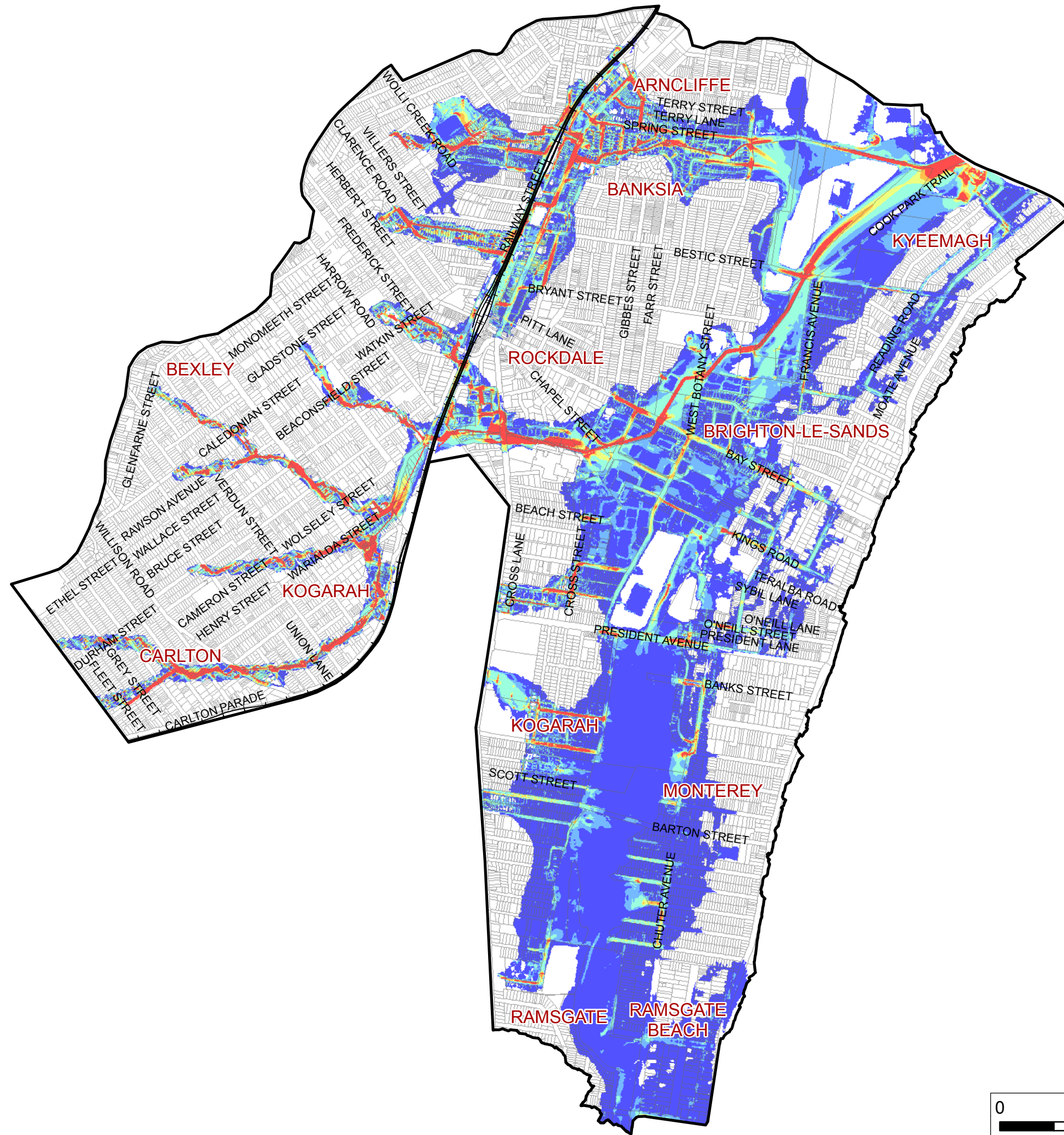


FIGURE E16  
**BAYSIDE WEST FRMS: MUDDY CREEK**  
**PEAK VELOCITY**  
**PMF EVENT**

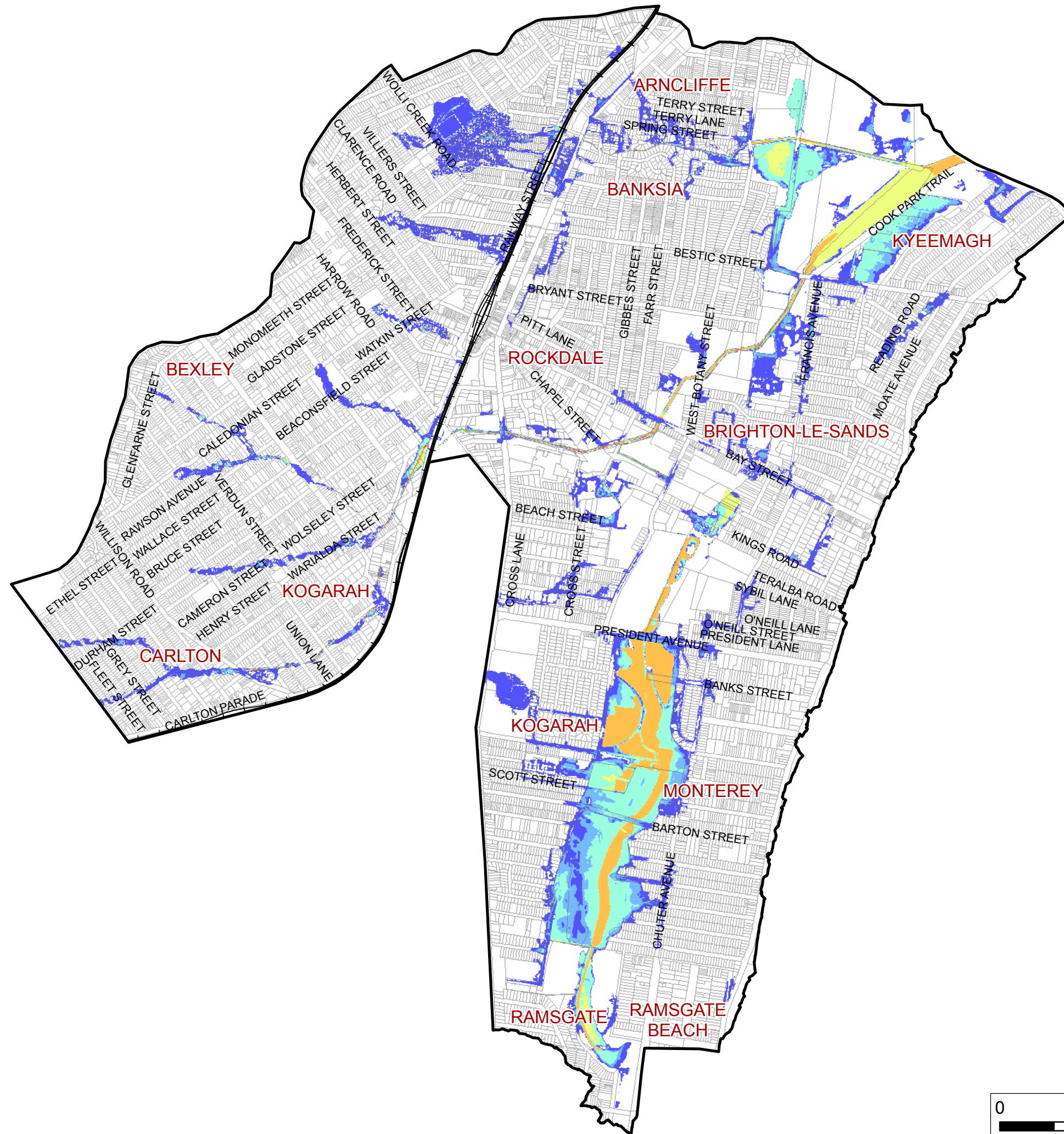


+ Railway  
 Study Area  
 Cadastre  
**Peak Velocity (m/s)**  
 0 - 0.25  
 0.25 - 0.5  
 0.5 - 1  
 1 - 1.25  
 1.25 - 1.5  
 > 1.5





FIGURE E17  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 20% AEP EVENT**



Railway  
 Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

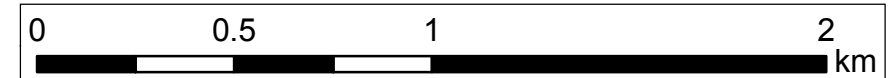
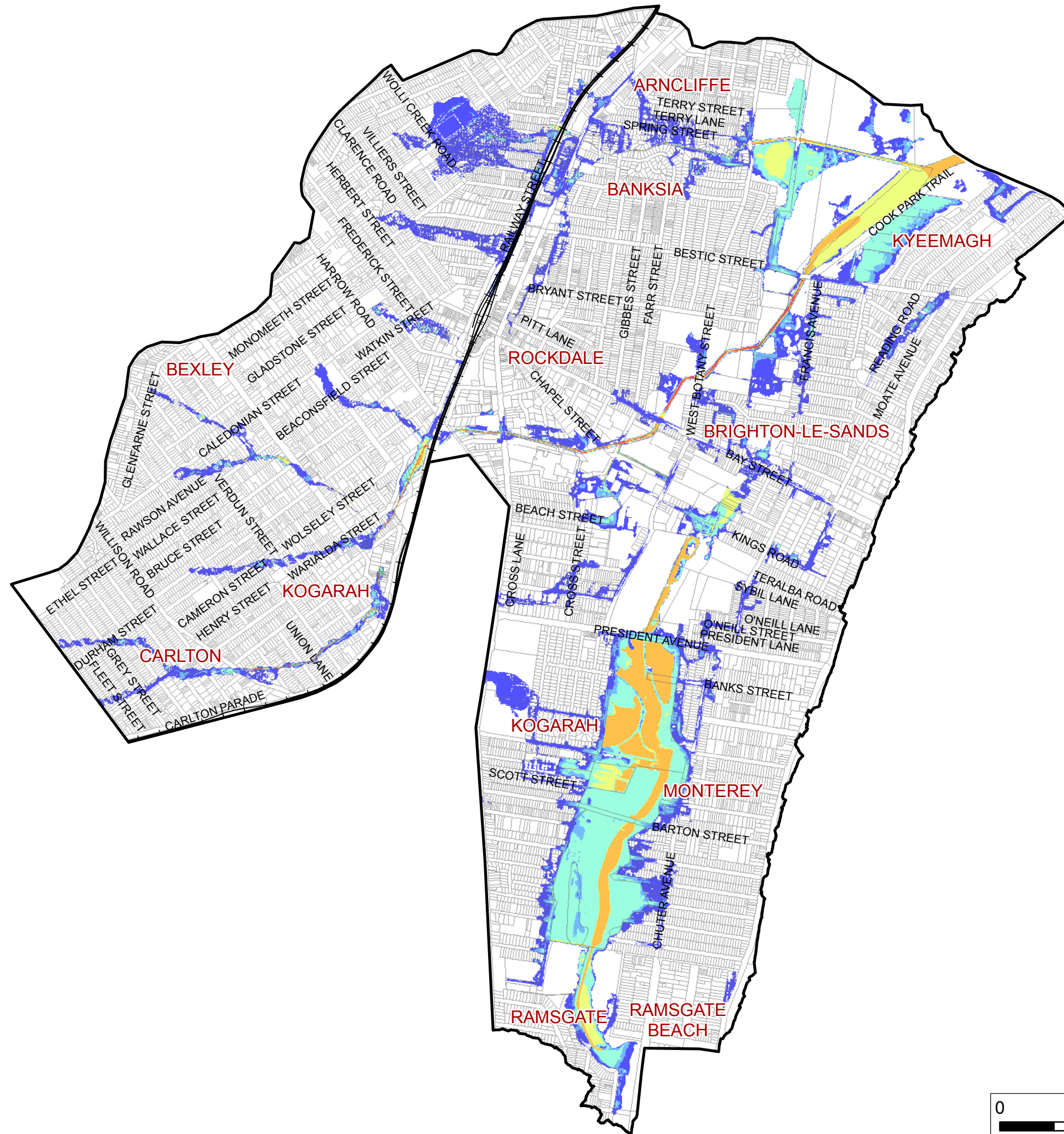








FIGURE E19  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 5% AEP EVENT**



Railway  
 Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

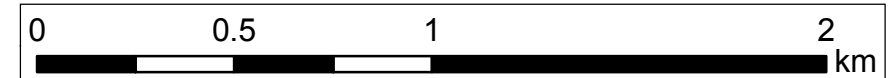
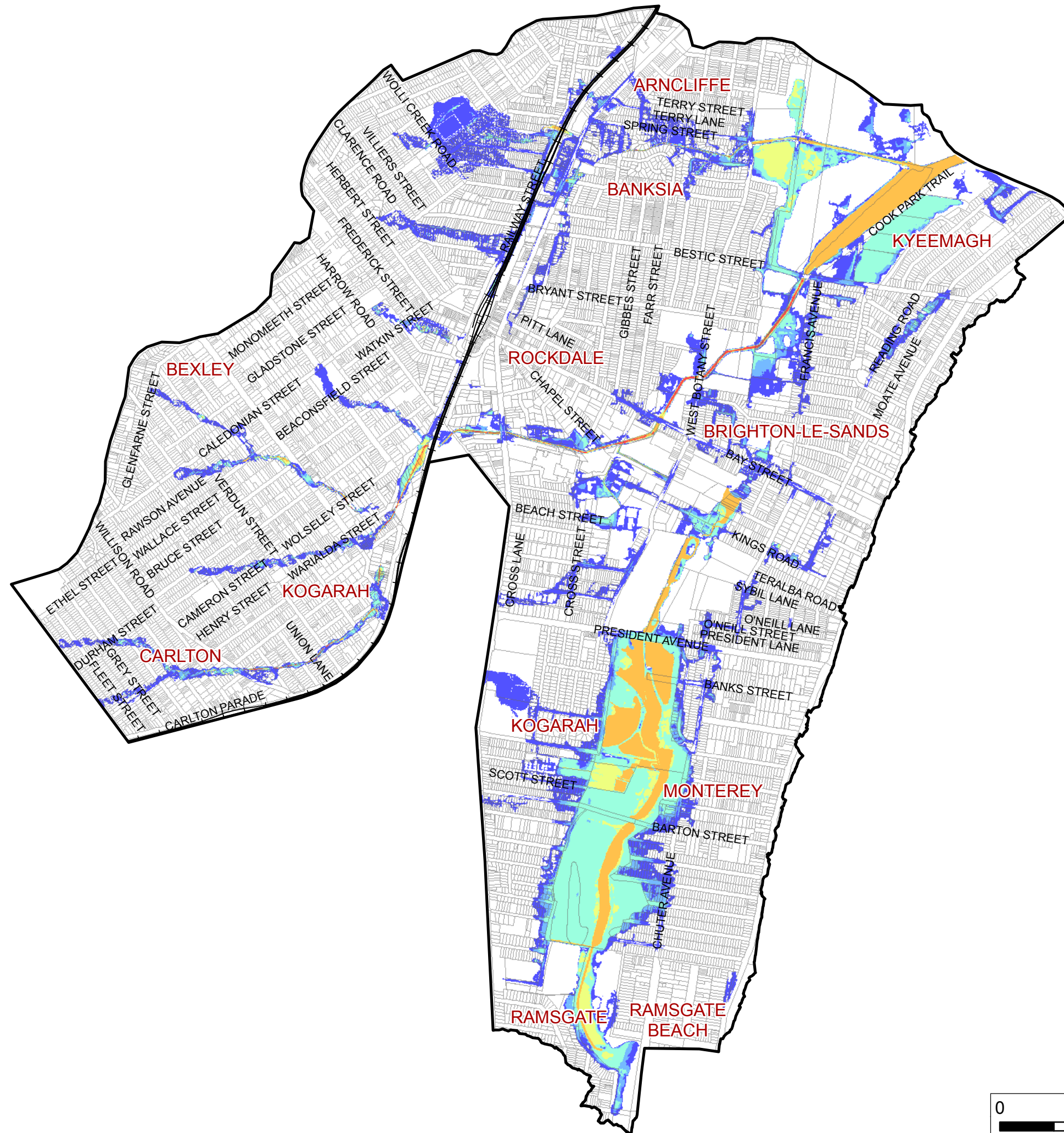




FIGURE E20  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 2% AEP EVENT**



Railway  
 Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

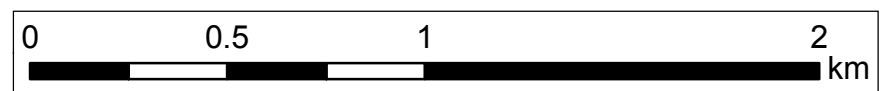
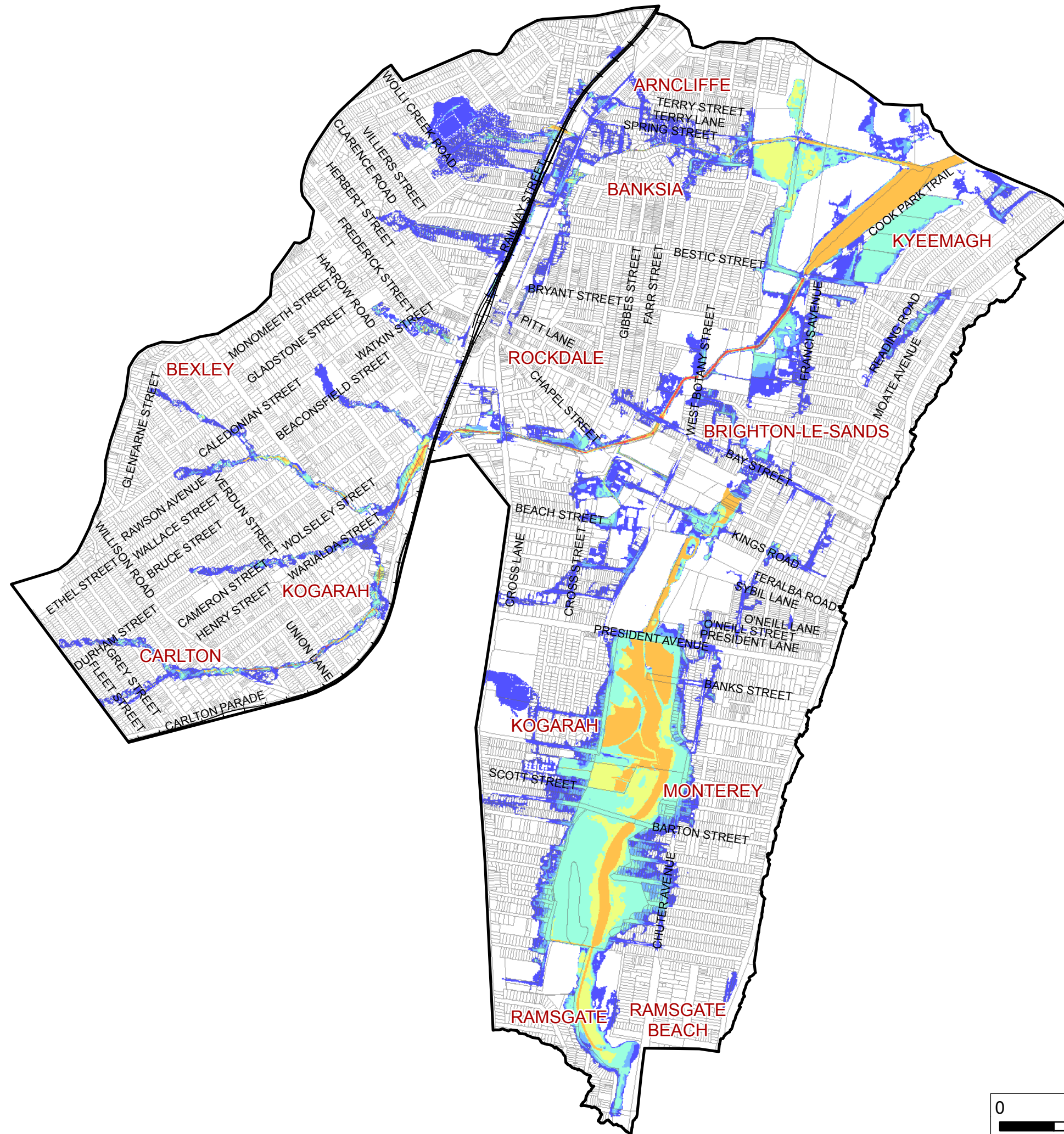




FIGURE E21  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 1% AEP EVENT**



- +— Railway
  - ▭ Study Area
  - ▭ Cadastre
- Hydraulic Hazard**
- H1 - Generally safe for people, vehicles and buildings.
  - H2 - Unsafe for small vehicles.
  - H3 - Unsafe for vehicles, children and the elderly.
  - H4 - Unsafe for people and vehicles.
  - H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
  - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

