

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

Water Velocity (m/s)

	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
 Contour Lines
 Point Inspection Locations
 Longitudinal Profile Chainage

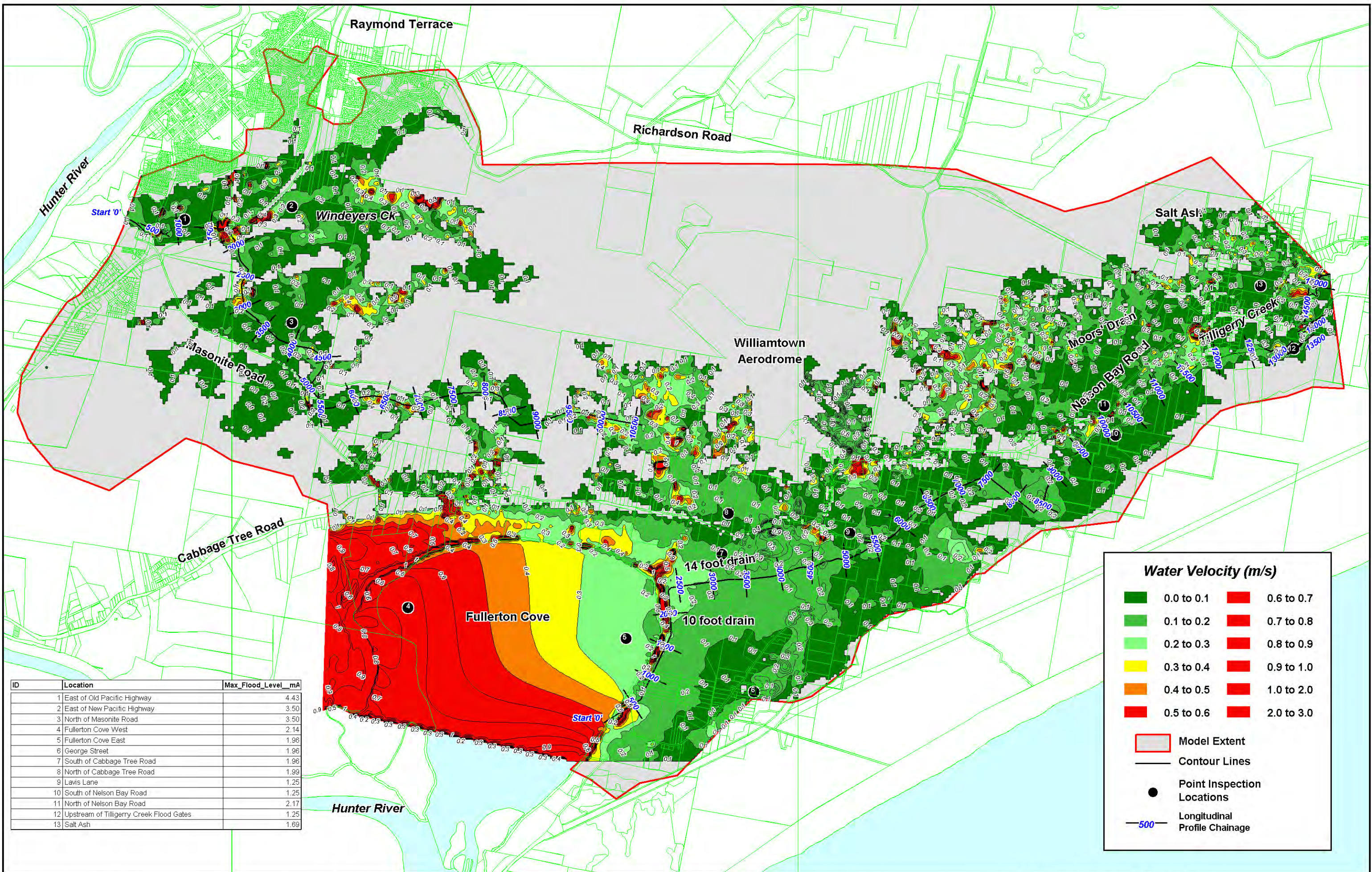


Williamtown Flood Study - Design Event : 0.5% AEP
 Envelope of Maximum Flood Velocities from TUFLOW Models:
 Run13.tcf, Run14.tcf & Run15.tcf

Figure 0.5%AEP_V_R1

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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	1.89

Water Velocity (m/s)

