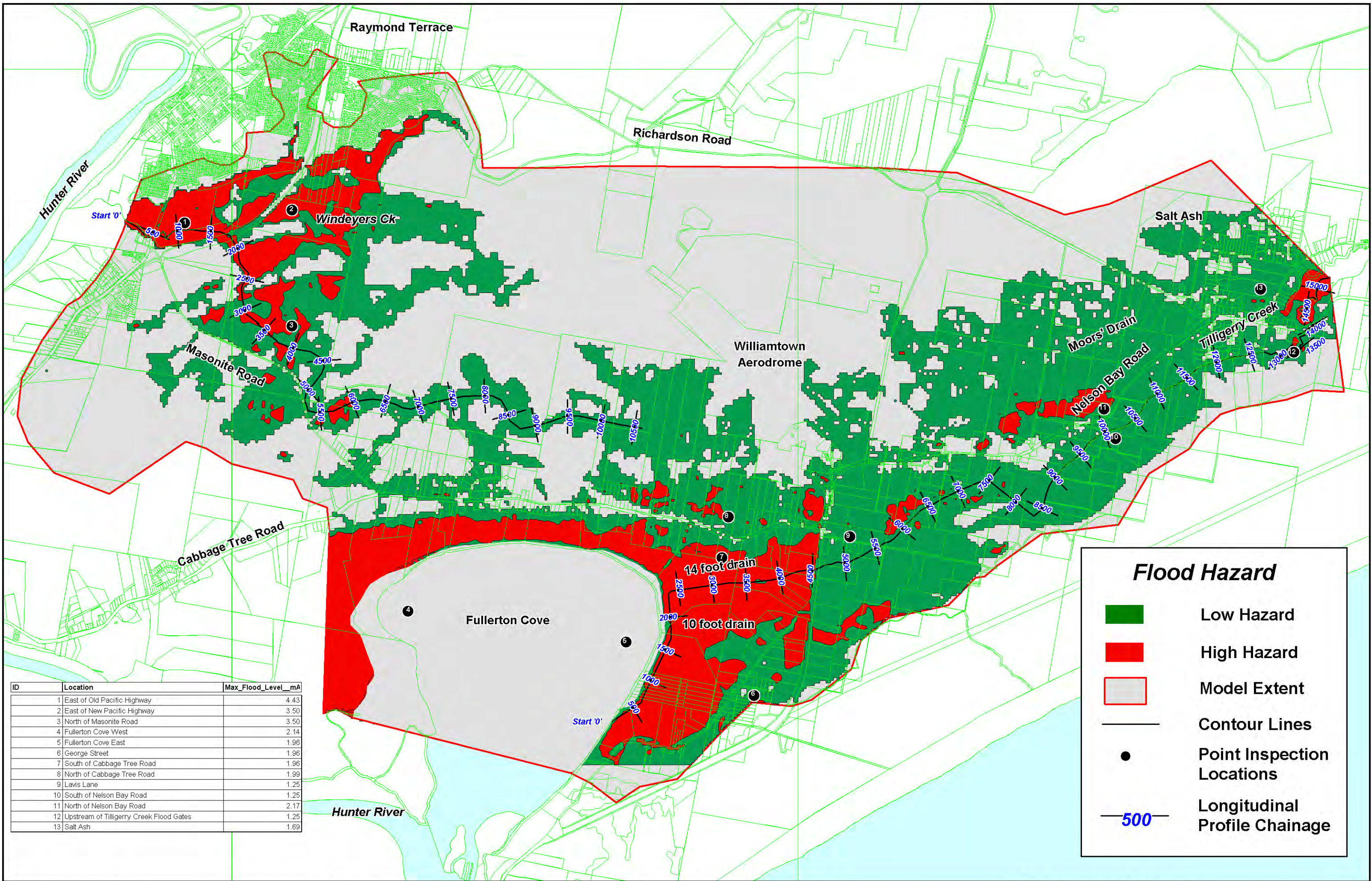
ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	4.96
2	East of New Pacific Highway	4.19
3	North of Masonite Road	4.18
4	Fullerton Cove West	2.61
5	Fullerton Cove East	2.39
6	George Street	2.39
7	South of Cabbage Tree Road	2.39
8	North of Cabbage Tree Road	2.39
9	Lavis Lane	1.80
10	South 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