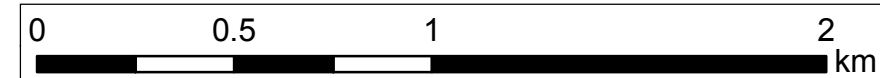
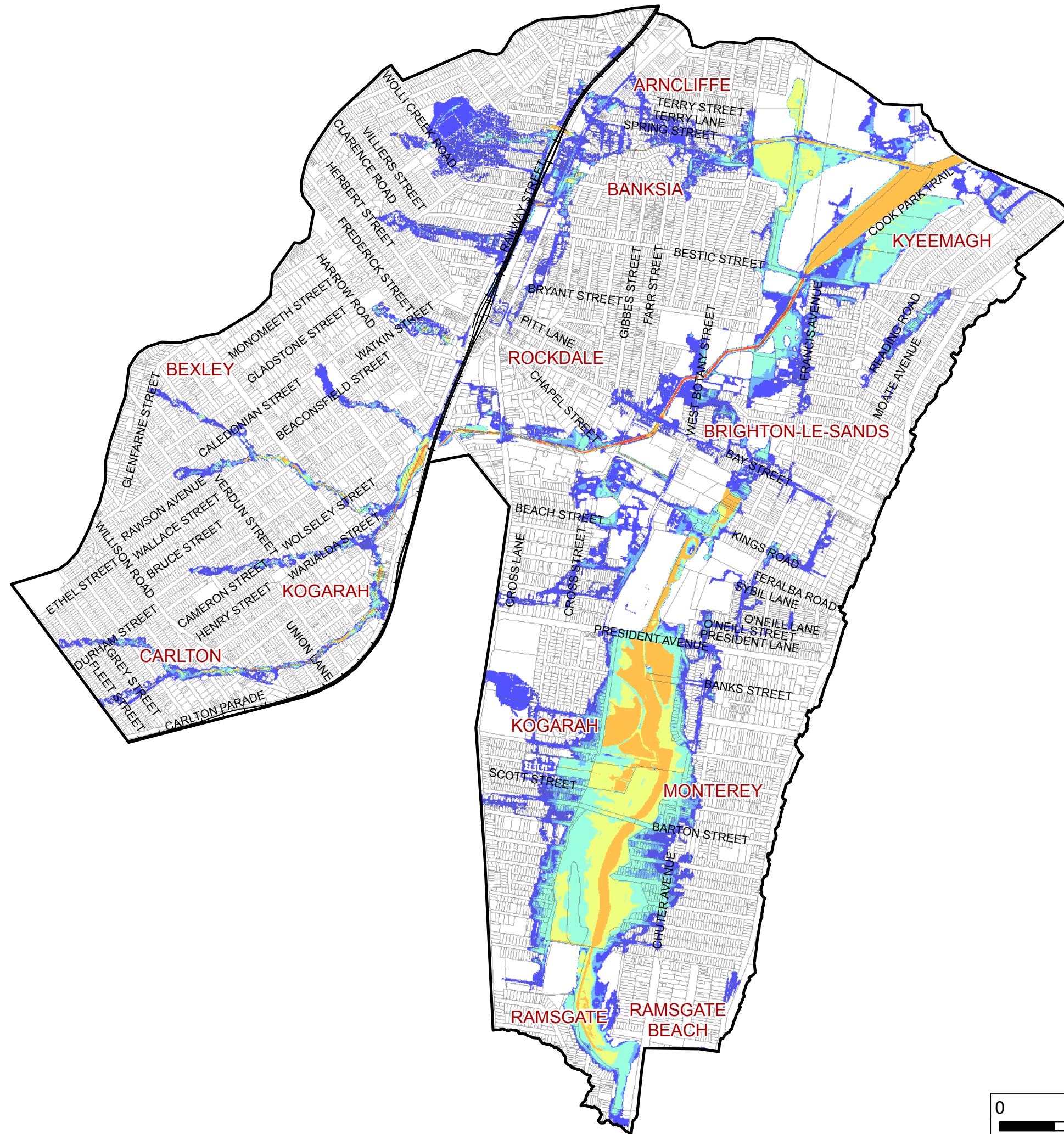




FIGURE E22  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 0.5% AEP EVENT**



Railway  
 Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

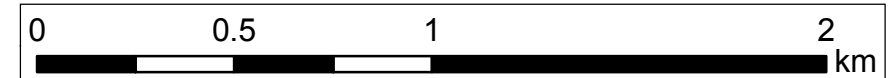
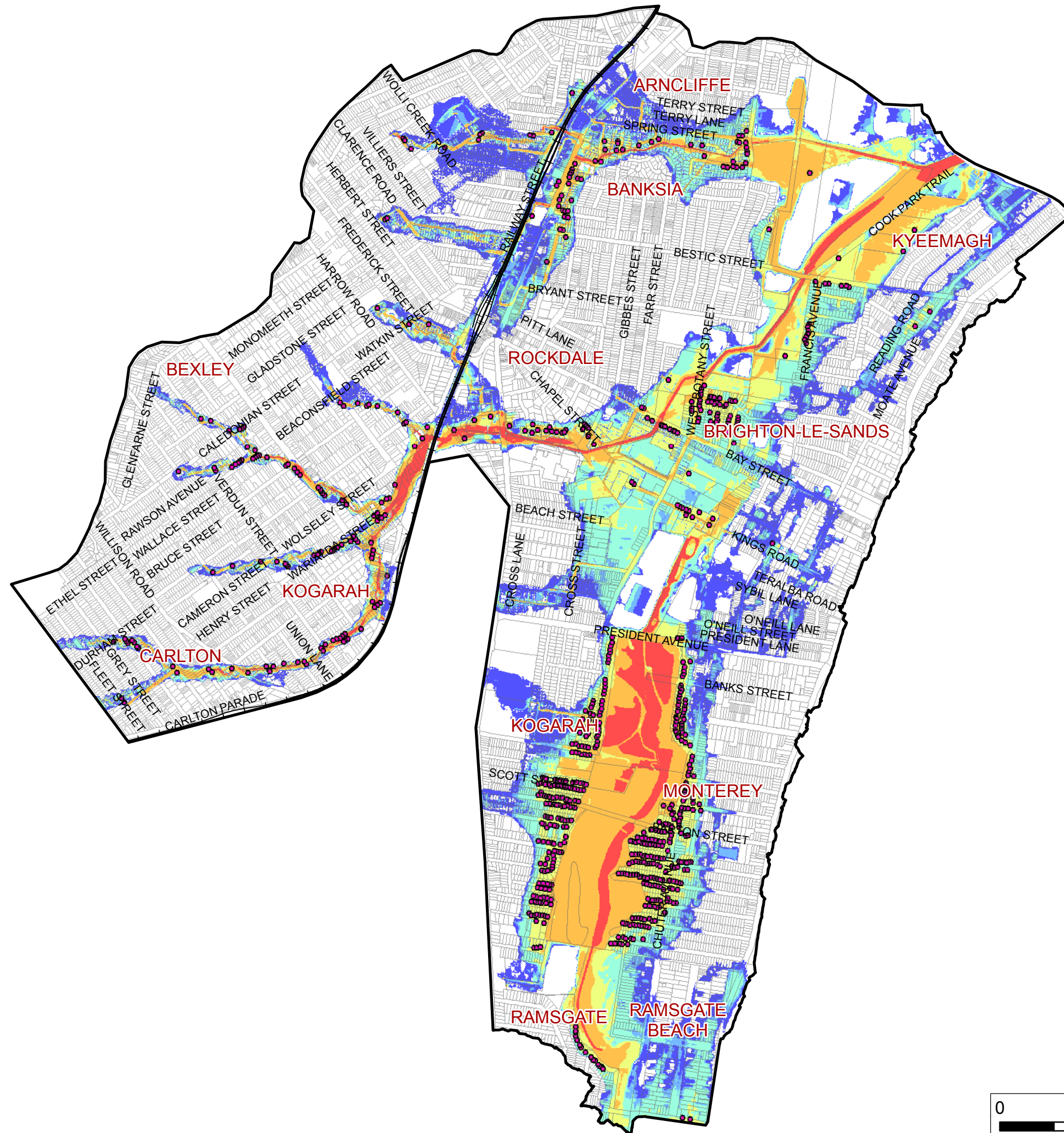








FIGURE E24  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC HAZARD  
 PMF EVENT**



+ Railway  
 Study Area  
 Cadastre  
 Properties affected by H4+

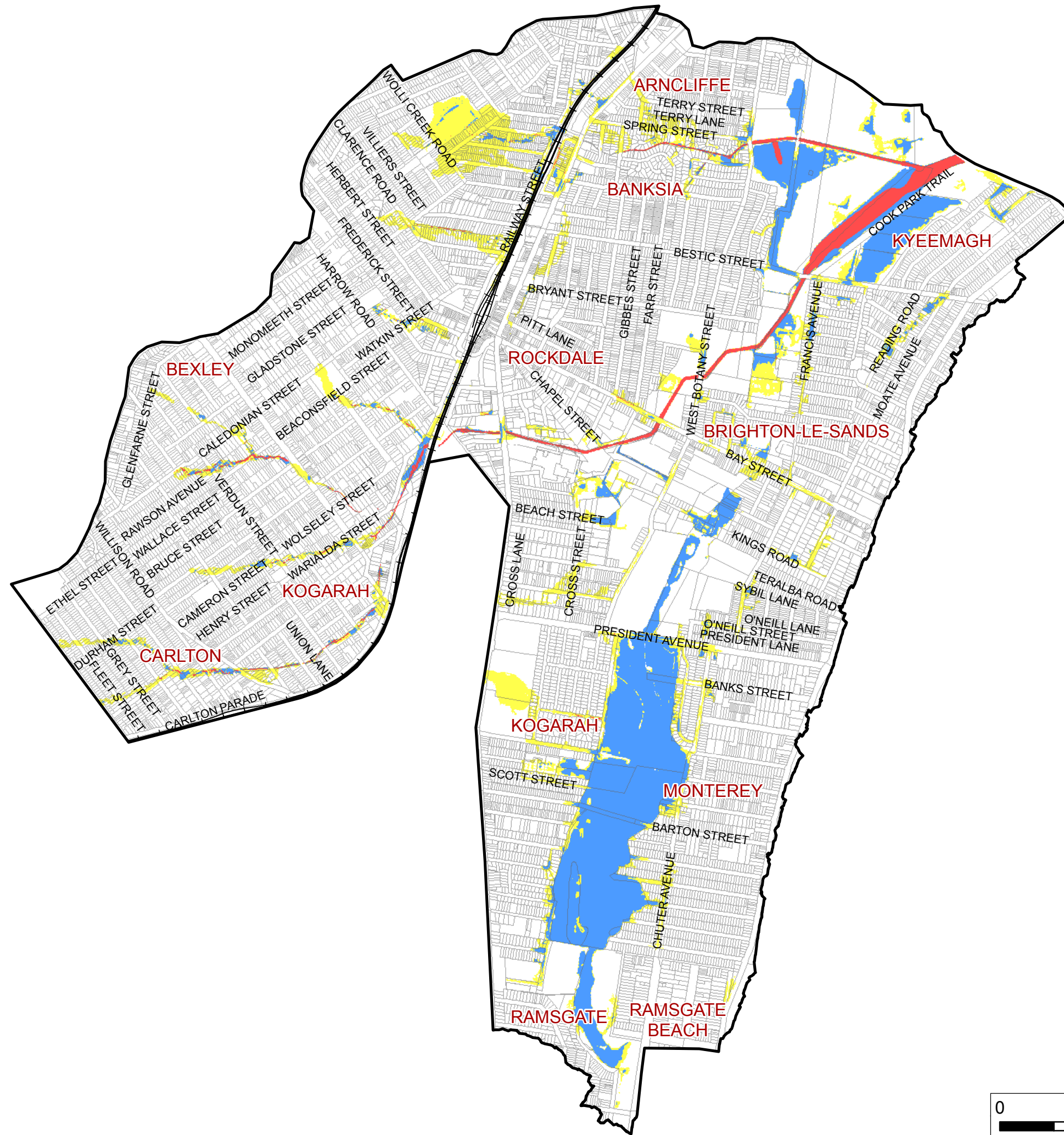
**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.





FIGURE E25  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**20% AEP EVENT**



— Railway  
 — Study Area  
 — Cadastre

**Hydraulic Categorisation**

- Floodway
- Flood Storage
- Flood Fringe

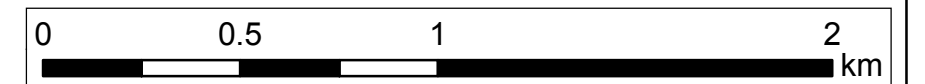
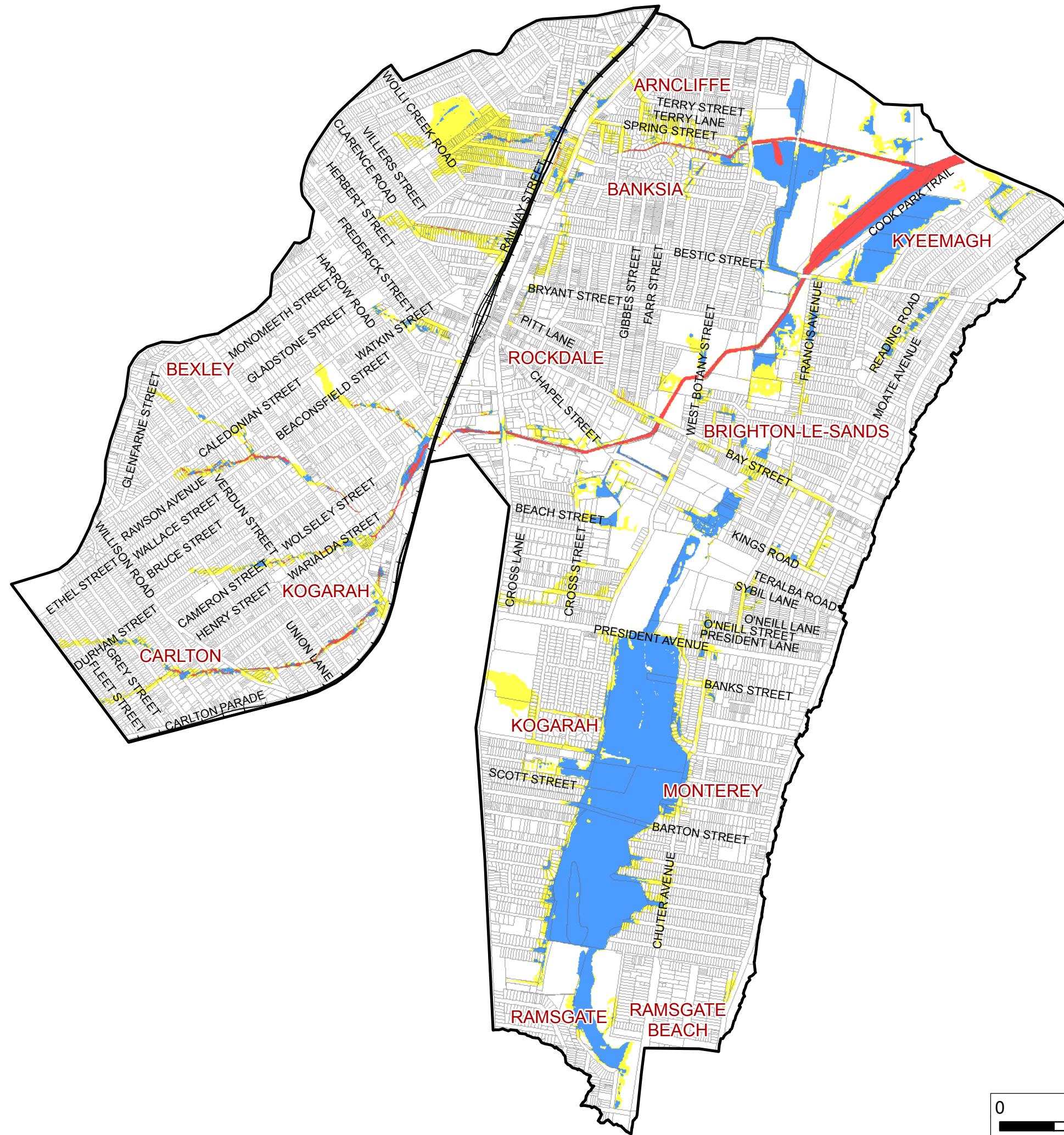




FIGURE E26  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**10% AEP EVENT**



— Railway  
 □ Study Area  
 □ Cadastre

**Hydraulic Categorisation**

- Floodway
- Flood Storage
- Flood Fringe

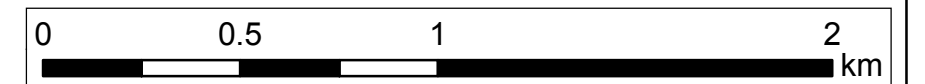
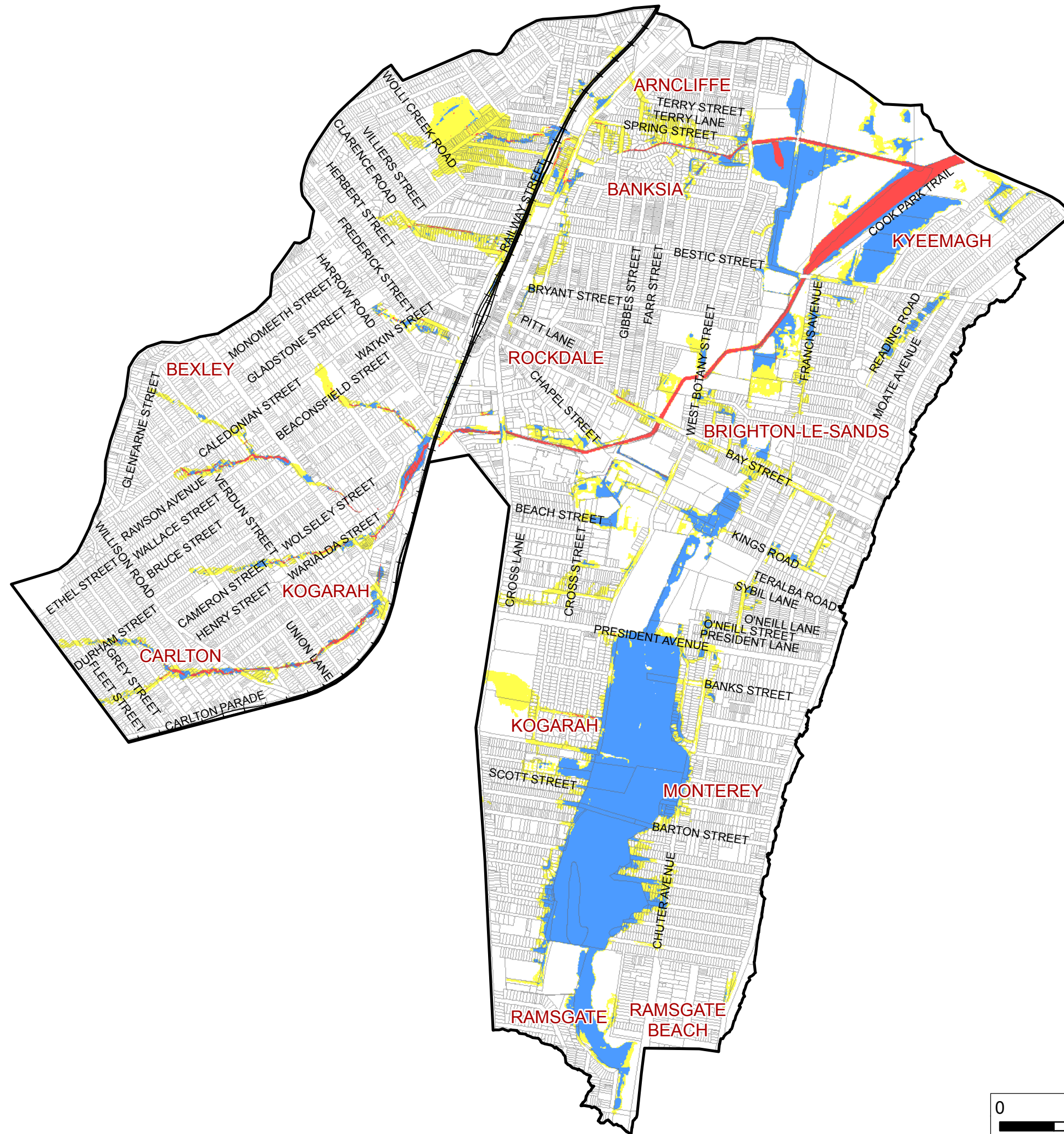




FIGURE E27  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 HYDRAULIC CATEGORIES  
 5% AEP EVENT**



— Railway  
 [Black Outline] Study Area  
 [Grey Outline] Cadastre  
**Hydraulic Categorisation**  
 [Red Box] Floodway  
 [Blue Box] Flood Storage  
 [Yellow Box] Flood Fringe