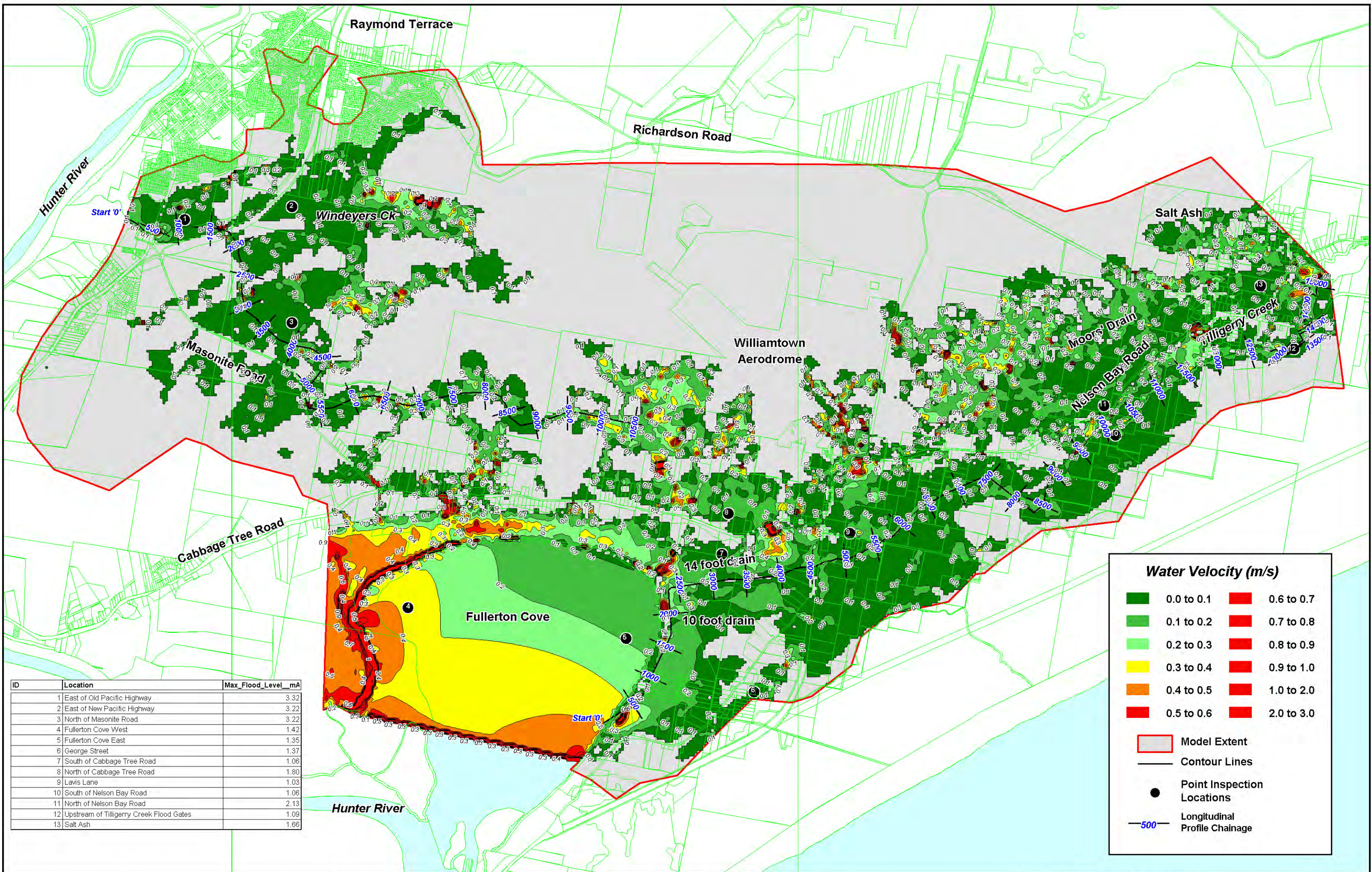
	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
 Contour Lines
 Point Inspection Locations
 Longitudinal Profile Chainage



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

Figure 1%AEP_V_R1



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

Water Velocity (m/s)