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

Figure 0.5%AEP\_q\_R1





### Flood Hazard

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

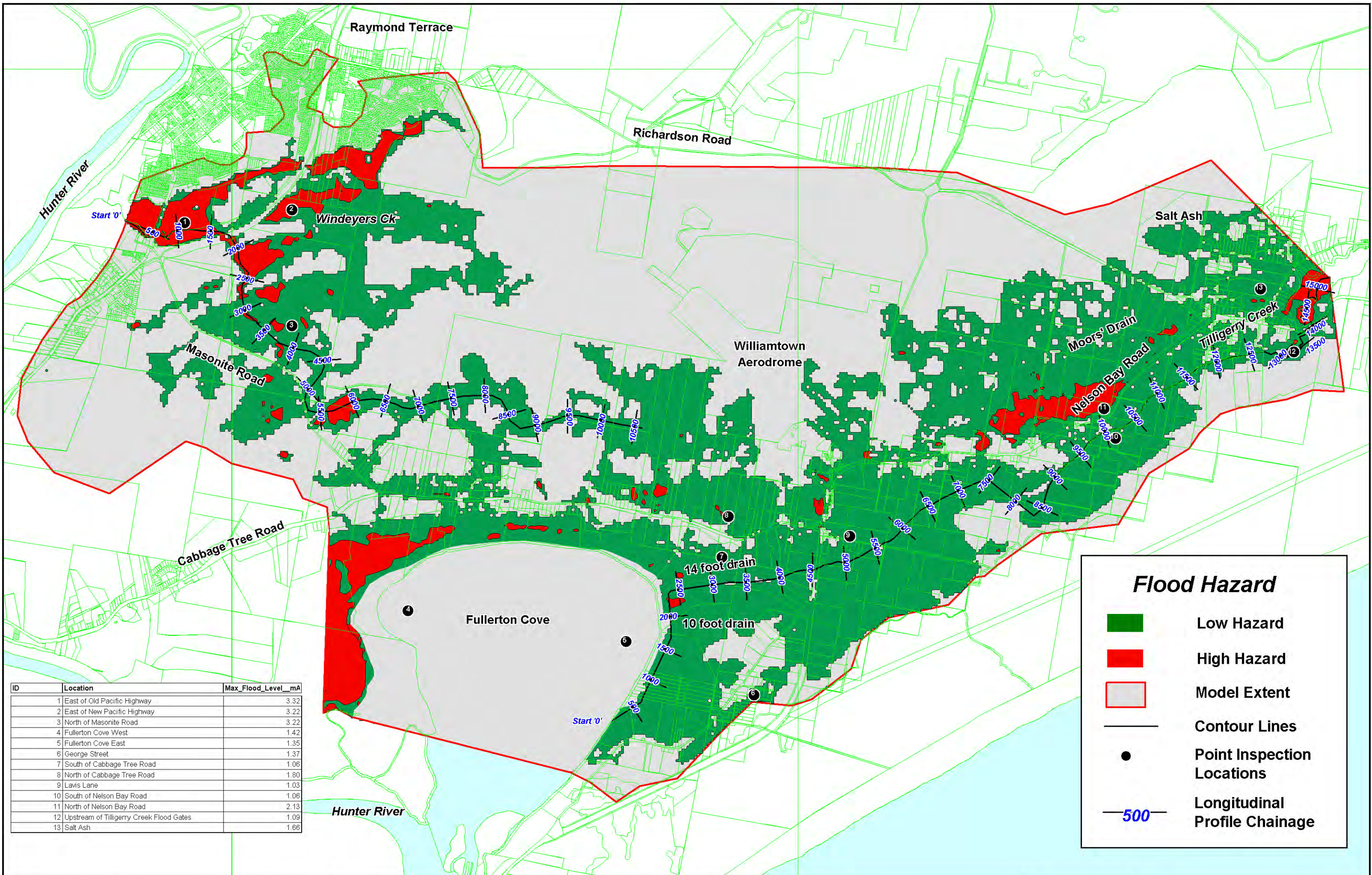
ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	4.43
2	East of New Pacific Highway	3.50
3	North of Masonite Road	3.50
4	Fullerton Cove West	2.14
5	Fullerton Cove East	1.96
6	George Street	1.96
7	South of Cabbage Tree Road	1.96
8	North of Cabbage Tree Road	1.99
9	Lavis Lane	1.25
10	South of Nelson Bay Road	1.25
11	North of Nelson Bay Road	2.17
12	Upstream of Tilligerry Creek Flood Gates	1.25
13	Salt Ash	1.69