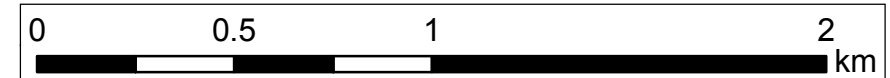
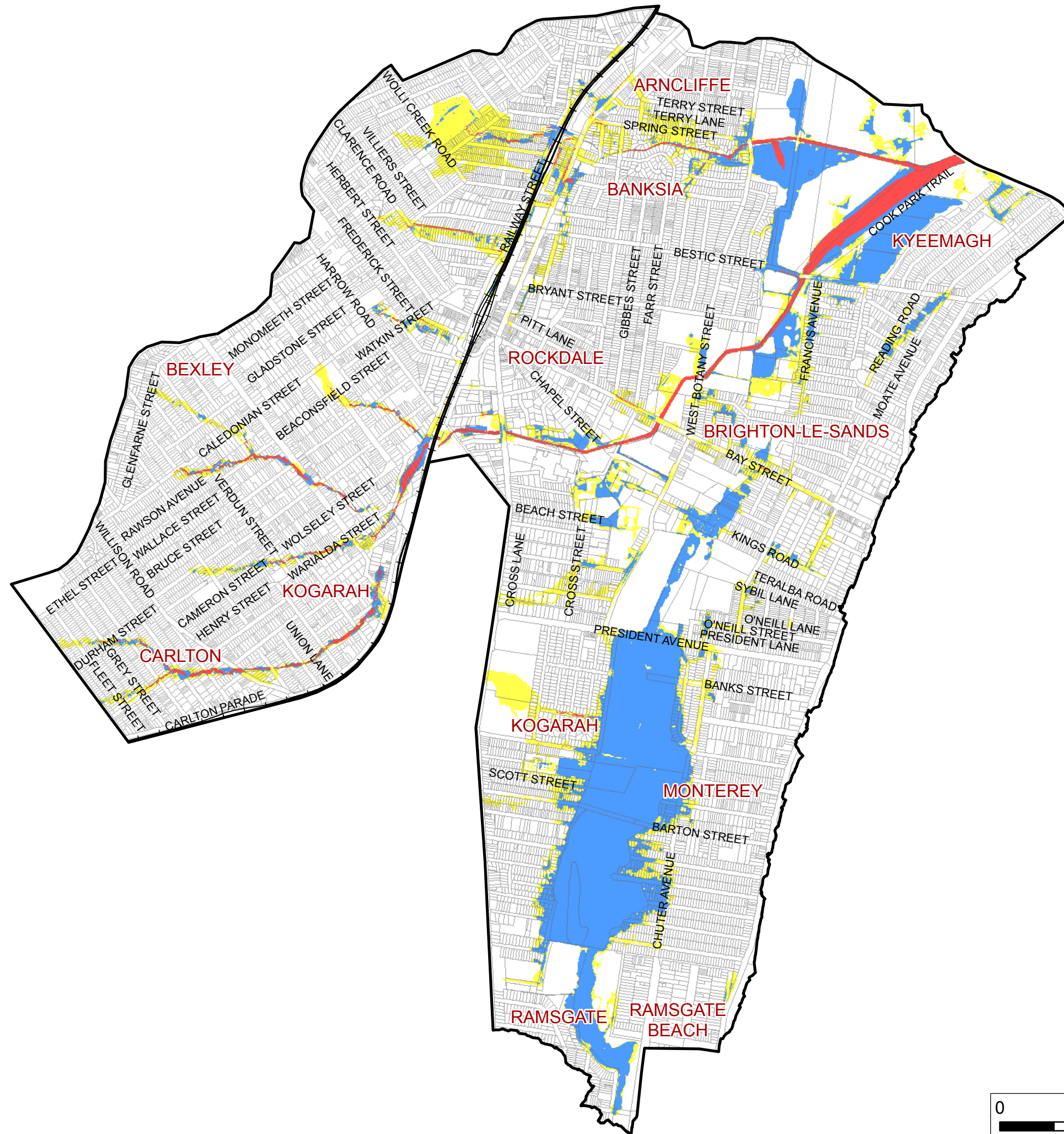




FIGURE E28  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**2% AEP EVENT**



+ Railway  
 Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

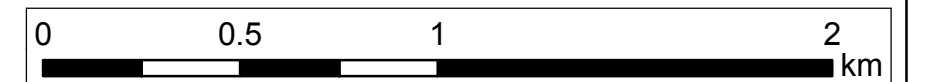
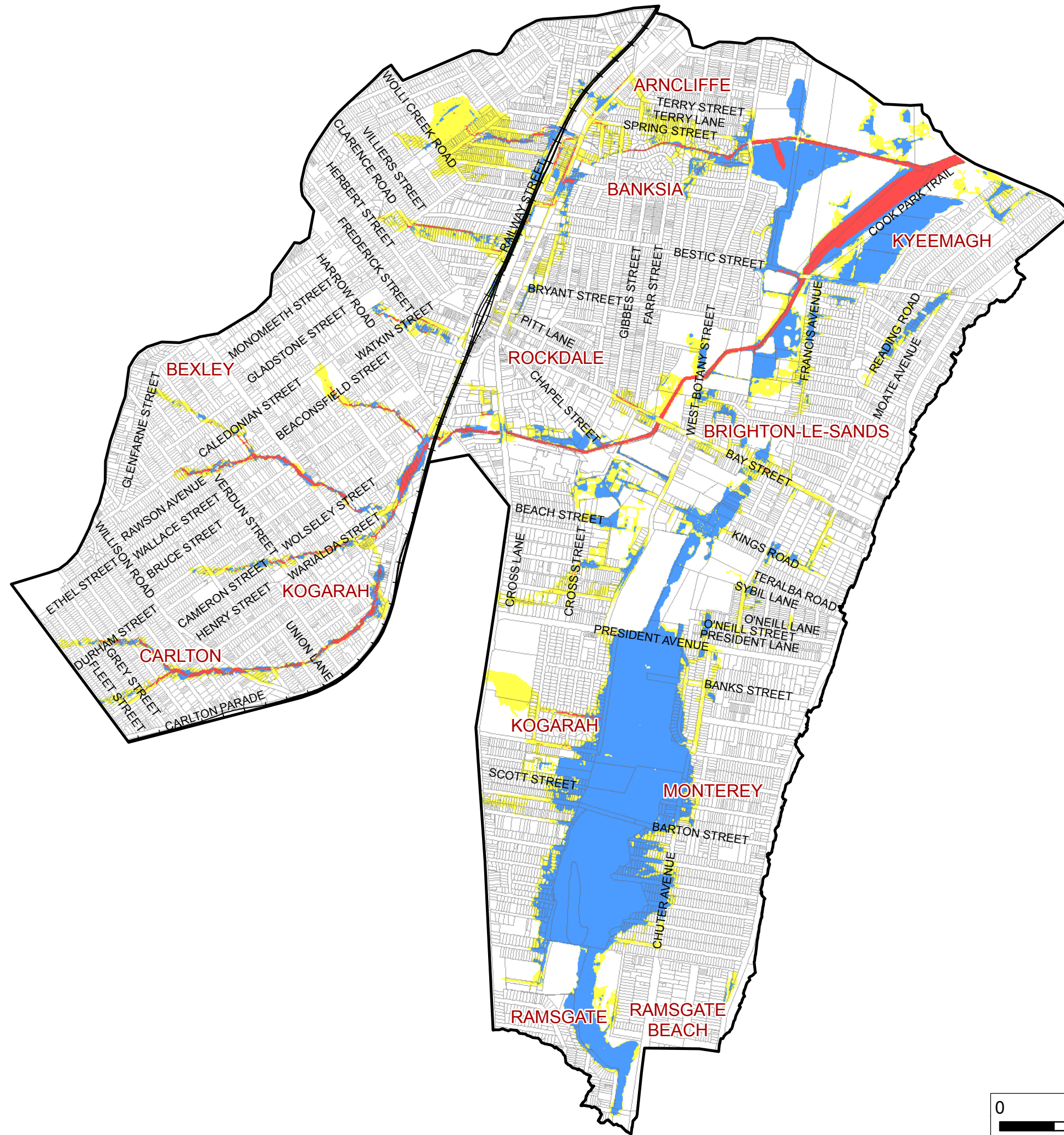




FIGURE E29  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**1% AEP EVENT**



+ Railway  
 Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

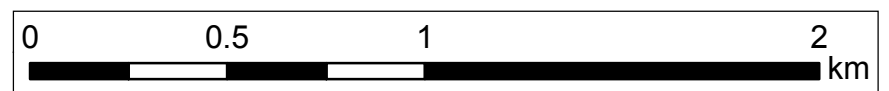
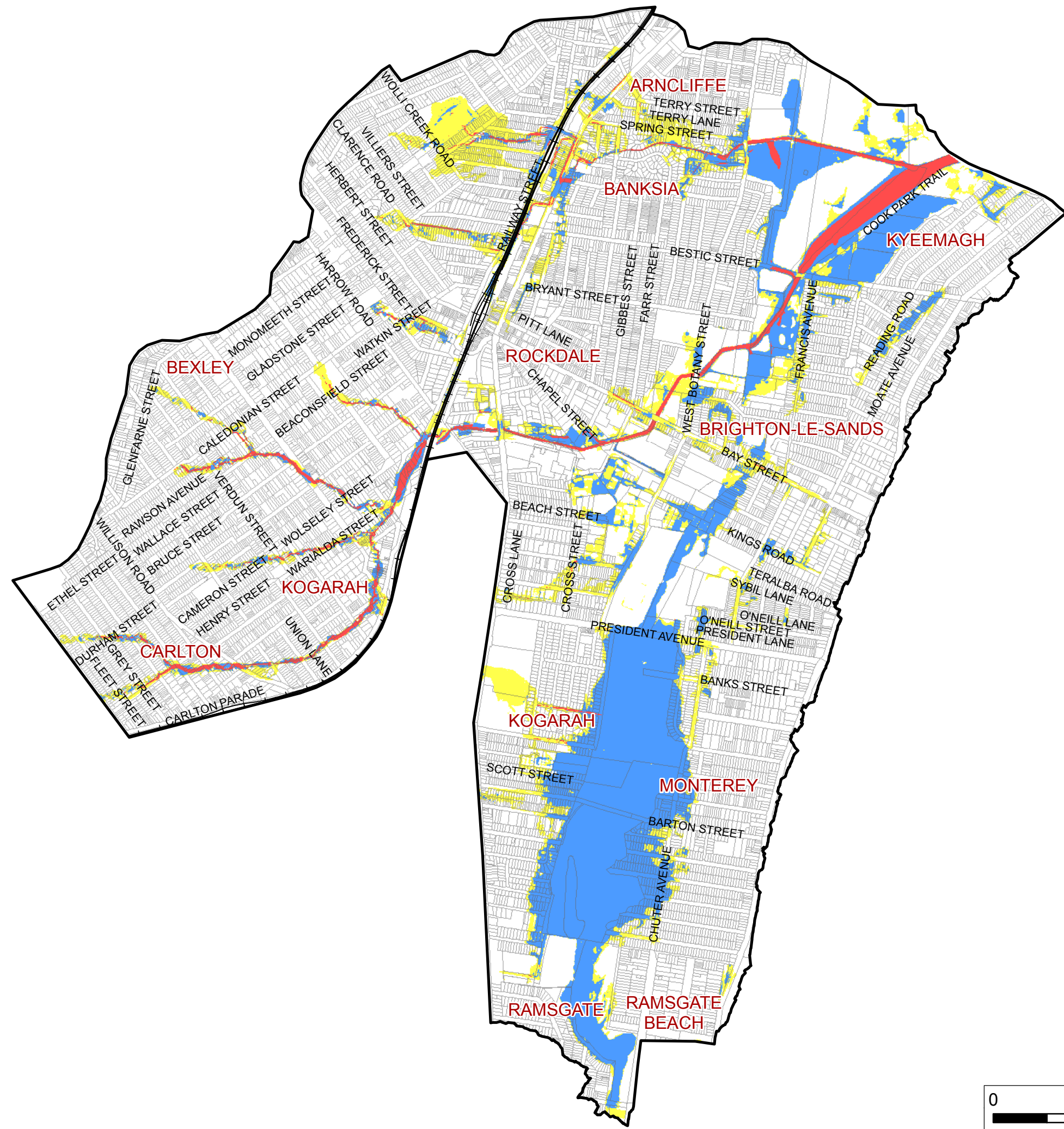




FIGURE E30  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**0.5% AEP EVENT**



— Railway  
 — Study Area  
 — Cadastre  
**Hydraulic Categorisation**  
 ■ Floodway  
 ■ Flood Storage  
 ■ Flood Fringe

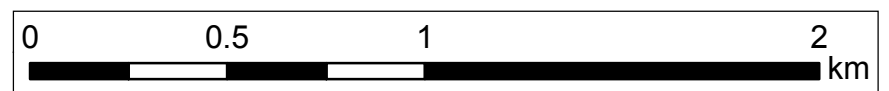
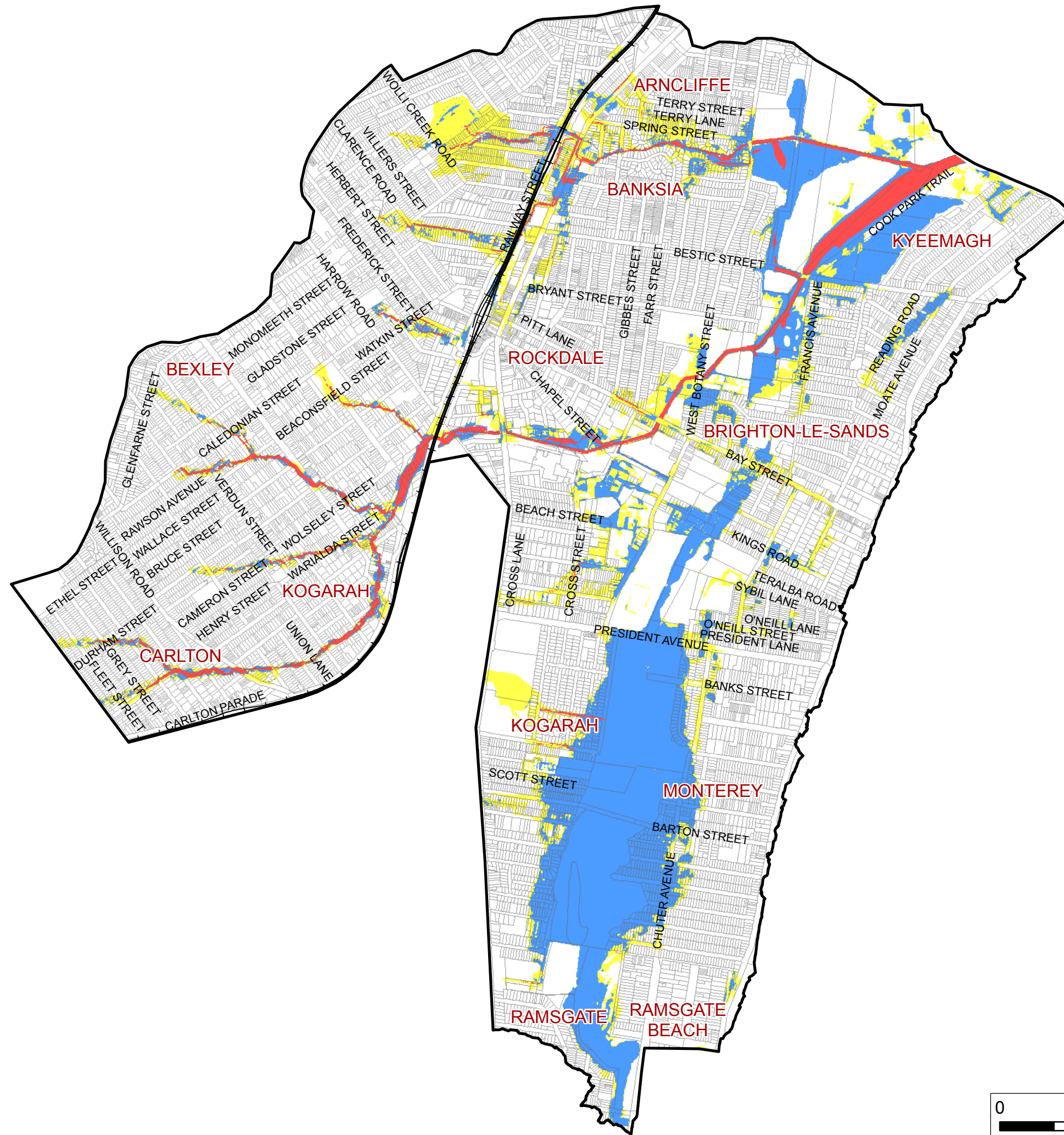




FIGURE E31  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**0.2% AEP EVENT**



— Railway  
 — Study Area  
 — Cadastre  
**Hydraulic Categorisation**  
 ■ Floodway  
 ■ Flood Storage  
 ■ Flood Fringe

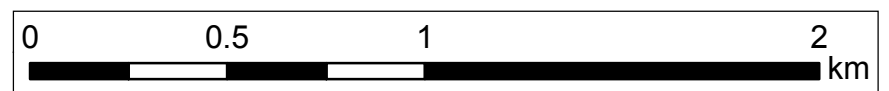
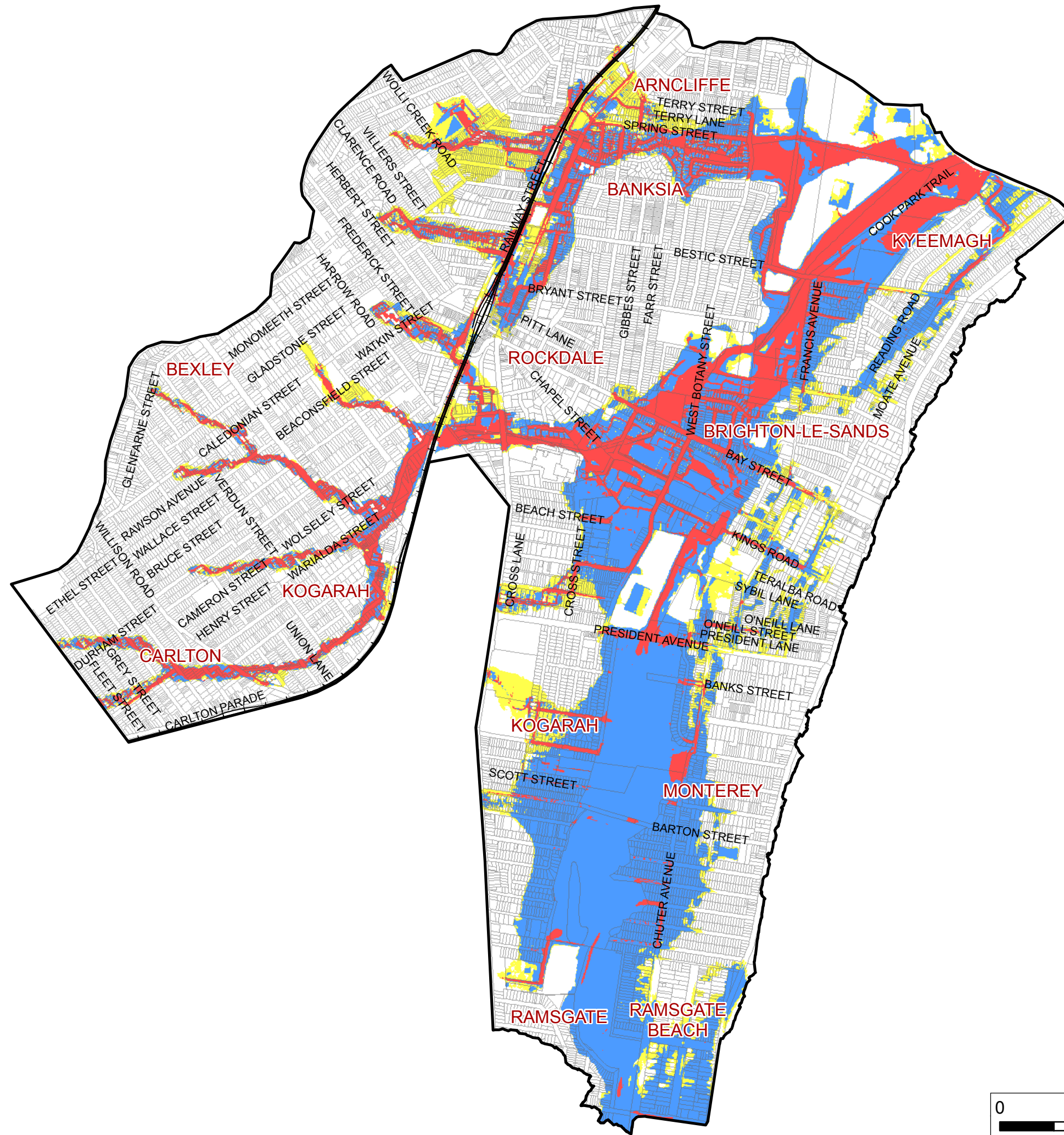