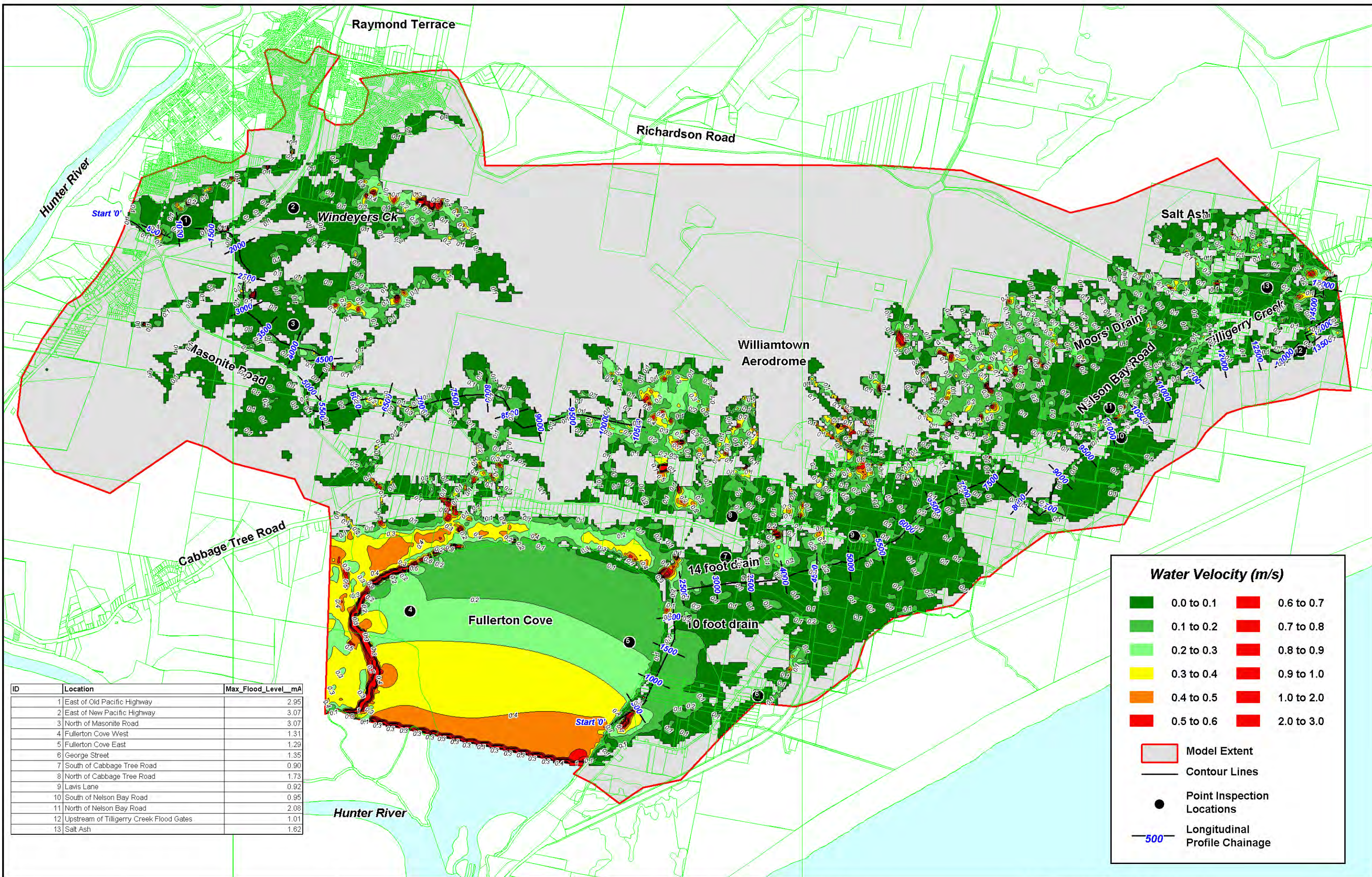
	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
 Contour Lines
 Point Inspection Locations
 Longitudinal Profile Chainage



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

Figure 2%AEP_V_R1



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

Water Velocity (m/s)