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

Figure 1%AEP\_q\_R1



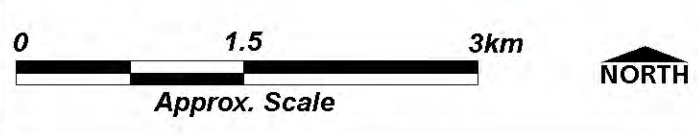


### Flood Hazard

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

500

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



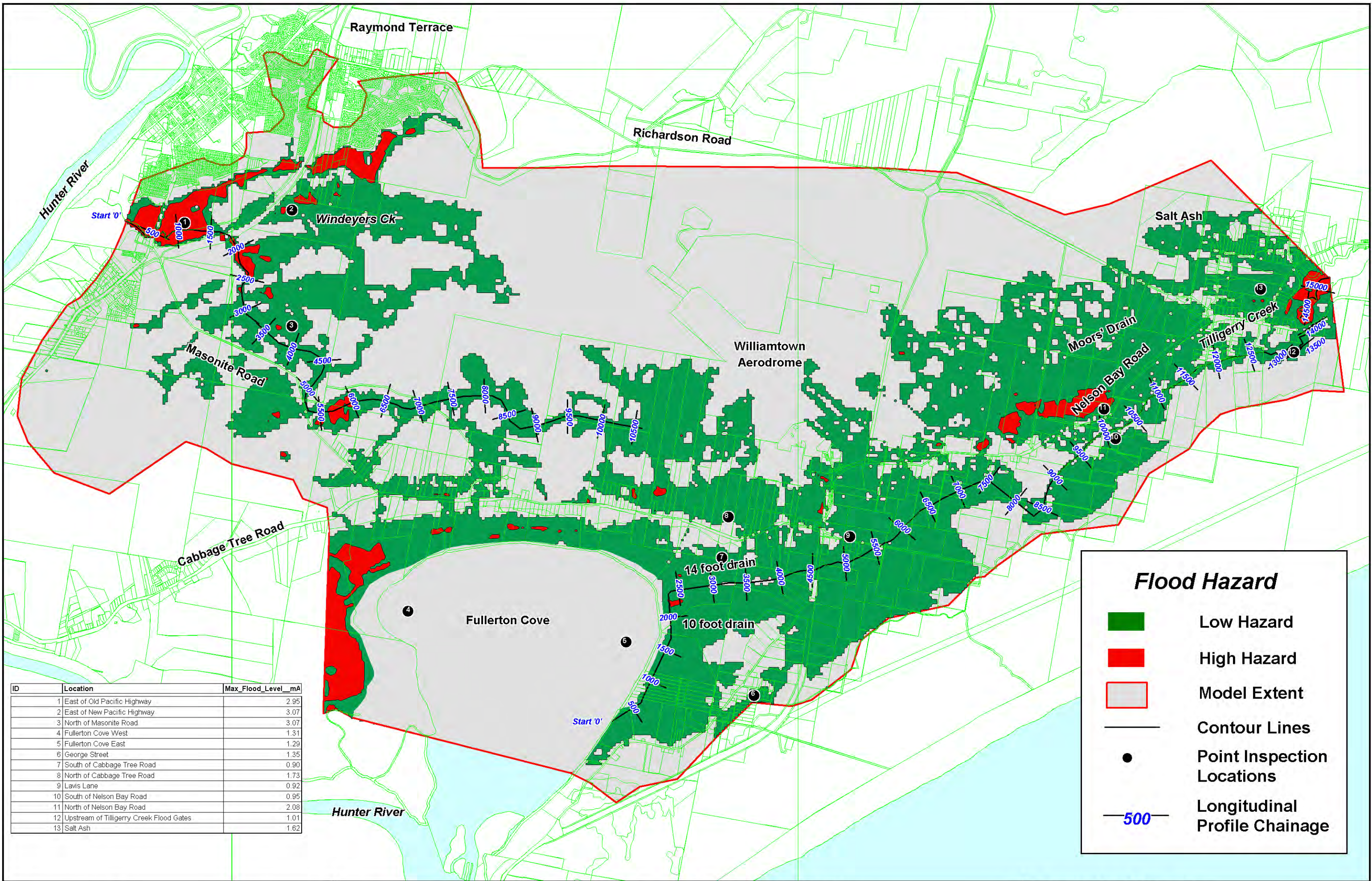
**Williamtown Flood Study - Design Event : 2% AEP**  
**Envelope of Maximum Flood Hazard from TUFLOW Models:**  
**Run8.tcf & Run9.tcf**