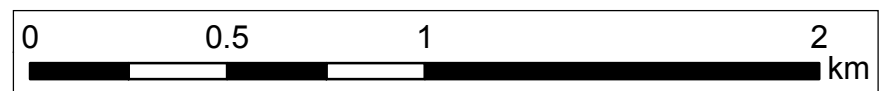
FIGURE E32  
**BAYSIDE WEST FRMS: MUDDY CREEK**  
**HYDRAULIC CATEGORIES**  
**PMF EVENT**



— Railway  
 □ Study Area  
 □ Cadastre

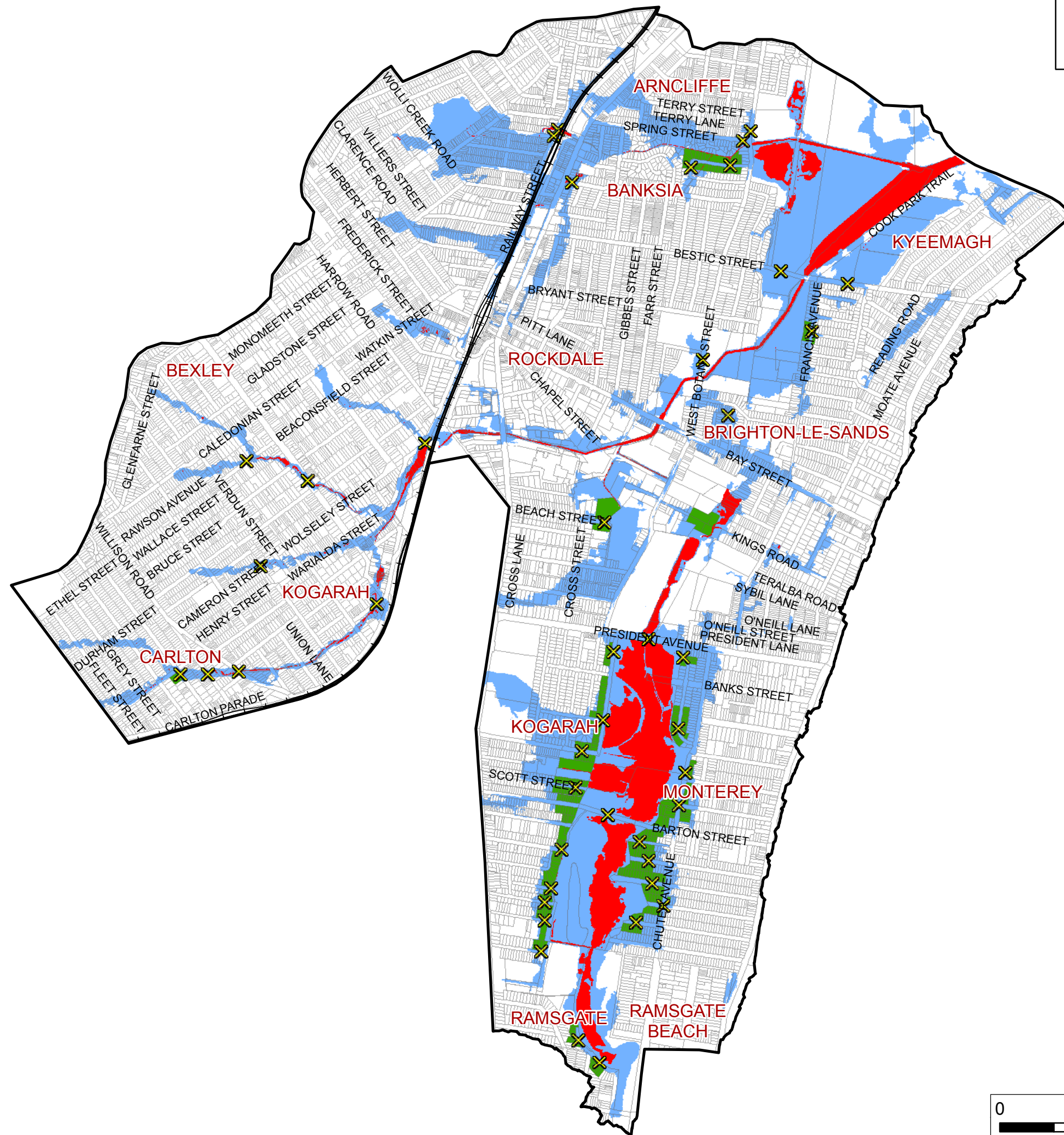
**Hydraulic Categorisation**

■ Floodway  
 ■ Flood Storage  
 ■ Flood Fringe





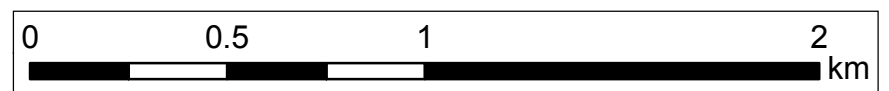
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
FLOOD EMERGENCY RESPONSE CLASSIFICATION  
1% AEP EVENT**



- Railway
- ▭ Study Area
- ▭ Cadastre
- ✕ Roads Cut

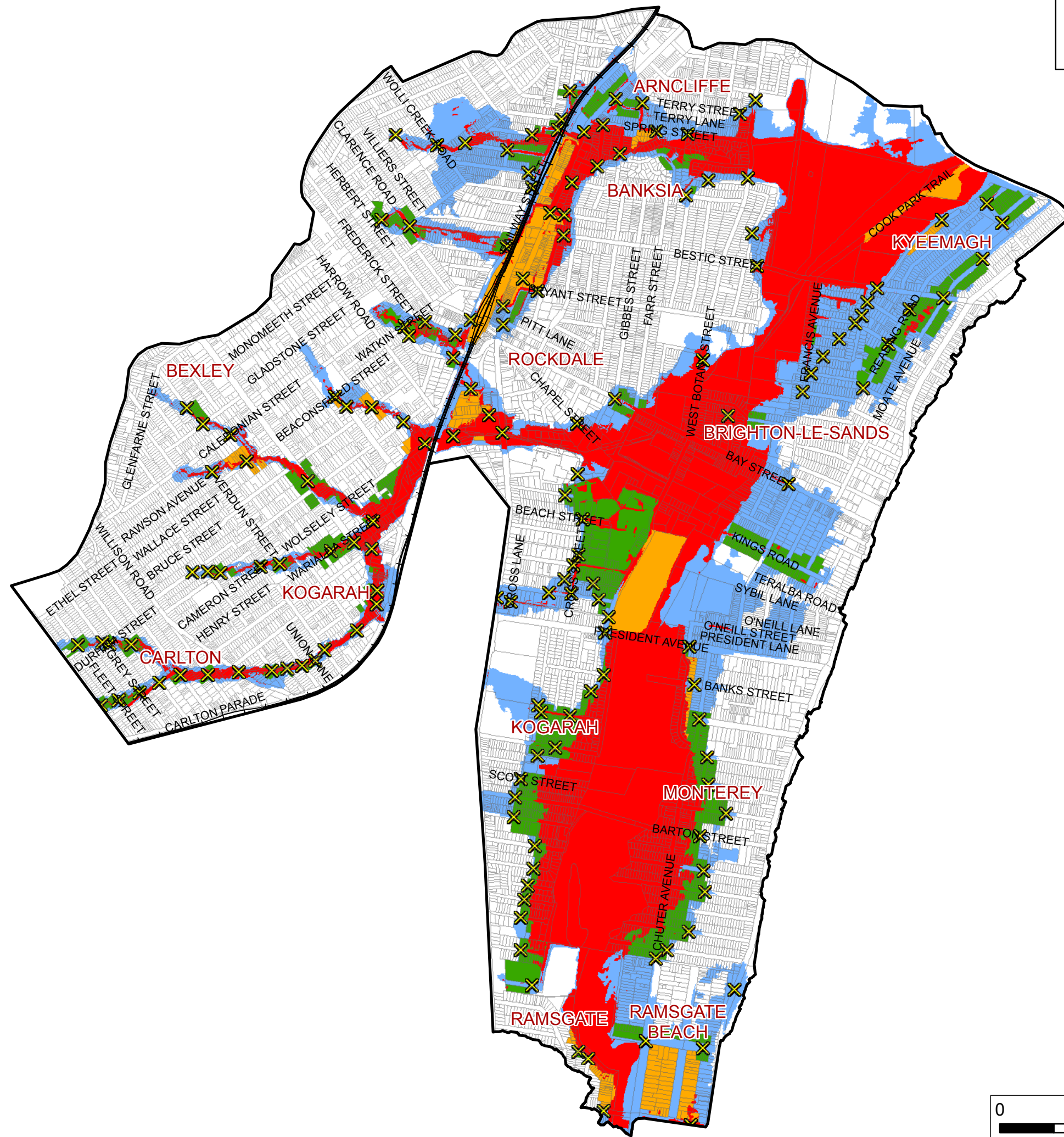
**Flood Emergency Response Classification**

- Low Flood Island
- High Flood Island
- Overland Escape Route
- Rising Road Access
- Indirectly Affected





**BAYSIDE WEST FRMS&P: MUDDY CREEK  
FLOOD EMERGENCY RESPONSE CLASSIFICATION  
PMF EVENT**

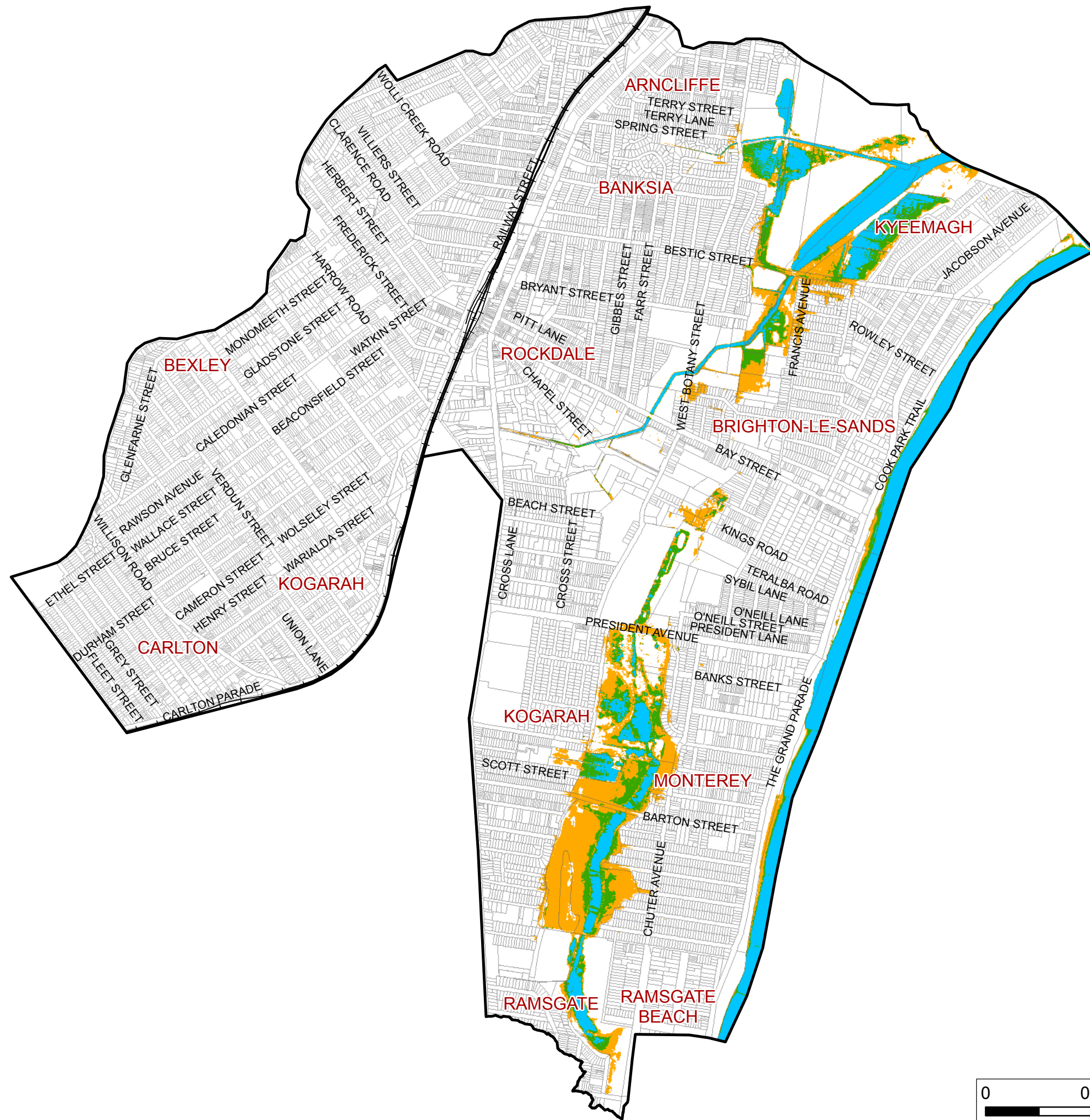








**BAYSIDE WEST FRMS&P: MUDDY CREEK  
TIDAL INUNDATION EXTENT  
HIGH HIGH WATER SOLSTICE SPRINGS**



- +— Railway
- ▭ Study Area
- ▭ Cadastre
- ▭ HHWSS
- ▭ HHWSS +0.4m Sea Level Rise
- ▭ HHWSS +0.9m Sea Level Rise

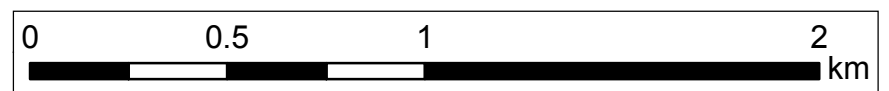
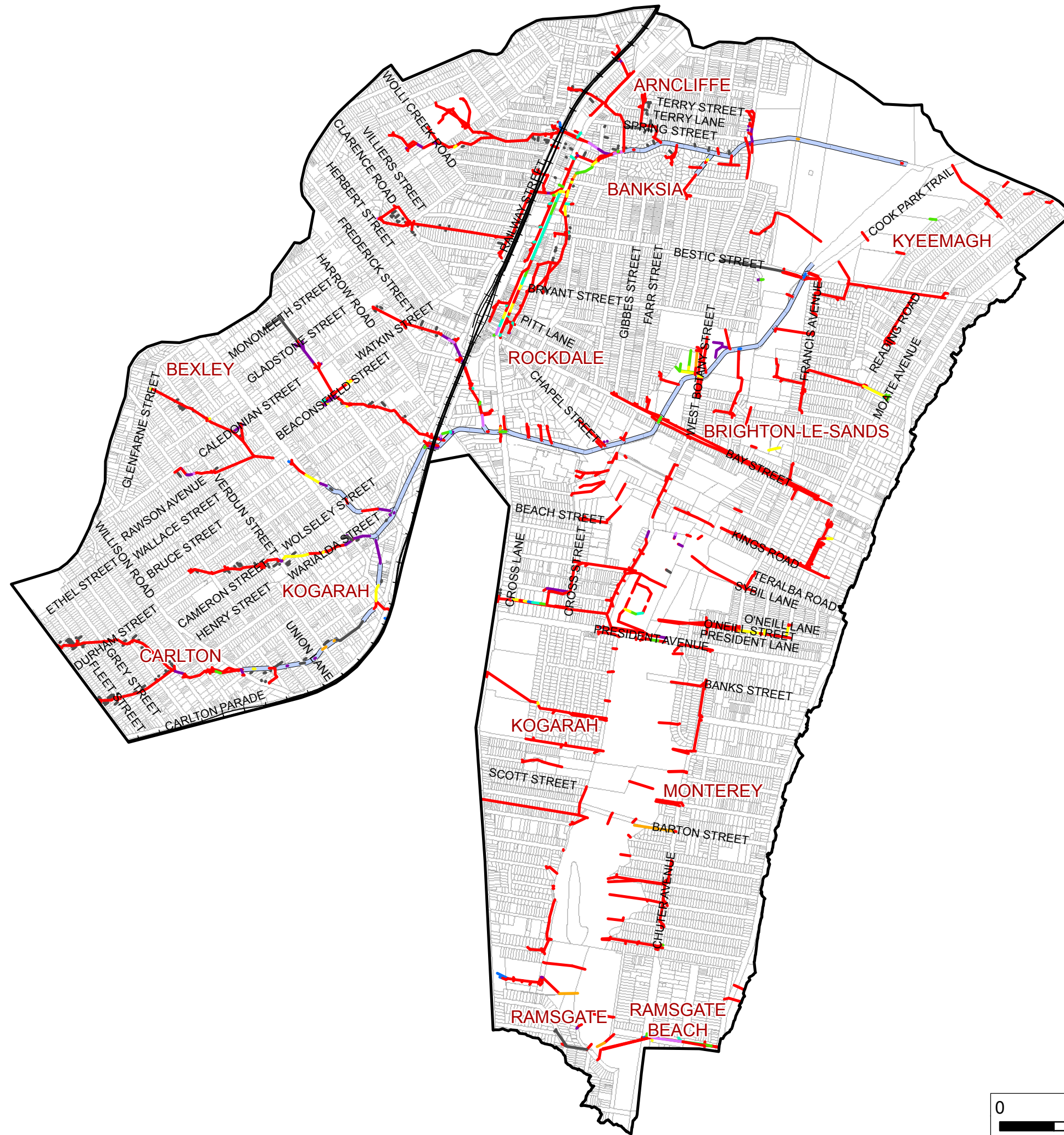
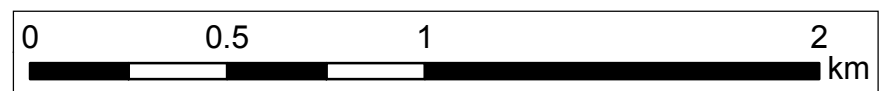




FIGURE E37  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 PIPE CAPACITY ASSESSMENT  
 FIRST EVENT FULL**

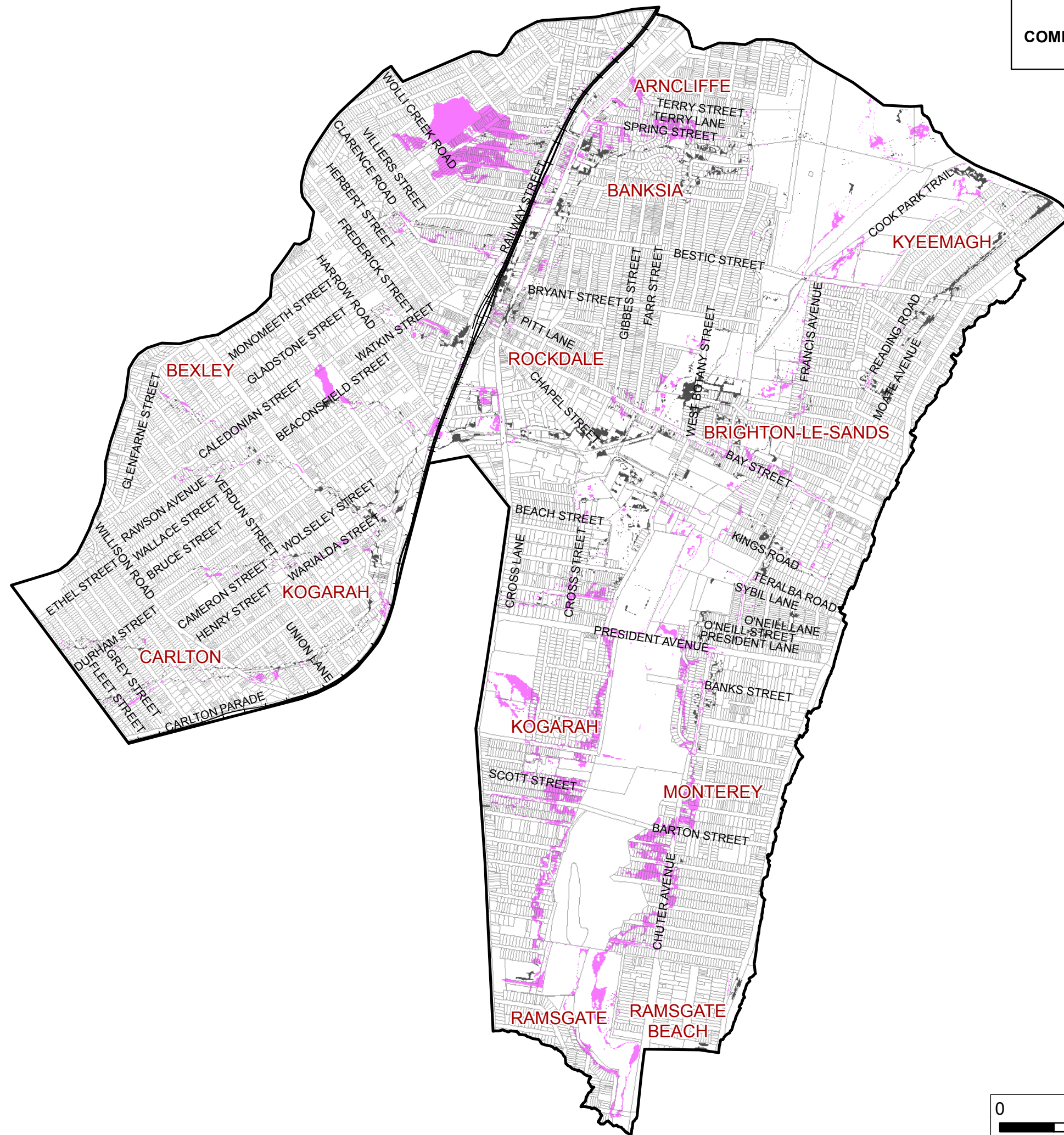


- +— Railway
- ▭ Study Area
- ▭ Cadastre
- Open Channels
- Event Full**
- 20% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.5% AEP
- 0.2% AEP
- PMF
- Not Full