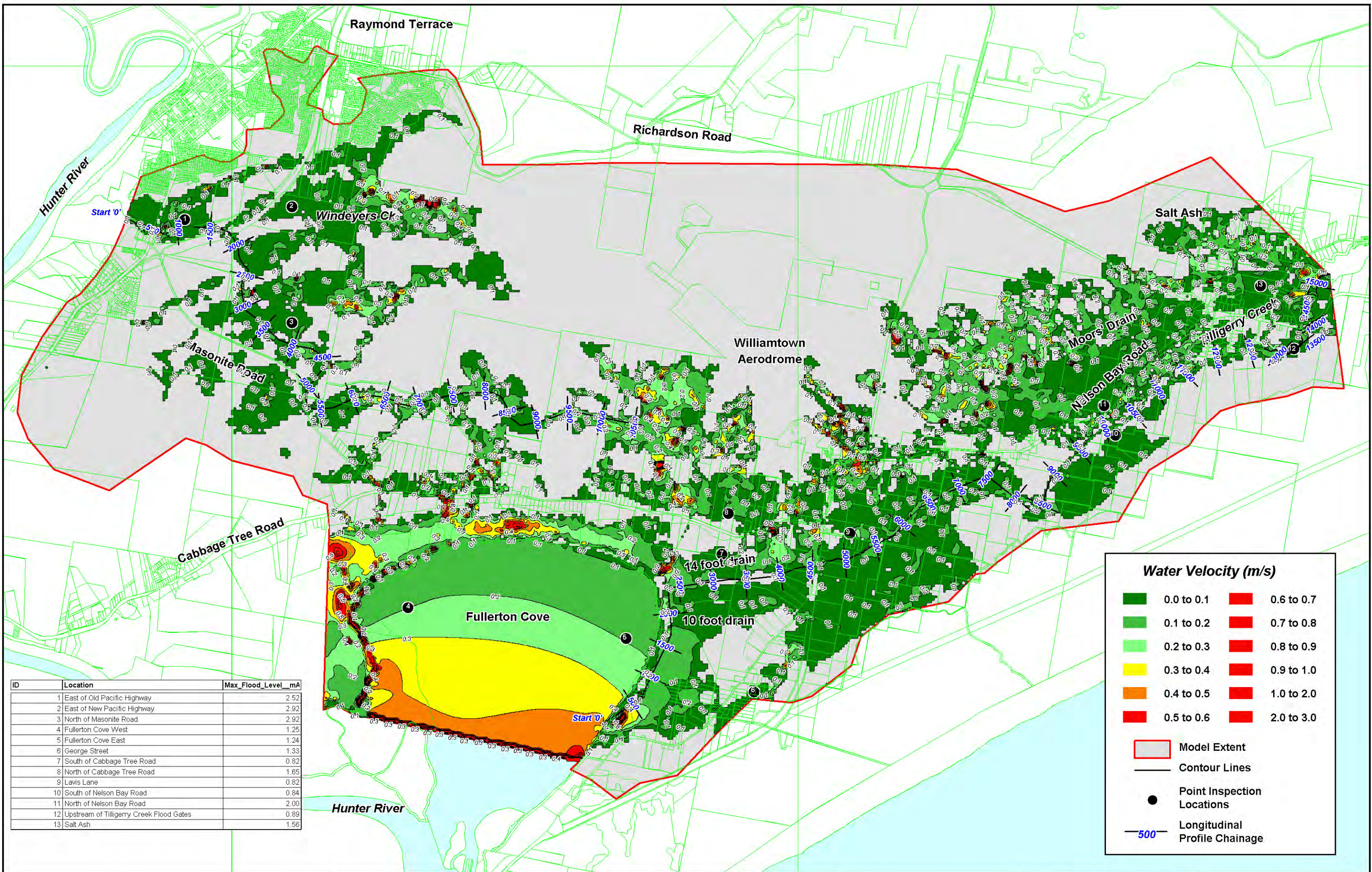
	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
 Contour Lines
 Point Inspection Locations
 Longitudinal Profile Chainage



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

Figure 5%AEP_V_R1



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

Water Velocity (m/s)

	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
 Contour Lines
 Point Inspection Locations
 Longitudinal Profile Chainage