Figure 2%AEP\_q\_R1

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**Flood Hazard**

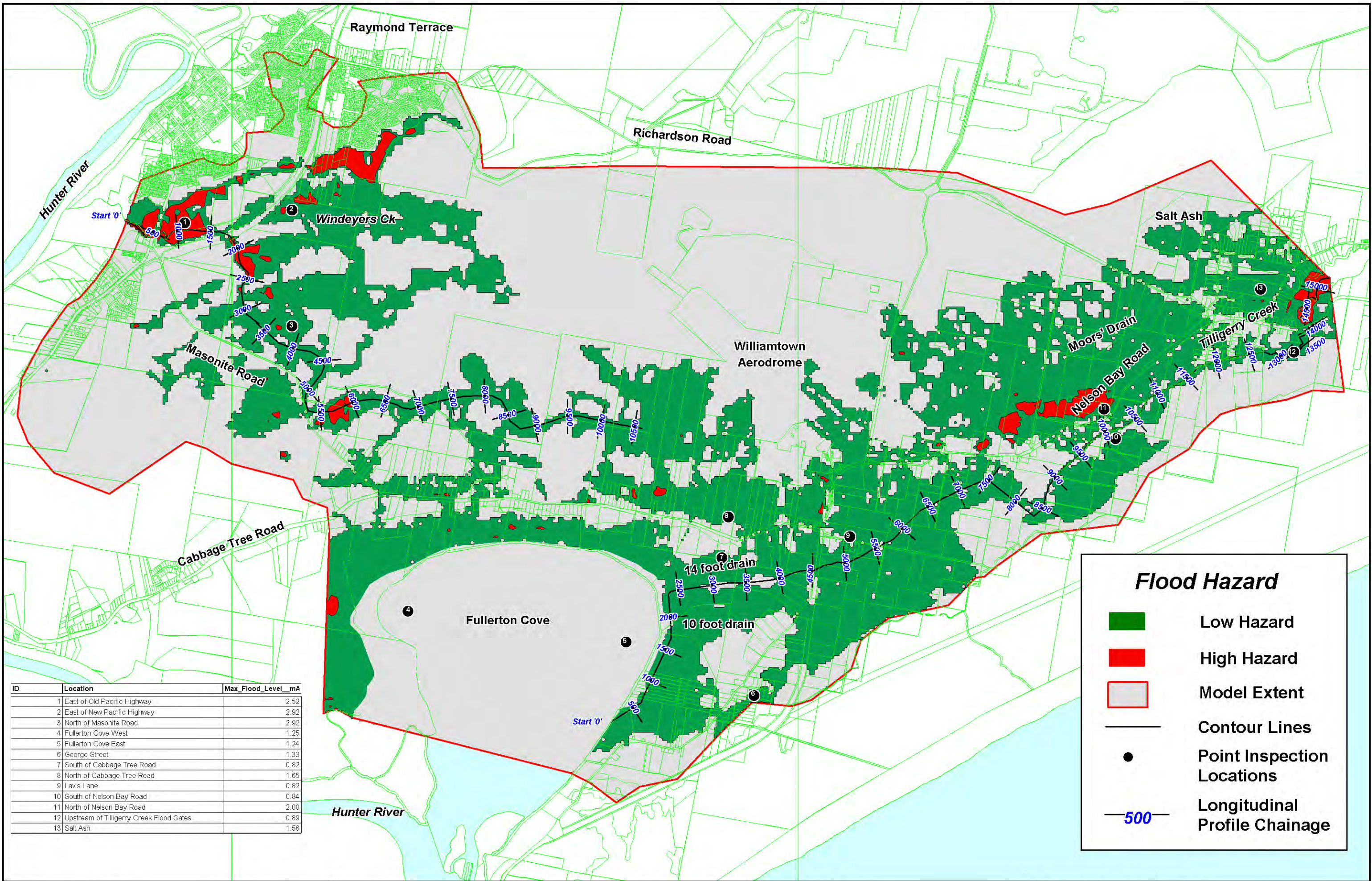
- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