**BAYSIDE WEST FRMS&P: MUDDY CREEK  
COMPARISON WITH PREVIOUS FLOOD STUDY RESULTS  
1% AEP EVENT**

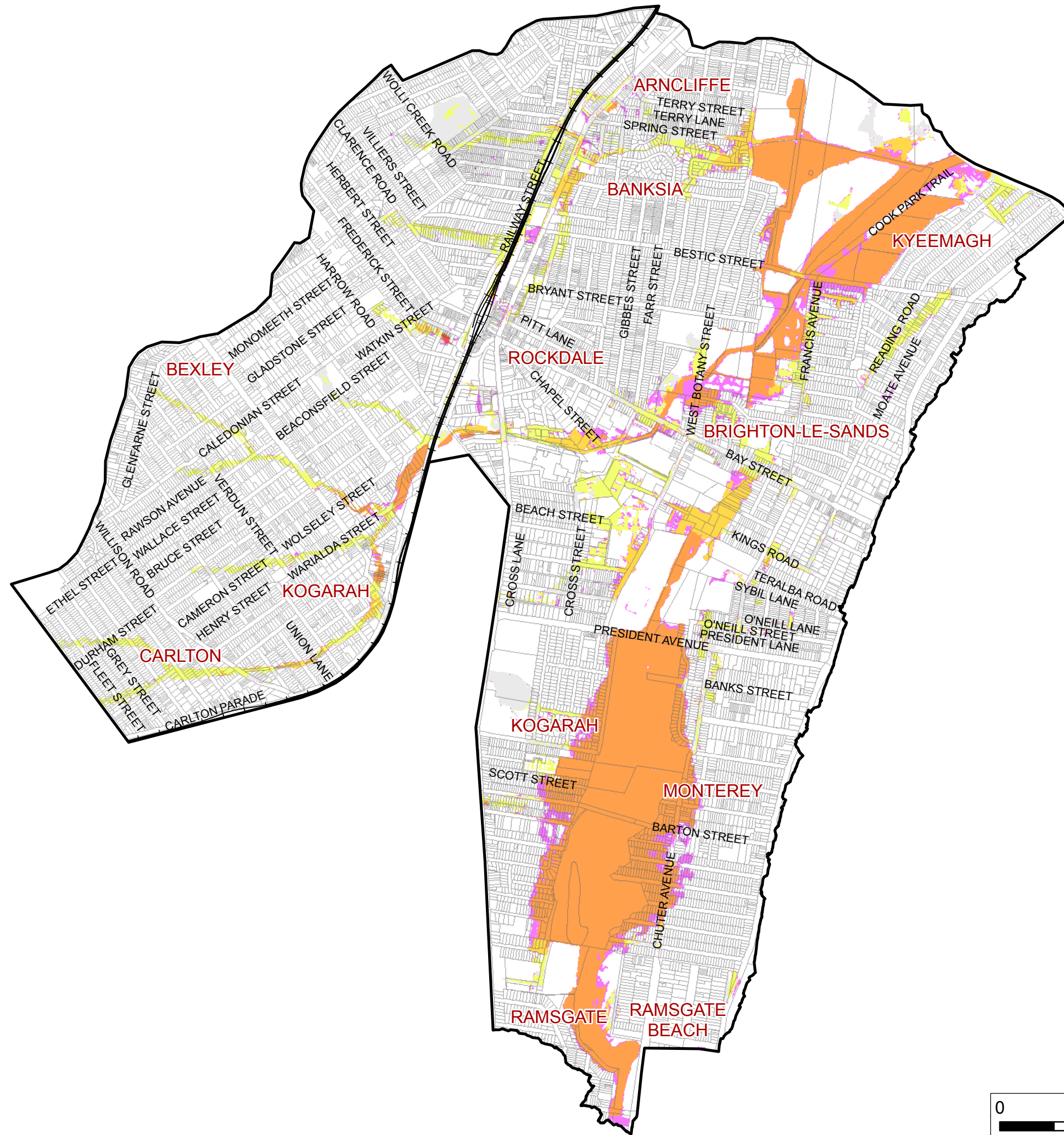


- +— Railway
- ▭ Study Area
- ▭ Cadastre
- ▭ No Longer Flooded
- ▭ Newly Flooded





FIGURE E39  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**CLIMATE CHANGE SENSITIVITY 2050**  
**1% AEP EVENT**



+ Railway  
 Study Area  
 Cadastre  
**Change in Flood Level (m)**  
 < -0.5  
 -0.5 to -0.2  
 -0.2 to -0.1  
 -0.1 to -0.01  
 -0.01 to 0.01  
 0.01 to 0.1  
 0.1 to 0.2  
 0.2 to 0.5  
 > 0.5  
 No Longer Flooded  
 Newly Flooded

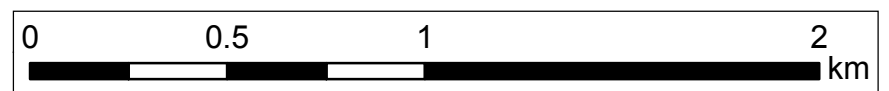
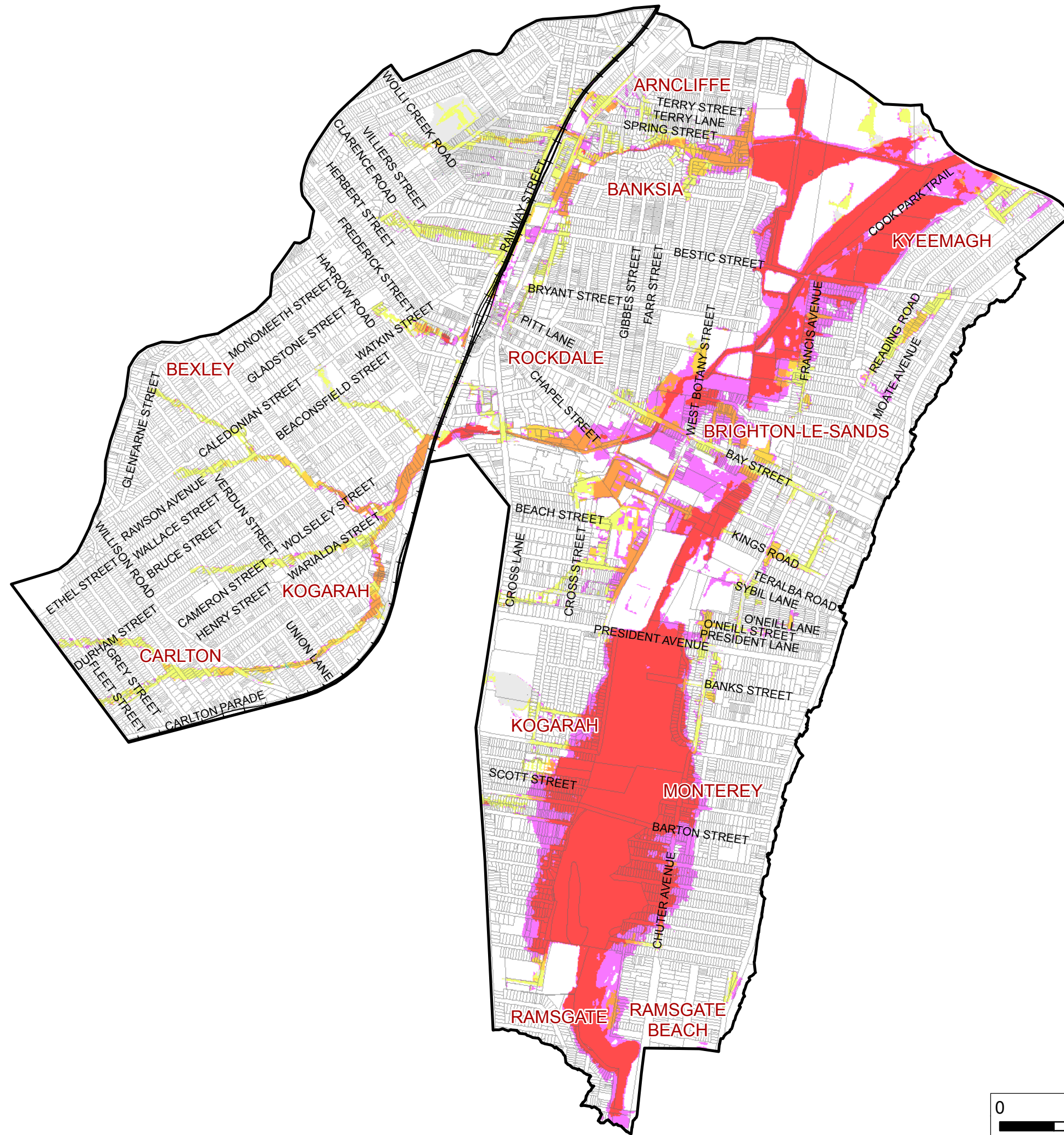




FIGURE E40  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**CLIMATE CHANGE SENSITIVITY 2090**  
**1% AEP EVENT**



- + Railway
- ▭ Study Area
- ▭ Cadastre

**Change in Flood Level (m)**

- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.01
- -0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded

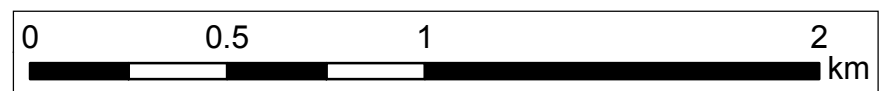
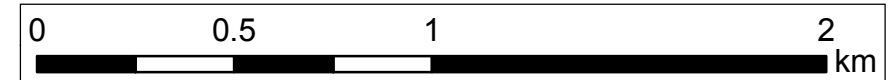








FIGURE E42  
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
 FRY'S RESERVE LEVEE FAILURE  
 1% AEP EVENT**





**BAYSIDE WEST FRMS&P: MUDDY CREEK  
FRYS RESERVE LEVELLEE OVERTOPPING FAILURE  
0.5% AEP EVENT**



Legend:

- +— Railway
- ▭ Study Area
- ▭ Cadastre

**Change in Flood Level (m)**

- Blue: < -0.5
- Dark Blue: -0.5 to -0.2
- Light Blue: -0.2 to -0.1
- Cyan: -0.1 to -0.01
- Light Grey: -0.01 to 0.01
- Yellow: 0.01 to 0.1
- Orange: 0.1 to 0.2
- Red-Orange: 0.2 to 0.5
- Red: > 0.5
- Black: No Longer Flooded
- Purple: Newly Flooded

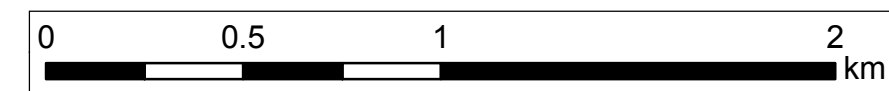
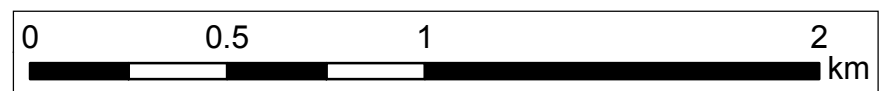




FIGURE E44  
**BAYSIDE WEST FRMS&P: MUDDY CREEK**  
**THE STRAND LEVEE FAILURE**  
**1% AEP EVENT**

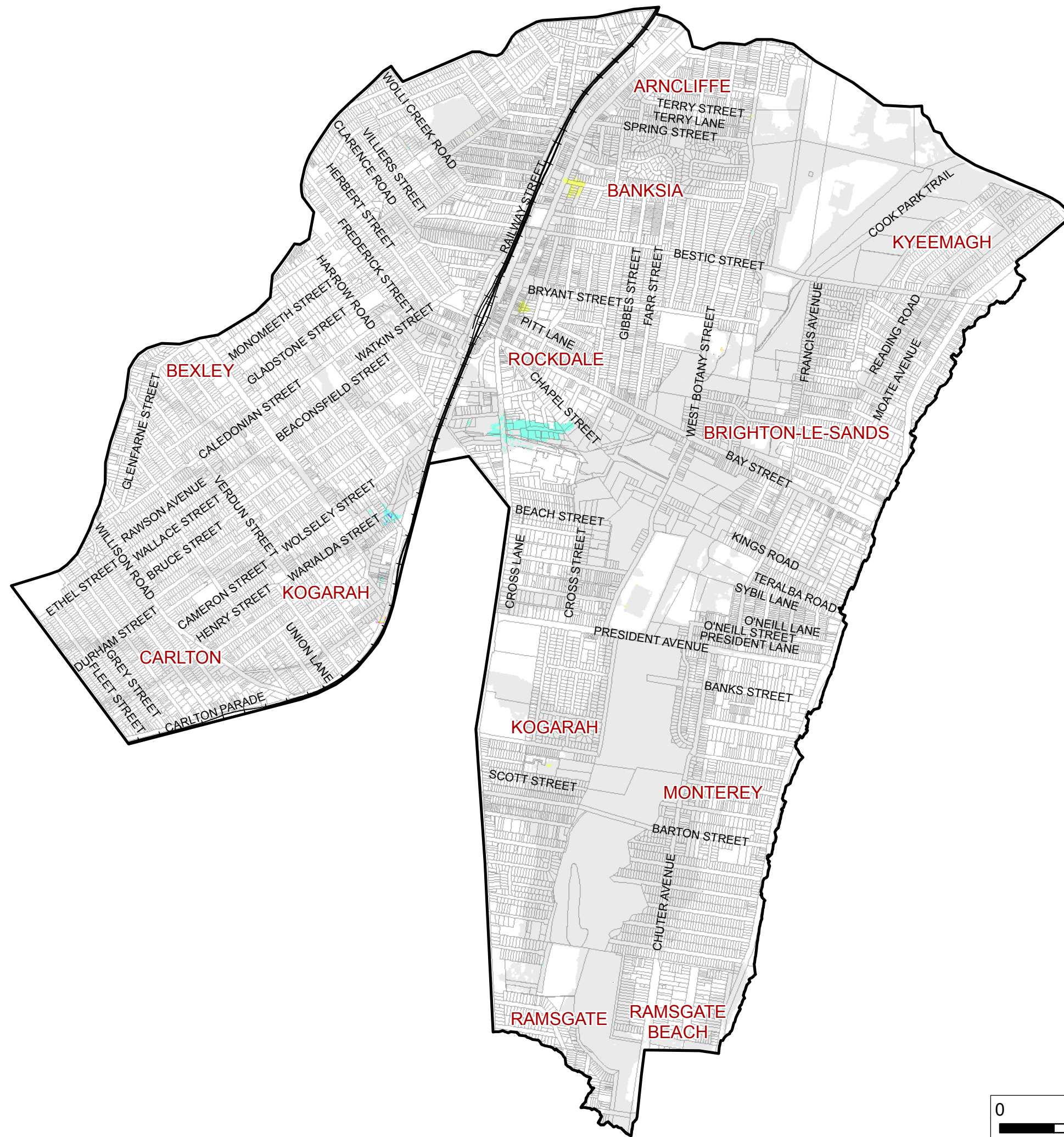


- + Railway
- Study Area
- Cadastre
- Change in Flood Level (m)**
- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





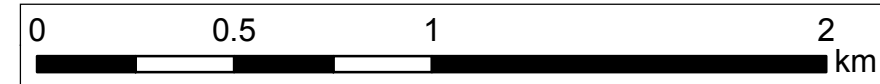
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
THE STRAND LEVEL OVERTOPPING FAILURE  
PMF EVENT**



- + Railway
- Study Area
- Cadastre

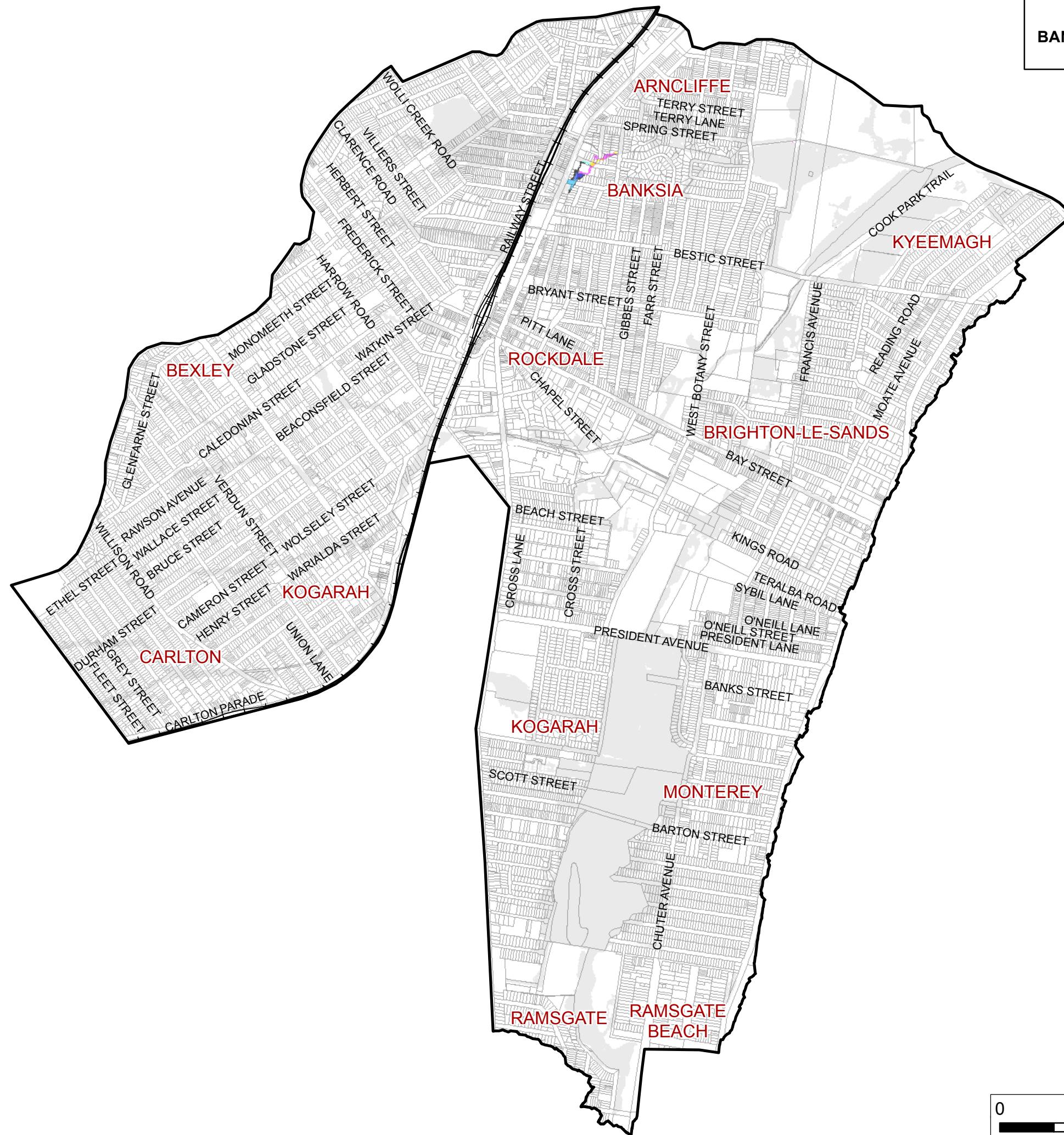
**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





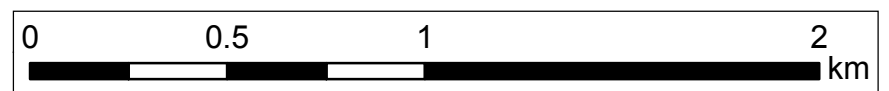
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
BANKSIA AVENUE DEVELOPMENT FLOWPATH IMPACT  
5% AEP EVENT**