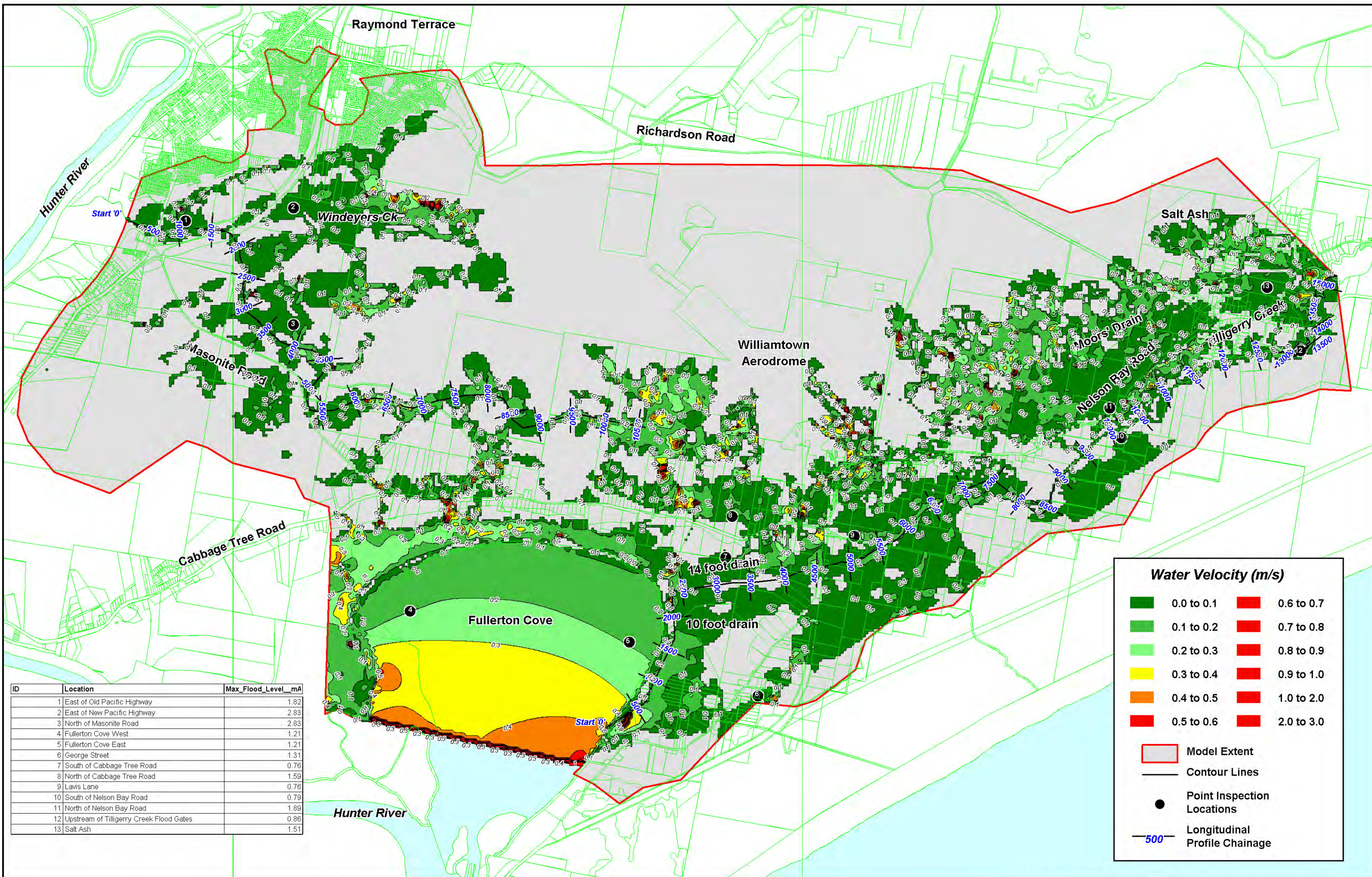


Williamtown Flood Study - Design Event : 10% AEP
 Envelope of Maximum Flood Velocities from TUFLOW Models:
 Run4.tcf & Run5.tcf