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



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





**Flood Hazard**

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

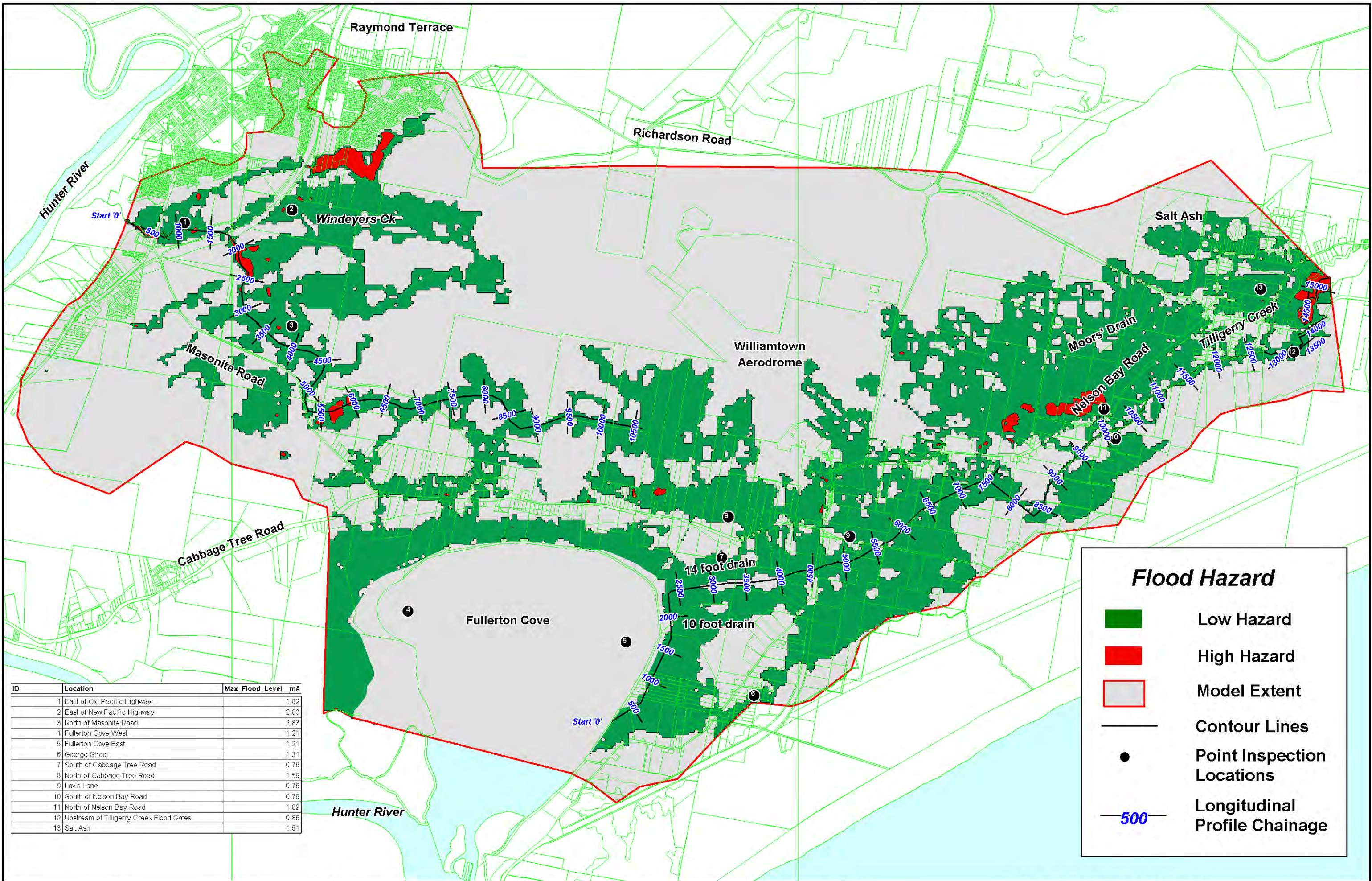
ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	2.52
2	East of New Pacific Highway	2.92
3	North of Masonite Road	2.92
4	Fullerton Cove West	1.25
5	Fullerton Cove East	1.24
6	George Street	1.33
7	South of Cabbage Tree Road	0.82
8	North of Cabbage Tree Road	1.65
9	Lavis Lane	0.82
10	South of Nelson Bay Road	0.84
11	North of Nelson Bay Road	2.00
12	Upstream of Tilligerry Creek Flood Gates	0.89
13	Salt Ash	1.56