- + Railway
- Study Area
- Cadastre

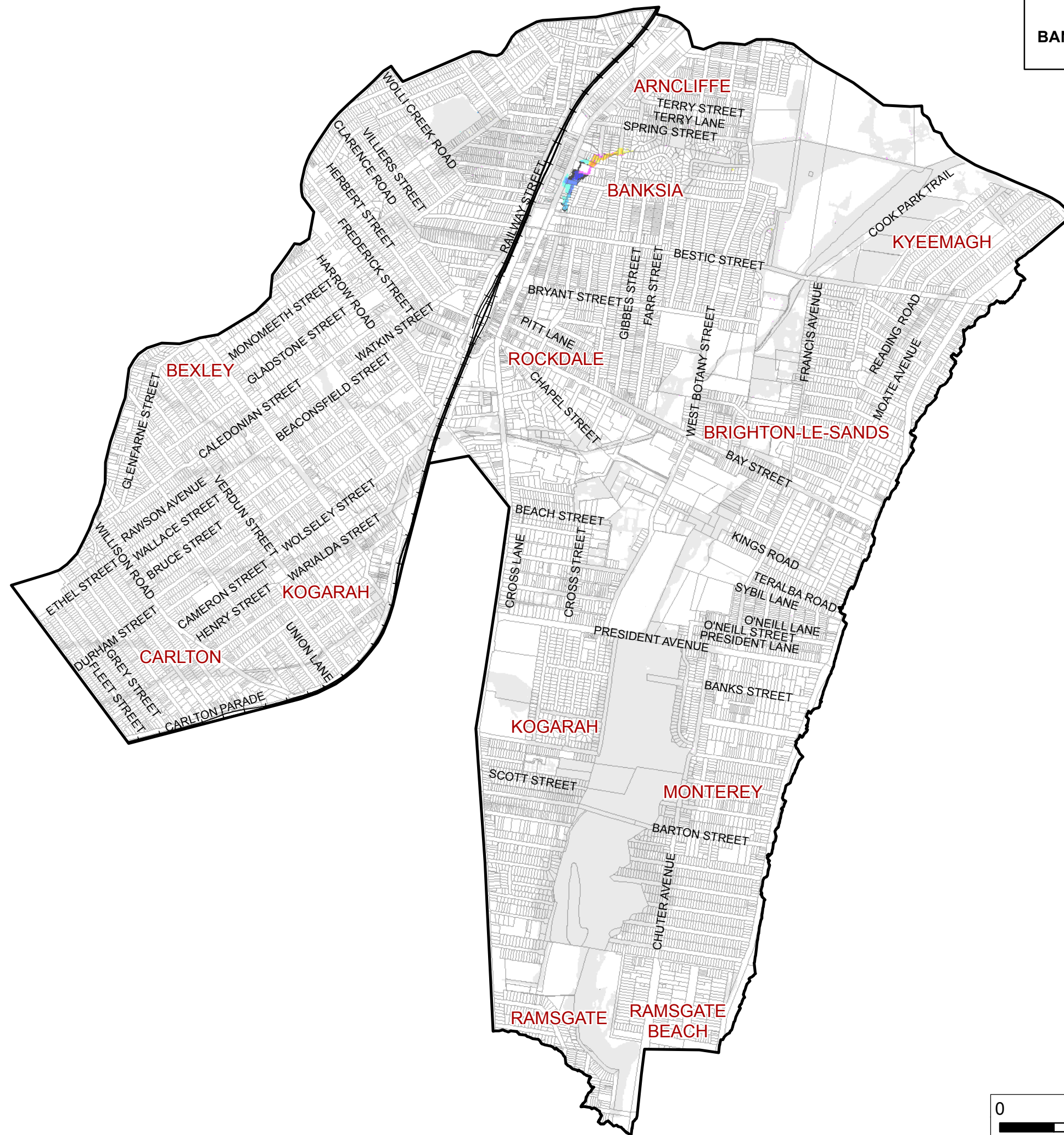
**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





**BAYSIDE WEST FRMS&P: MUDDY CREEK  
BANKSIA AVENUE DEVELOPMENT FLOWPATH IMPACT  
1% AEP EVENT**





## APPENDIX F. SANS SOUCI DESIGN FLOOD MAPPING

- Figure F1: Sans Souci Peak Flood Depth and Level – 20% AEP Event
- Figure F2: Sans Souci Peak Flood Depth and Level – 10% AEP Event
- Figure F3: Sans Souci Peak Flood Depth and Level – 5% AEP Event
- Figure F4: Sans Souci Peak Flood Depth and Level – 2% AEP Event
- Figure F5: Sans Souci Peak Flood Depth and Level – 1% AEP Event
- Figure F6: Sans Souci Peak Flood Depth and Level – 0.5% AEP Event
- Figure F7: Sans Souci Peak Flood Depth and Level – 0.2% AEP Event
- Figure F8: Sans Souci Peak Flood Depth and Level – PMF Event
- Figure F9: Sans Souci Peak Velocity – 20% AEP Event
- Figure F10: Sans Souci Peak Velocity – 10% AEP Event
- Figure F11: Sans Souci Peak Velocity – 5% AEP Event
- Figure F12: Sans Souci Peak Velocity – 2% AEP Event
- Figure F13: Sans Souci Peak Velocity – 1% AEP Event
- Figure F14: Sans Souci Peak Velocity – 0.5% AEP Event
- Figure F15: Sans Souci Peak Velocity – 0.2% AEP Event
- Figure F16: Sans Souci Peak Velocity – PMF Event
- Figure F17: Sans Souci Hydraulic Hazard – 20% AEP Event
- Figure F18: Sans Souci Hydraulic Hazard – 10% AEP Event
- Figure F19: Sans Souci Hydraulic Hazard – 5% AEP Event
- Figure F20: Sans Souci Hydraulic Hazard – 2% AEP Event
- Figure F21: Sans Souci Hydraulic Hazard – 1% AEP Event
- Figure F22: Sans Souci Hydraulic Hazard – 0.5% AEP Event
- Figure F23: Sans Souci Hydraulic Hazard – 0.2% AEP Event
- Figure F24: Sans Souci Hydraulic Hazard – PMF Event
- Figure F25: Sans Souci Hydraulic Categories – 20% AEP Event
- Figure F26: Sans Souci Hydraulic Categories – 10% AEP Event
- Figure F27: Sans Souci Hydraulic Categories – 5% AEP Event
- Figure F28: Sans Souci Hydraulic Categories – 2% AEP Event
- Figure F29: Sans Souci Hydraulic Categories – 1% AEP Event
- Figure F30: Sans Souci Hydraulic Categories – 0.5% AEP Event
- Figure F31: Sans Souci Hydraulic Categories – 0.2% AEP Event
- Figure F32: Sans Souci Hydraulic Categories – PMF Event
- Figure F33: Sans Souci Flood Emergency Response Classification – 1% AEP Event
- Figure F34: Sans Souci Flood Emergency Response Classification – PMF Event
- Figure F35: Sans Souci Mean High Water Springs Tidal Inundation Extent
- Figure F36: Sans Souci High High Water Solstice Springs Tidal Inundation Extent
- Figure F37: Sans Souci Pipe Capacity Assessment
- Figure F38: Sans Souci Comparison with Previous Flood Study Results – 1% AEP Event
- Figure F39: Sans Souci Climate Change Impact – 2050 Projection
- Figure F40: Sans Souci Climate Change Impact – 2090 Projection
- Figure F41: Sans Souci No Blockage Impact – 1% AEP Event

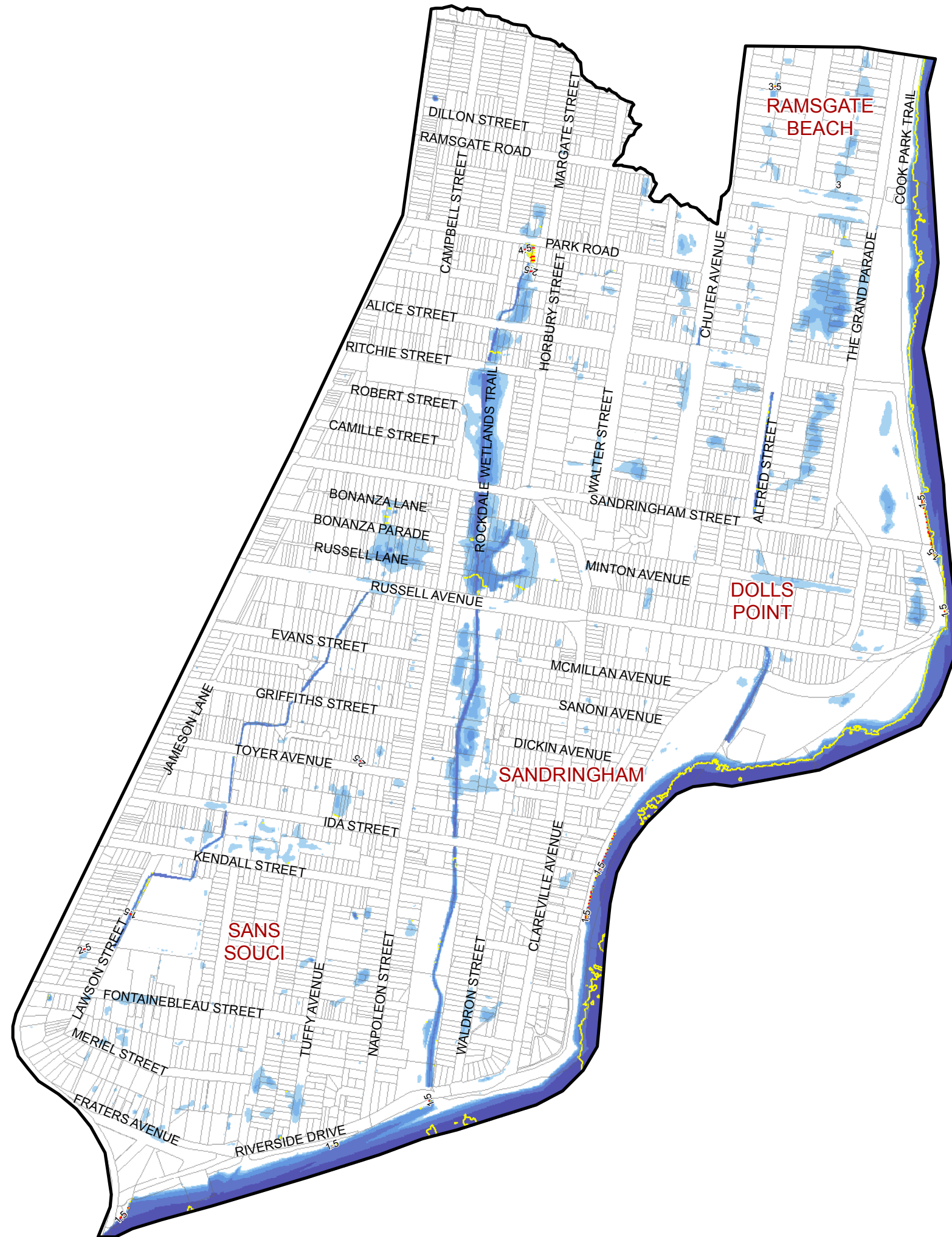




## Appendix F



FIGURE F1  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**20% AEP EVENT**



Study Area  
 Cadastre  
 Major Contour (0.5m interval)  
 Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

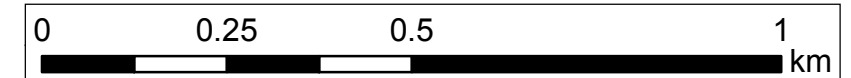
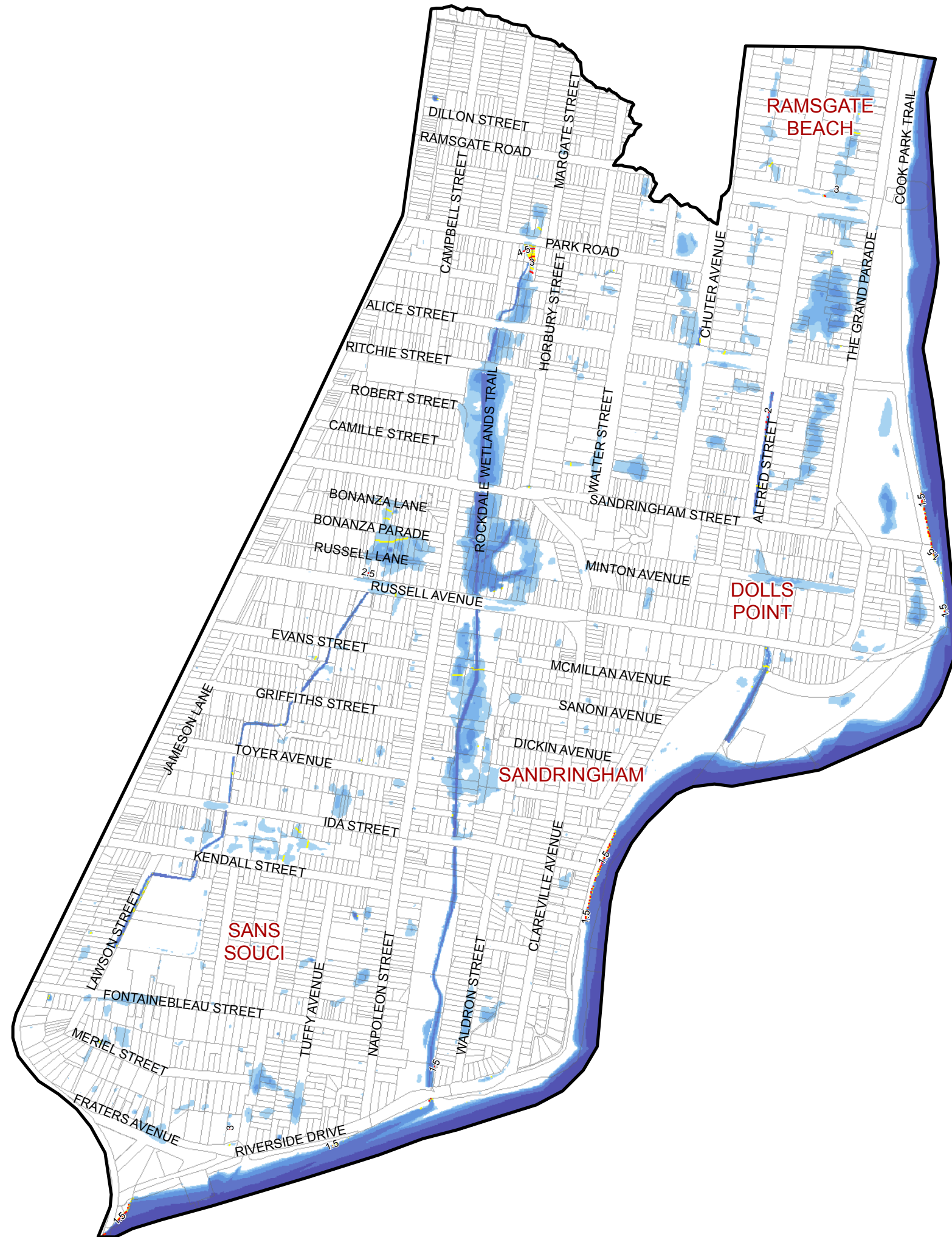




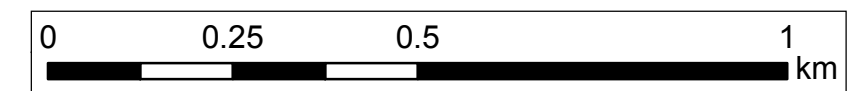
FIGURE F2  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**10% AEP EVENT**



Study Area  
 Cadastre  
 Major Contour (0.5m interval)  
 Minor Contour (0.1m interval)

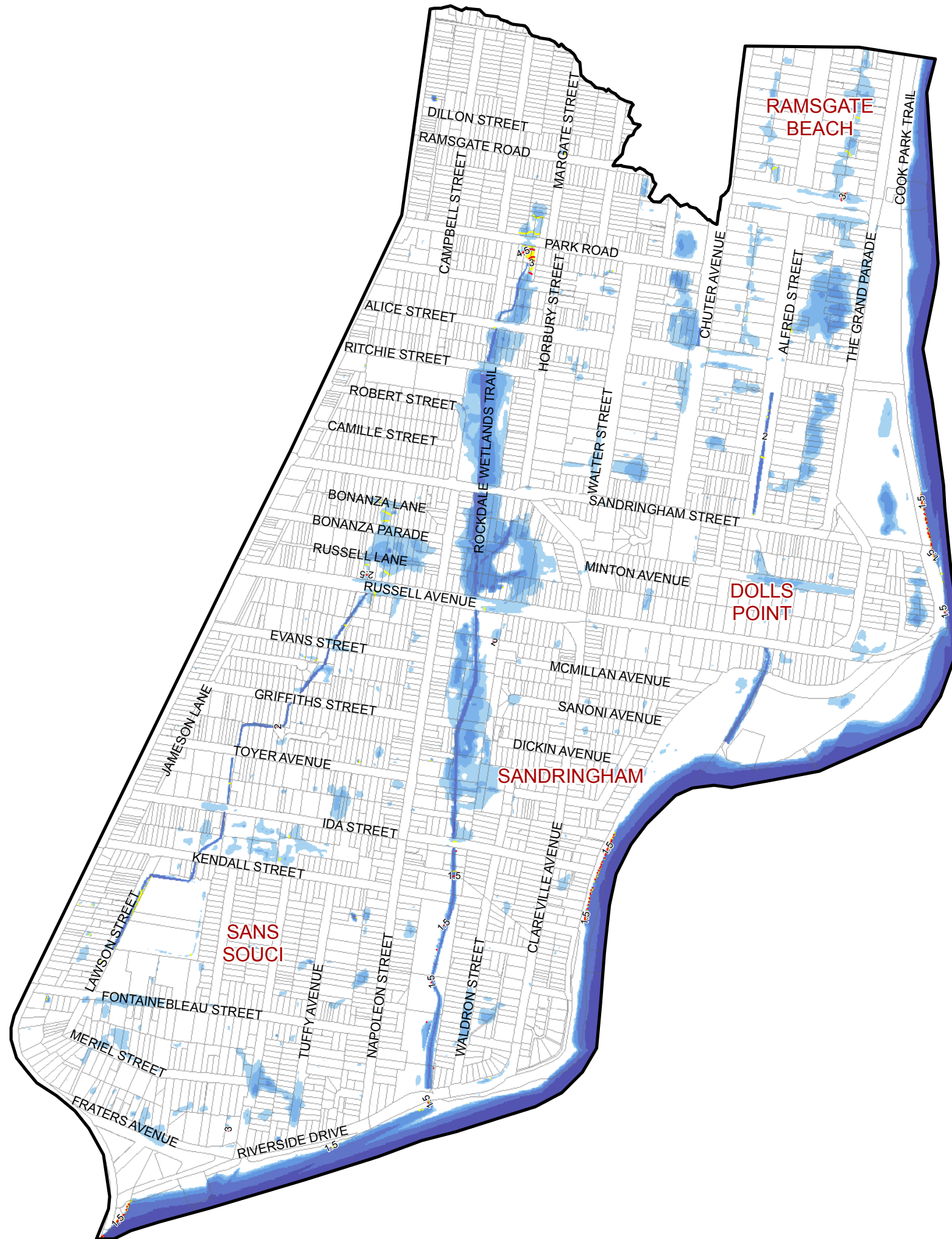
**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2





**BAYSIDE WEST FRMS&P: SANS SOUCI  
PEAK FLOOD DEPTH AND LEVEL  
5% AEP EVENT**



Study Area  
Cadastré  
Major Contour (0.5m interval)  
Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