Figure 10%AEP_V_R1

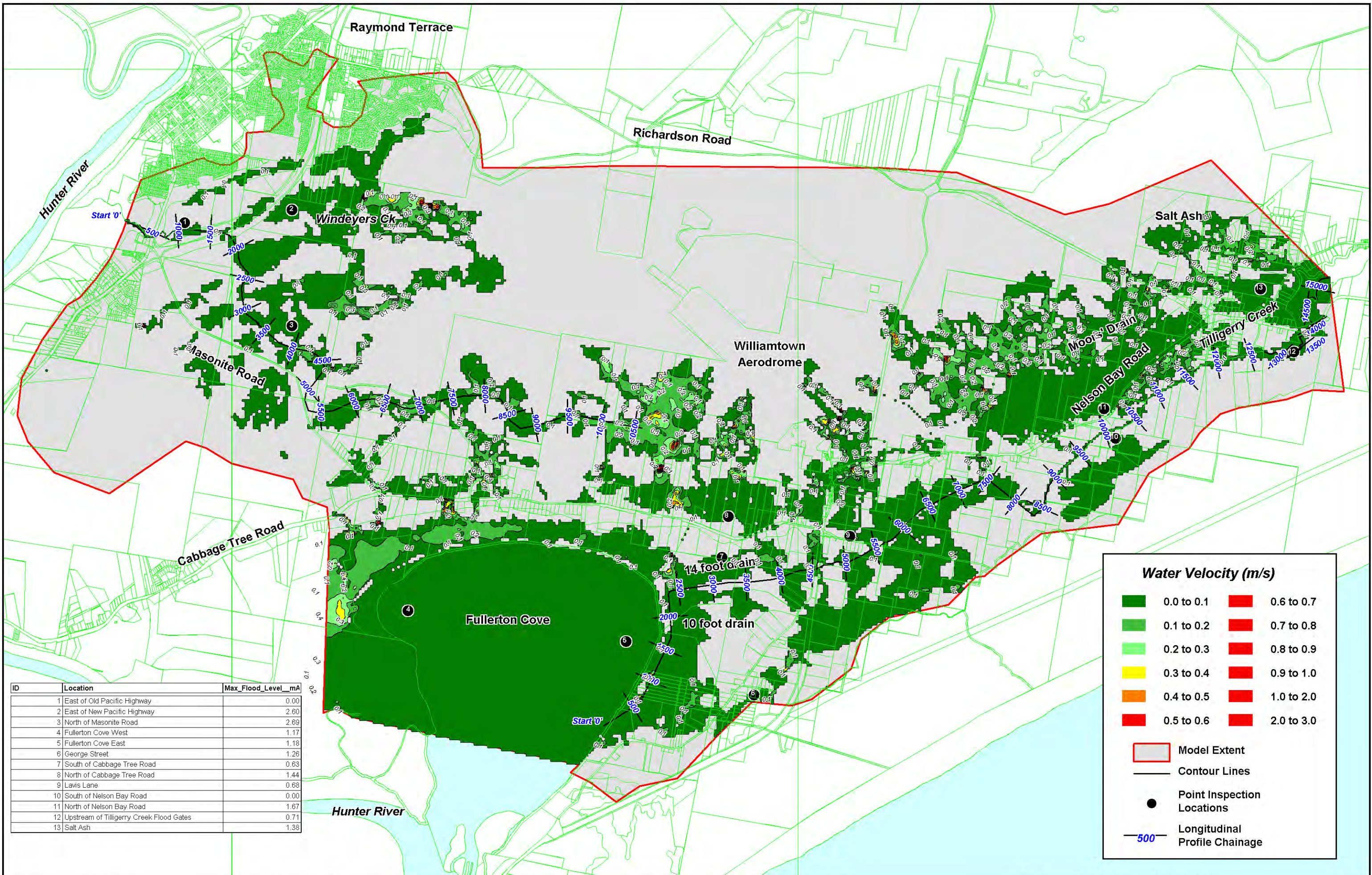
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Williamtown Flood Study - Design Event : 20% AEP
Envelope of Maximum Flood Velocities from TUFLOW Models:
 Run2.tcf & Run3.tcf

Figure 20%AEP_V_R1

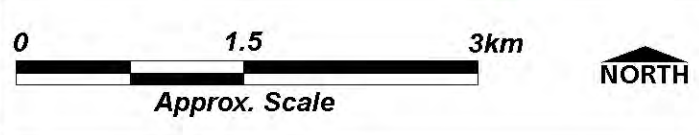


ID	Location	Max_Flood_Level_mA
1	East of Old Pacific Highway	0.00
2	East of New Pacific Highway	2.60
3	North of Masonite Road	2.69
4	Fullerton Cove West	1.17
5	Fullerton Cove East	1.18
6	George Street	1.26
7	South of Cabbage Tree Road	0.63
8	North of Cabbage Tree Road	1.44
9	Lavis Lane	0.68
10	South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

Water Velocity (m/s)

	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

- Model Extent
- Contour Lines
- Point Inspection Locations
- Longitudinal Profile Chainage