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

**Figure 10%AEP\_q\_R1**





ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	1.82
2	East of New Pacific Highway	2.83
3	North of Masonite Road	2.83
4	Fullerton Cove West	1.21
5	Fullerton Cove East	1.21
6	George Street	1.31
7	South of Cabbage Tree Road	0.76
8	North of Cabbage Tree Road	1.59
9	Lavis Lane	0.76
10	South of Nelson Bay Road	0.79
11	North of Nelson Bay Road	1.89
12	Upstream of Tilligerry Creek Flood Gates	0.86
13	Salt Ash	1.51

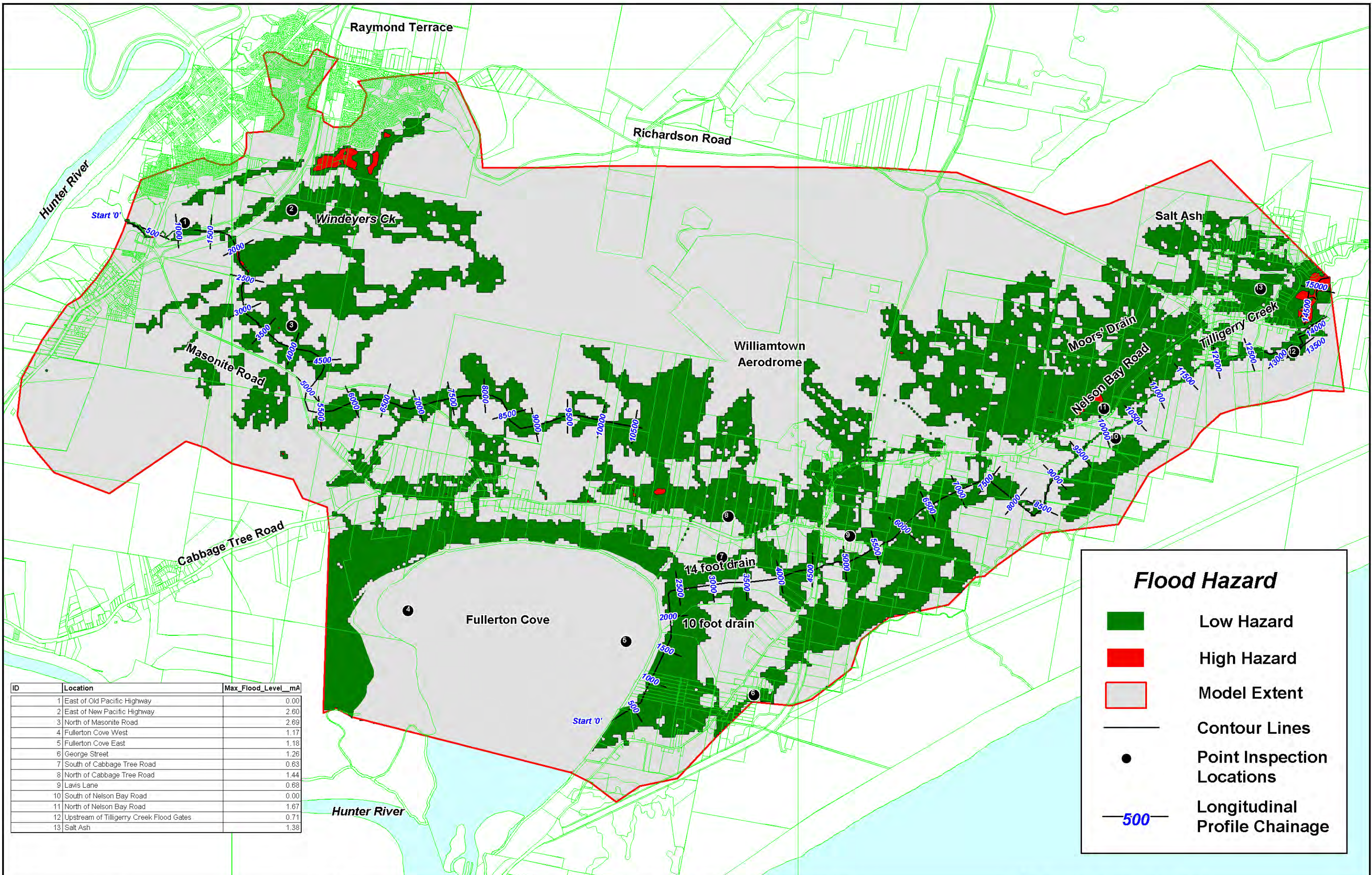
### Flood Hazard

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage



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

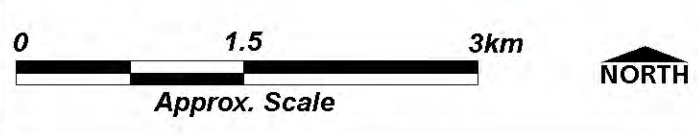




ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	0.00
2	East of New Pacific Highway	2.60
3	North of Masonite Road	2.69
4	Fullerton Cove West	1.17
5	Fullerton Cove East	1.18
6	George Street	1.26
7	South of Cabbage Tree Road	0.63
8	North of Cabbage Tree Road	1.44
9	Lavis Lane	0.68
10	South 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 Hazard**