- 0.15 - 0.3
- 0.3 - 0.5
- 0.5 - 1
- 1 - 2
- > 2

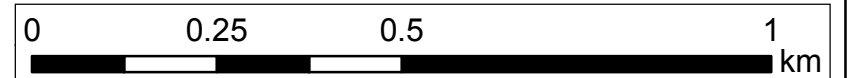
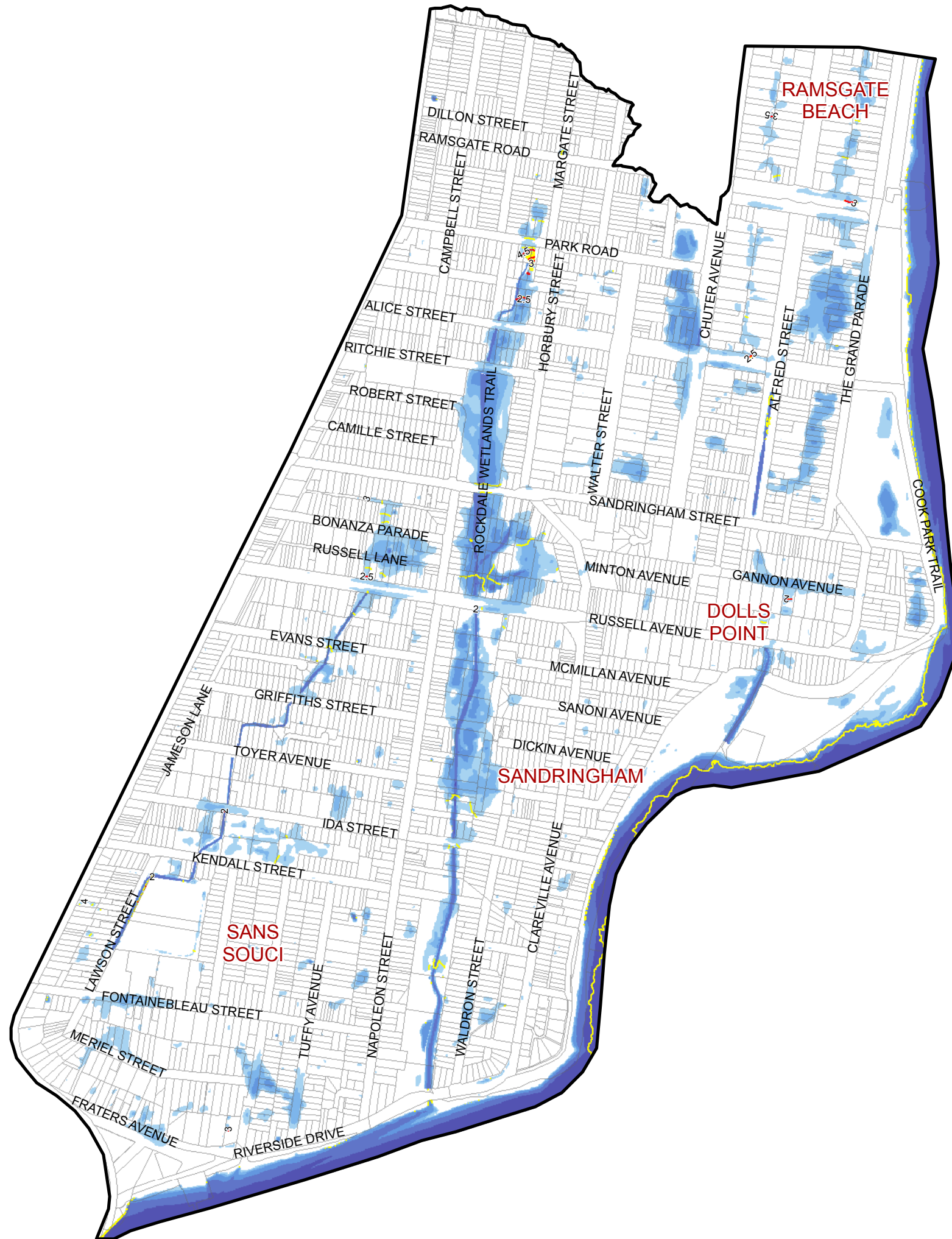




FIGURE F4  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**2% AEP EVENT**



Study Area  
 Cadastre  
— Major Contour (0.5m interval)  
— Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

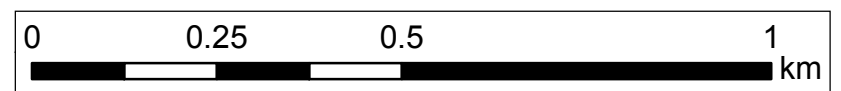
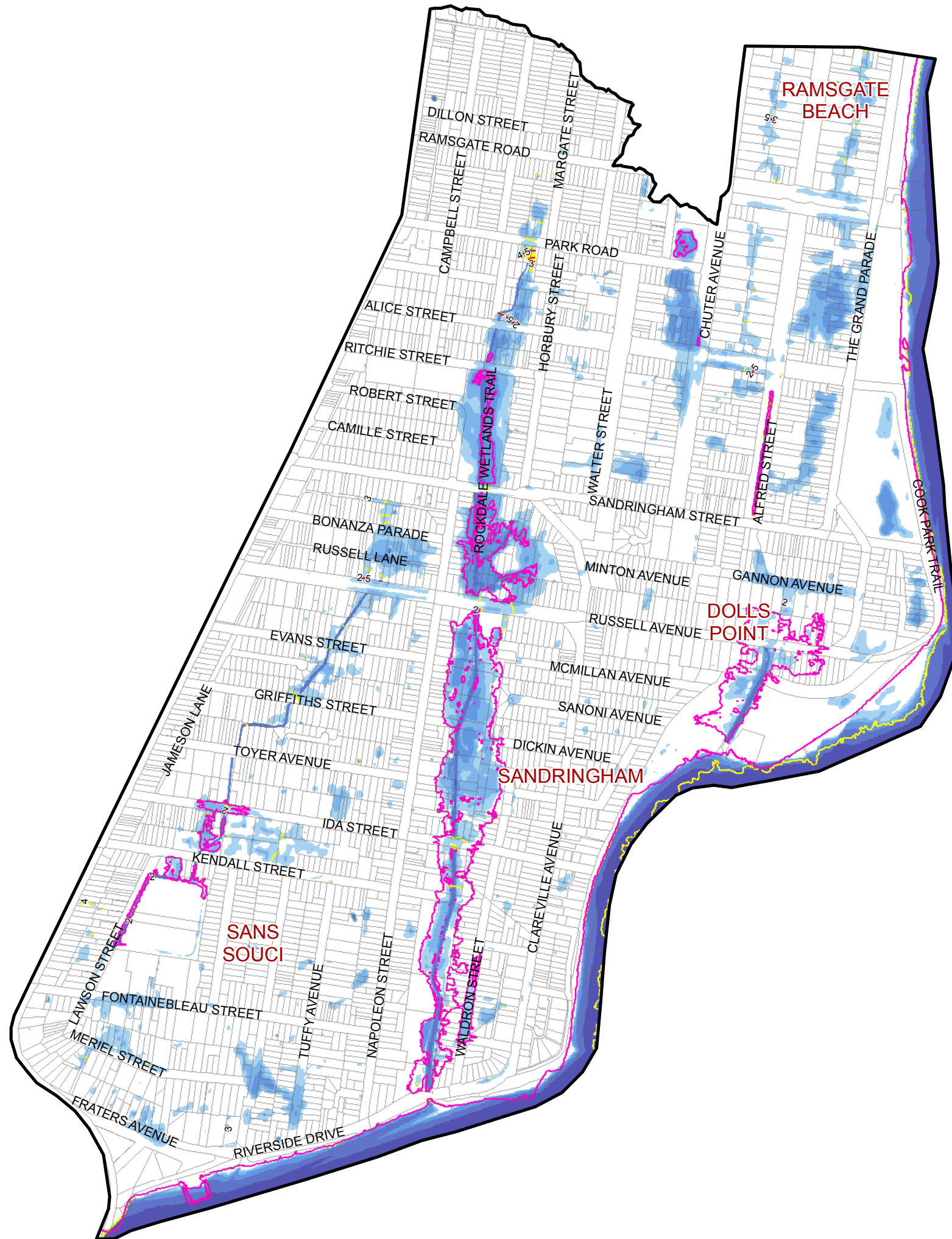




FIGURE F5  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**1% AEP EVENT**



Study Area  
 Cadastre  
 1% AEP Tailwater Extent  
 Major Contour (0.5m interval)  
 Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

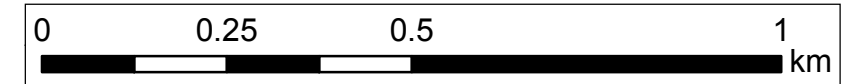
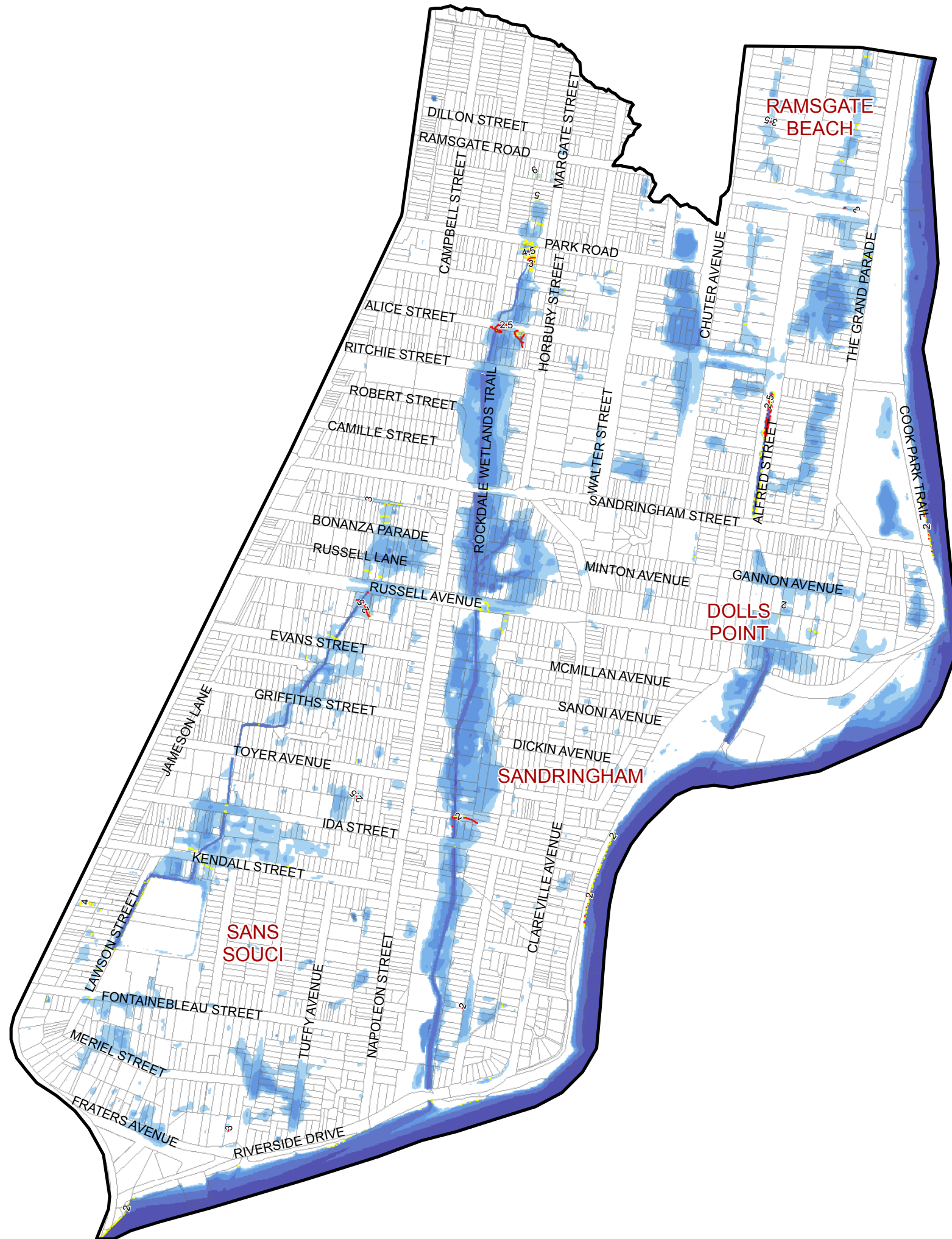




FIGURE F6  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**0.5% AEP EVENT**



Study Area  
 Cadastre  
 Major Contour (0.5m interval)  
 Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

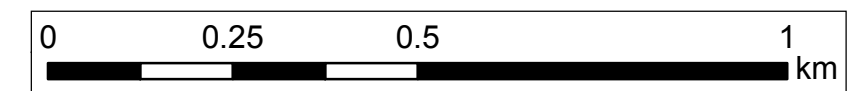
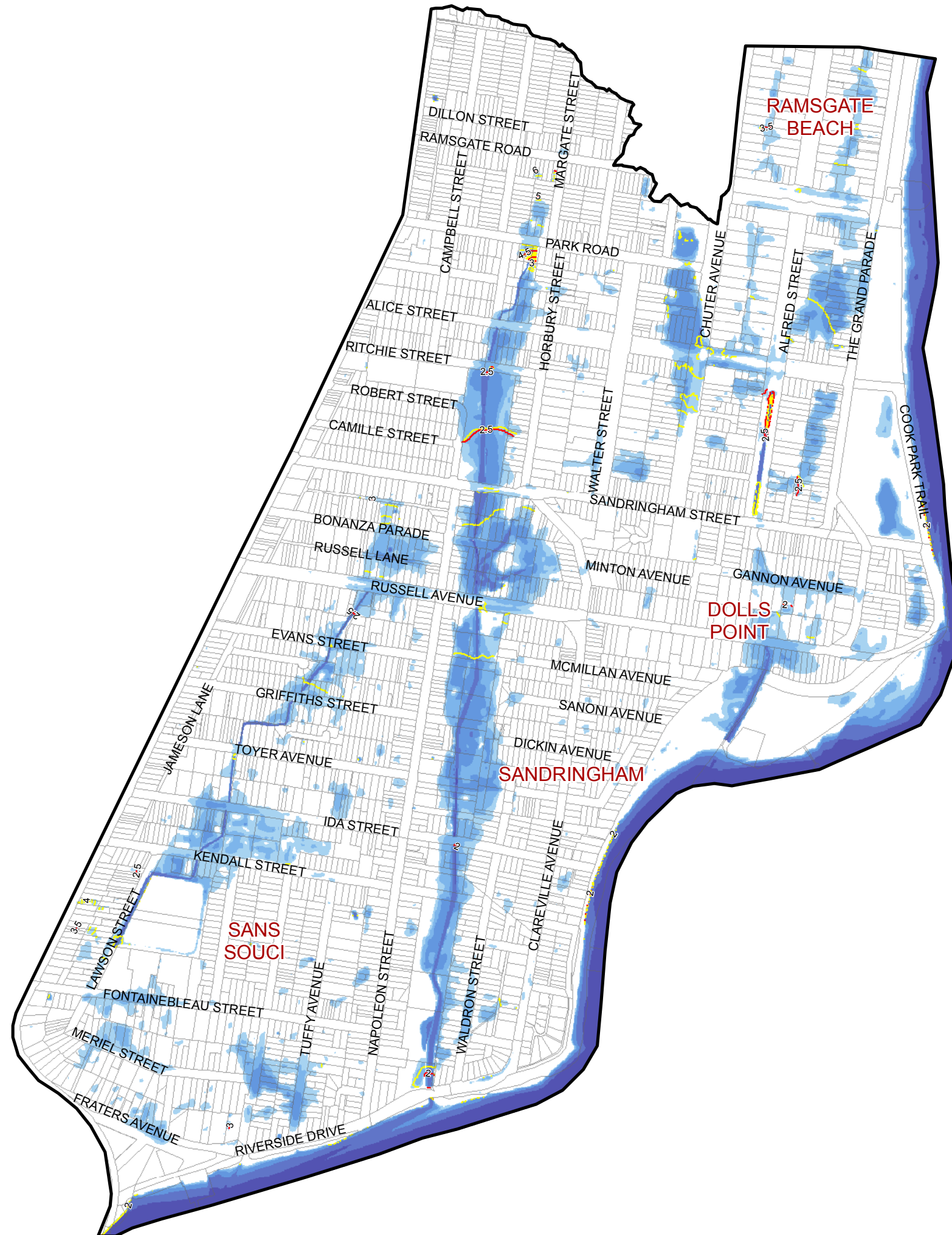




FIGURE F7  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK FLOOD DEPTH AND LEVEL**  
**0.2% AEP EVENT**



Study Area  
 Cadastre  
— Major Contour (0.5m interval)  
— Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

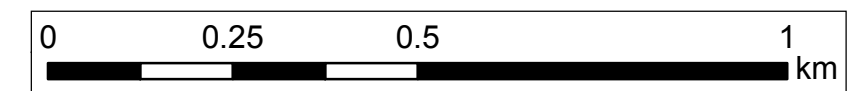
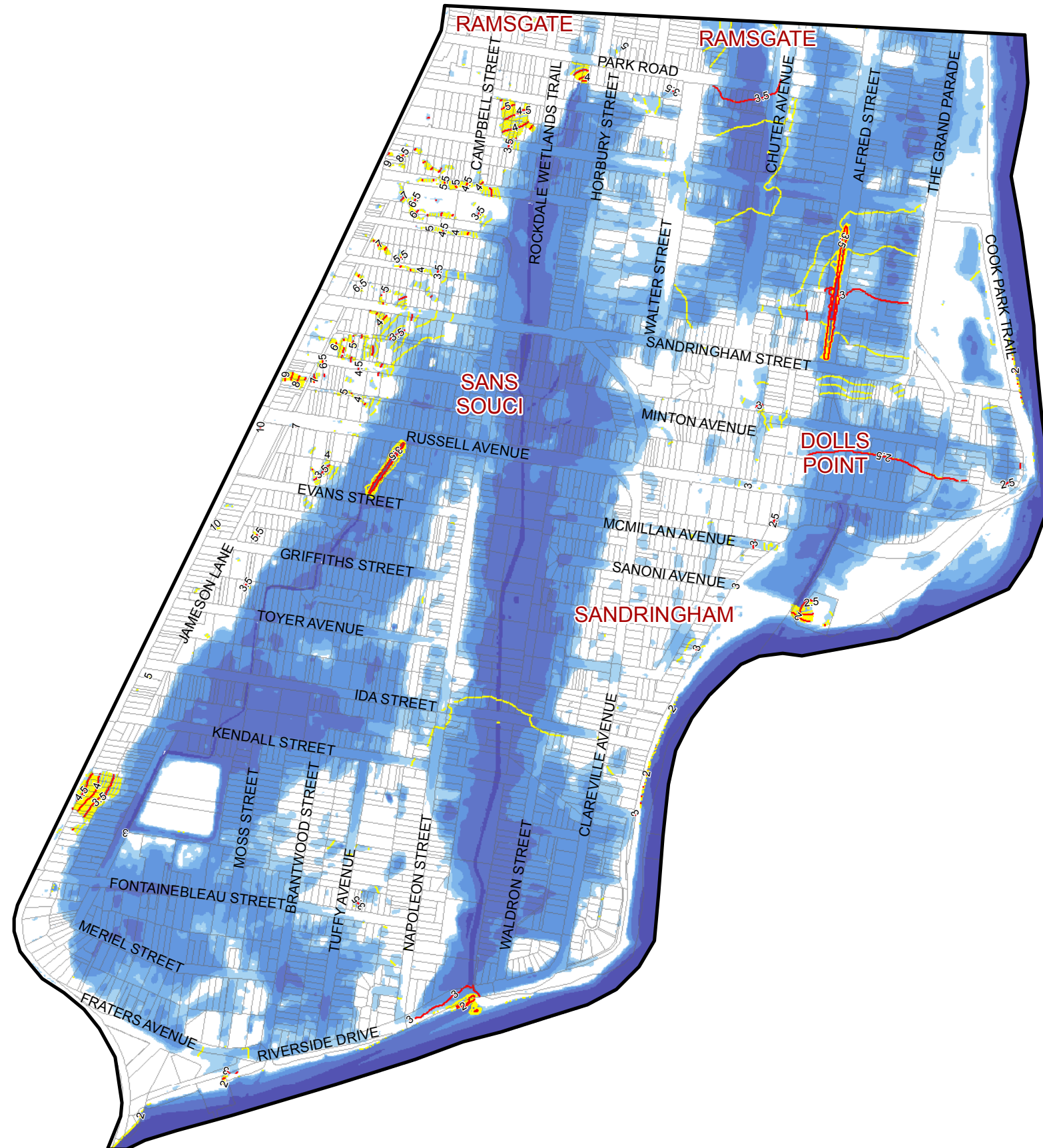




FIGURE F8  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK FLOOD DEPTH AND LEVEL  
 PMF EVENT**



Study Area  
 Cadastre  
 Major Contour (0.5m interval)  
 Minor Contour (0.1m interval)