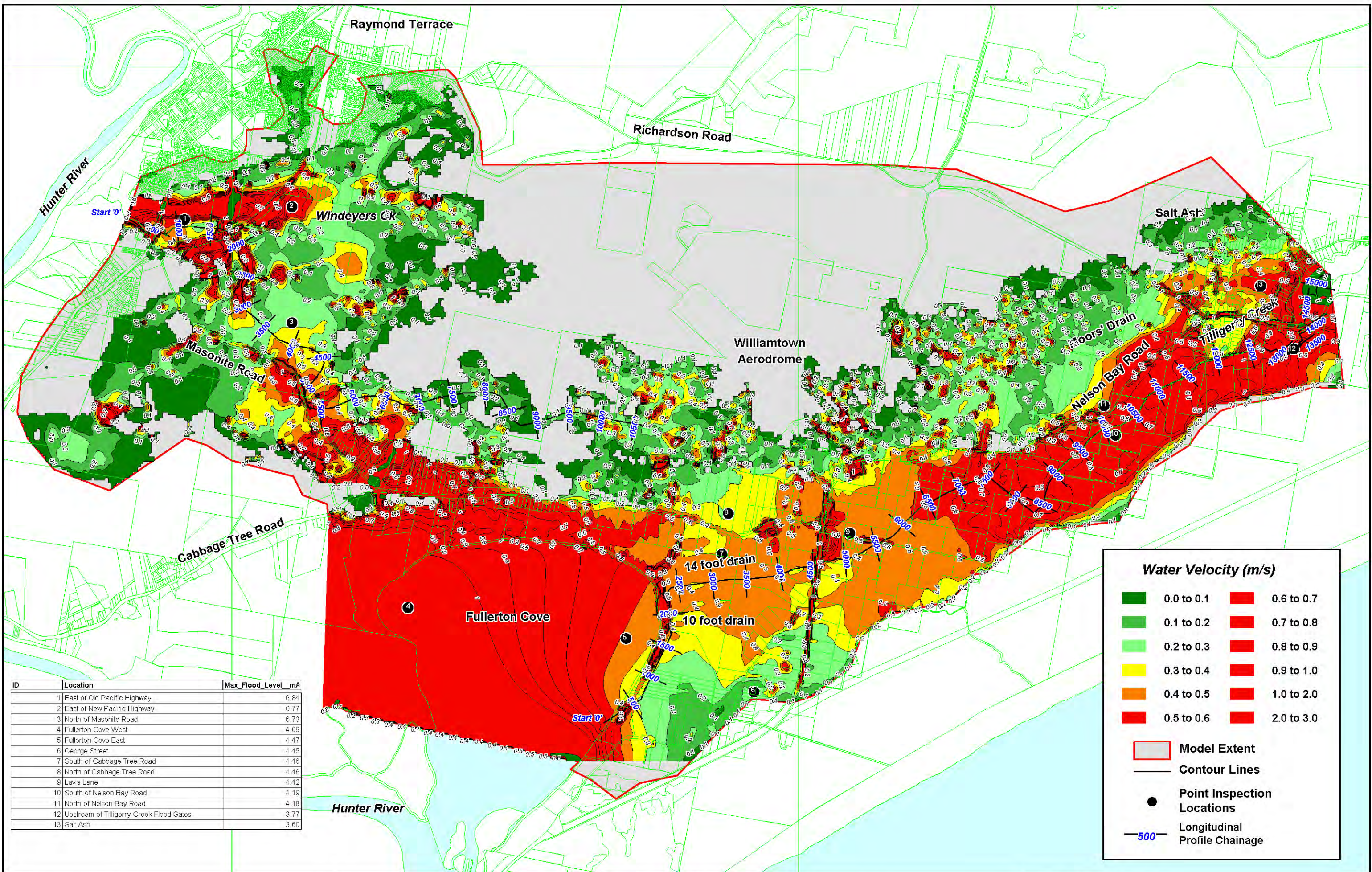


Williamtown Flood Study - Design Event : 50% AEP
 Maximum Flood Velocities from TUFLOW Model:
 Run1.tcf

Figure 50%AEP_V_R1

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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

Water Velocity (m/s)

	0.0 to 0.1		0.6 to 0.7
	0.1 to 0.2		0.7 to 0.8
	0.2 to 0.3		0.8 to 0.9
	0.3 to 0.4		0.9 to 1.0
	0.4 to 0.5		1.0 to 2.0
	0.5 to 0.6		2.0 to 3.0

Model Extent
Contour Lines
Point Inspection Locations
Longitudinal Profile Chainage



Williamtown Flood Study - Design Event : PMF
Envelope of Maximum Flood Velocities from TUFLOW Models:
 Run16.tcf, Run17.tcf & Run18.tcf

Figure PMF_V_R1

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