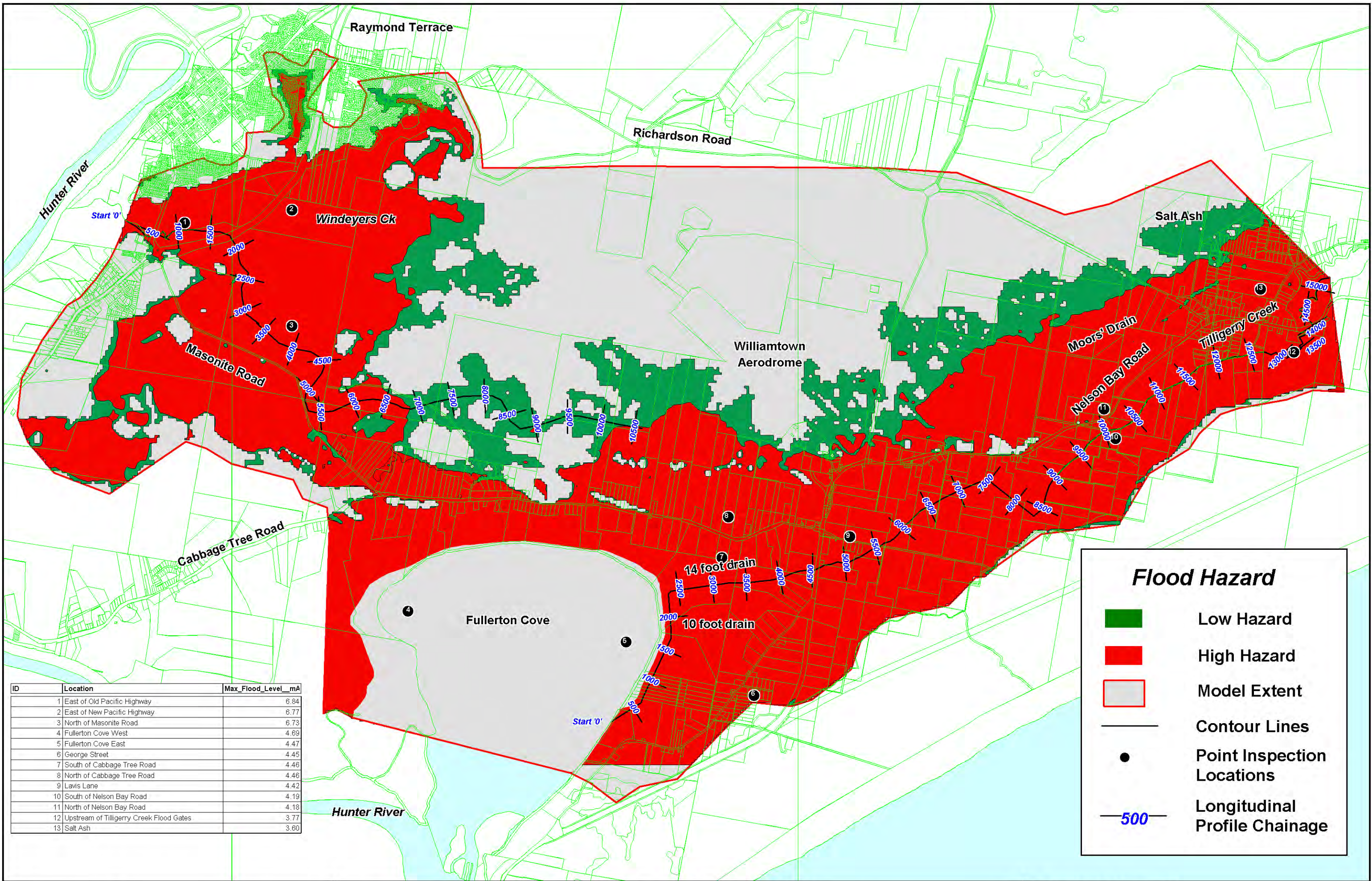
- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage



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

Figure 50%AEP\_q\_R1

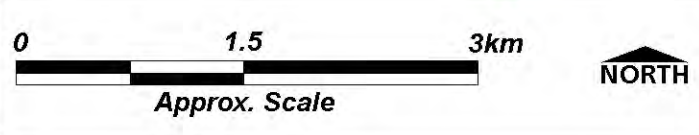




**Flood Hazard**

- Low Hazard
- High Hazard
- Model Extent
- Contour Lines
- Point Inspection Locations
- 500 Longitudinal Profile Chainage

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**  
**Envelope of Maximum Flood Hazard from TUFLOW Models:**  
 Run16.tcf, Run17.tcf & Run18.tcf

Figure PMF\_q\_R1

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