**Peak Flood Depth (m)**

	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1
	1 - 2
	> 2

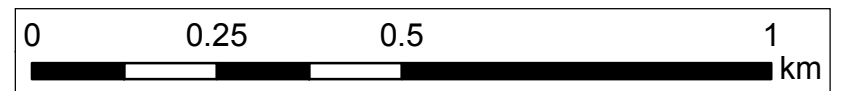




FIGURE F9  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 20% AEP EVENT

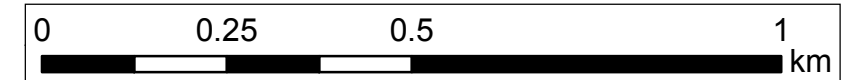
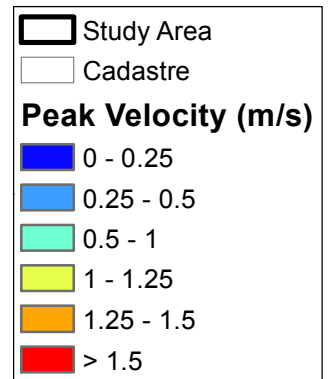
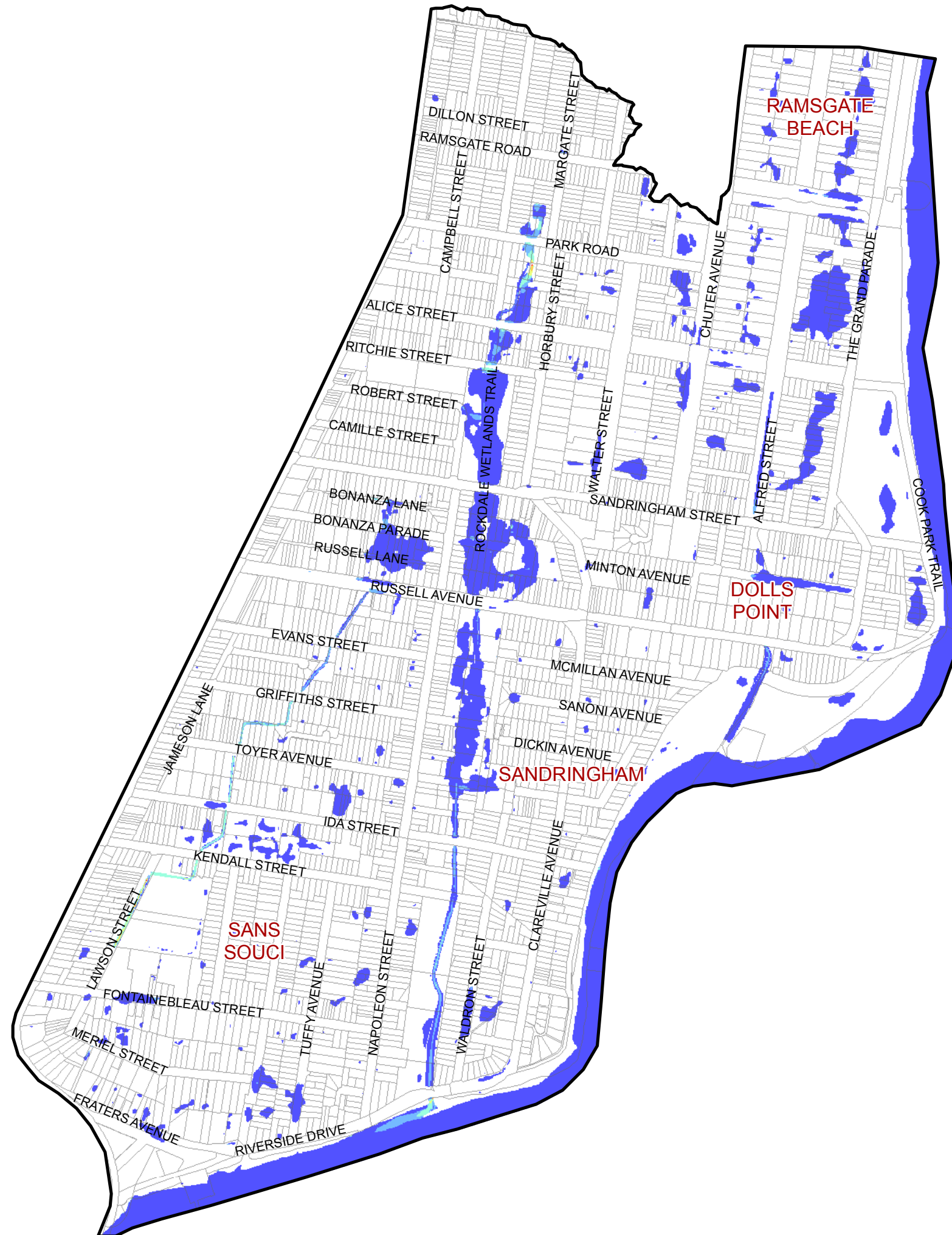




FIGURE F10  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 10% AEP EVENT

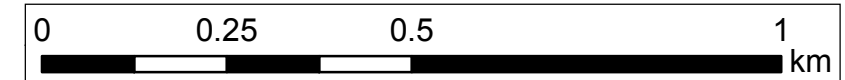
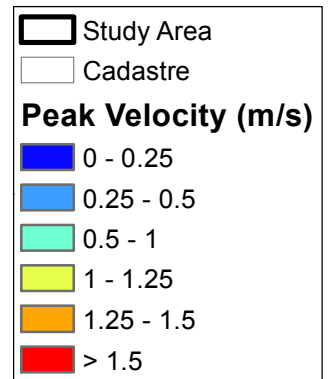
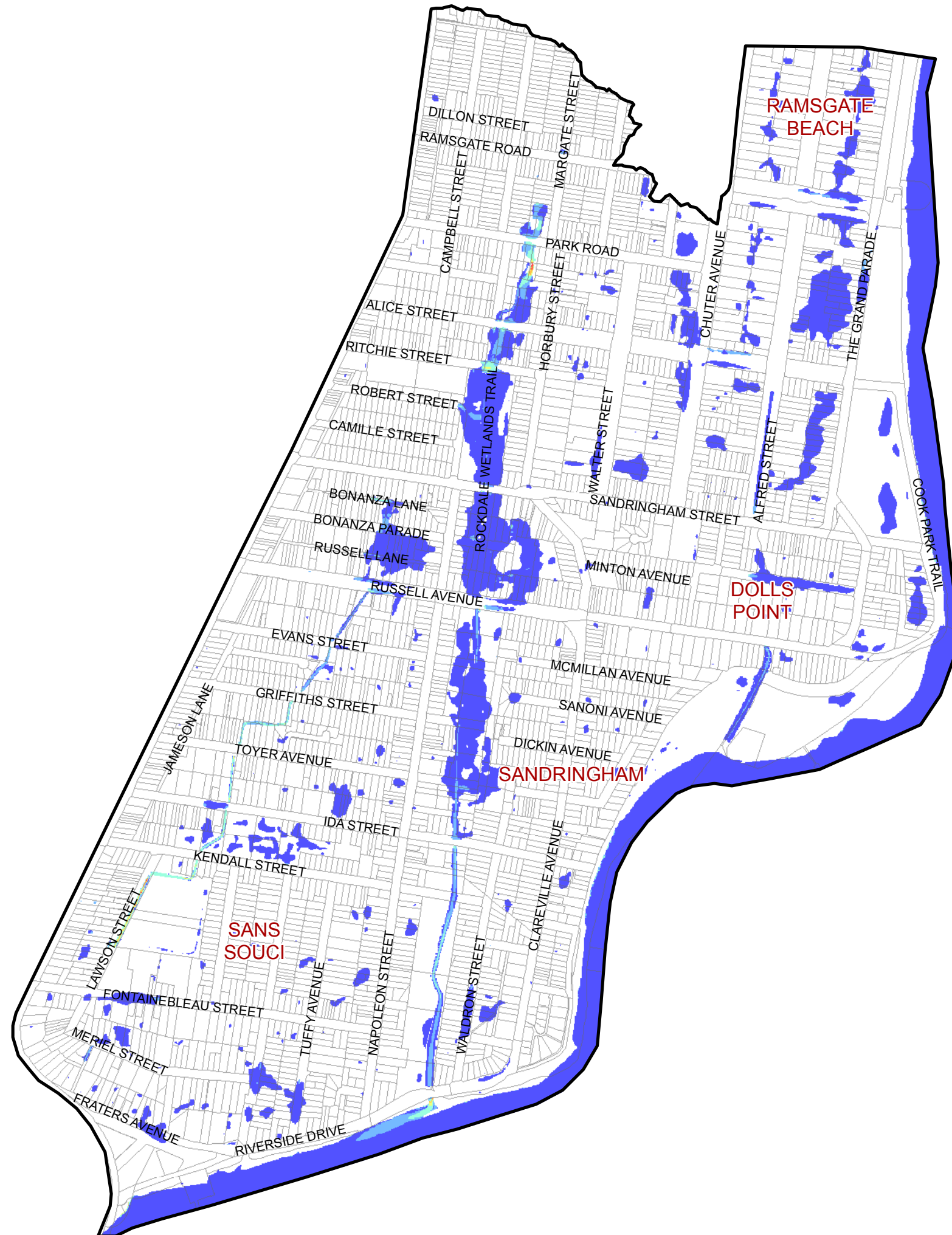




FIGURE F11  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**PEAK VELOCITY**  
**5% AEP EVENT**

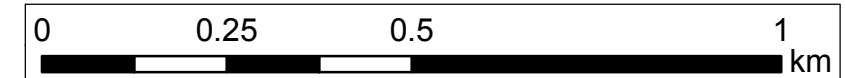
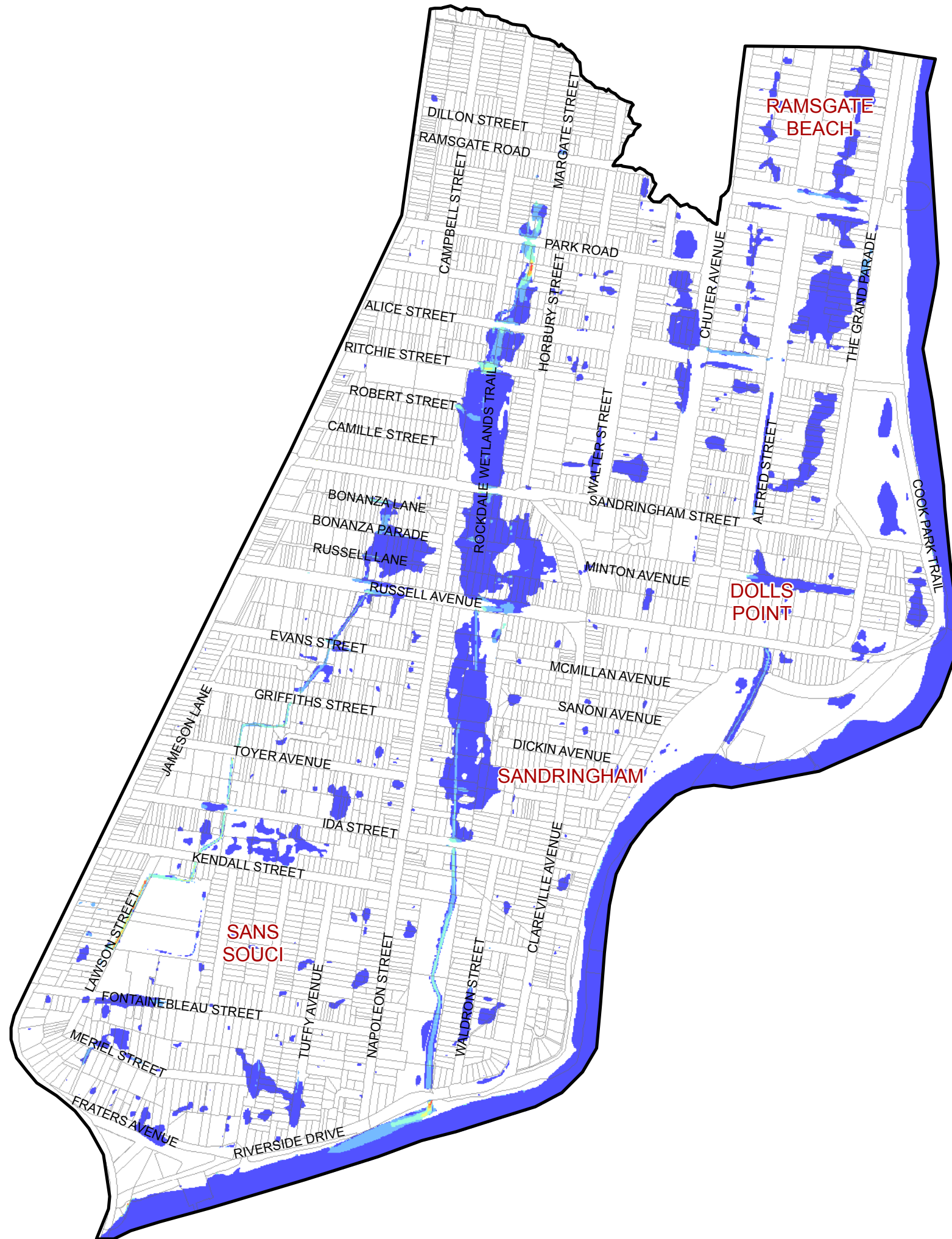




FIGURE F12  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 2% AEP EVENT

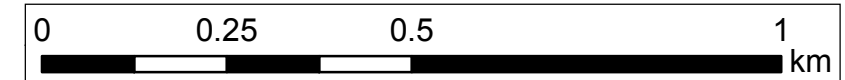
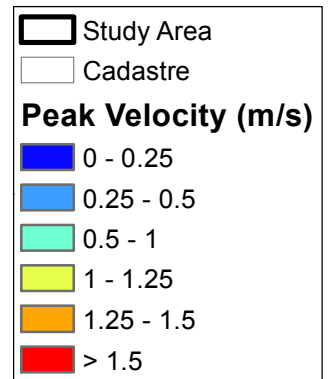
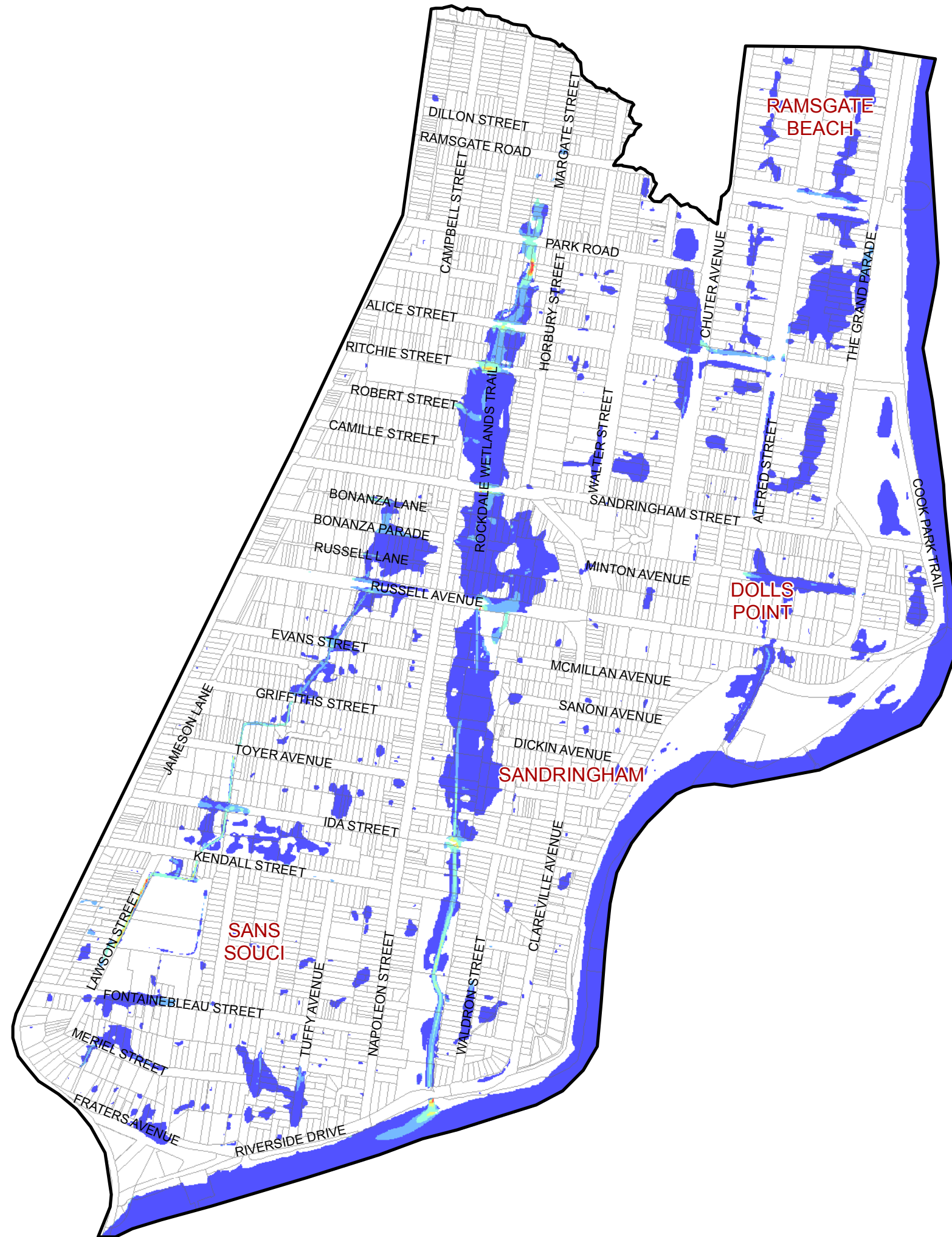




FIGURE F13  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 1% AEP EVENT

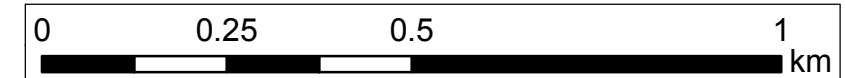
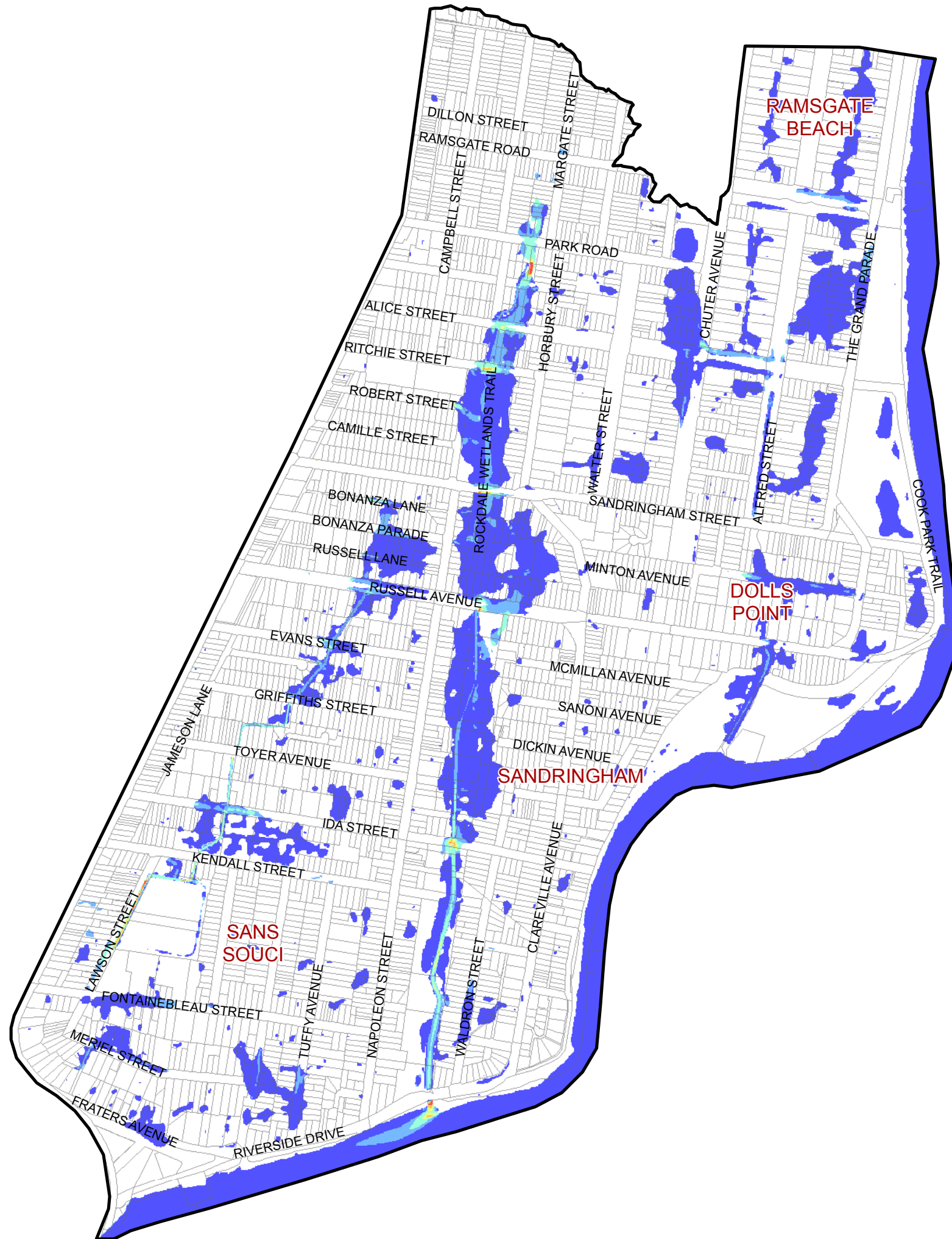




FIGURE F14  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 0.5% AEP EVENT

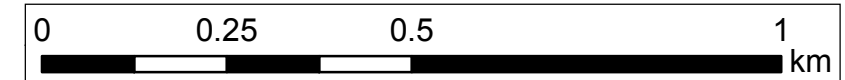
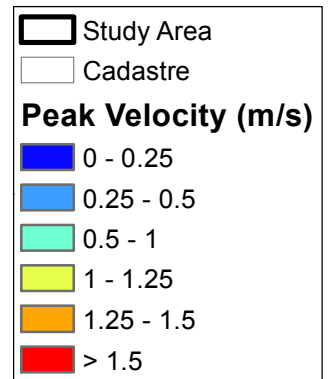
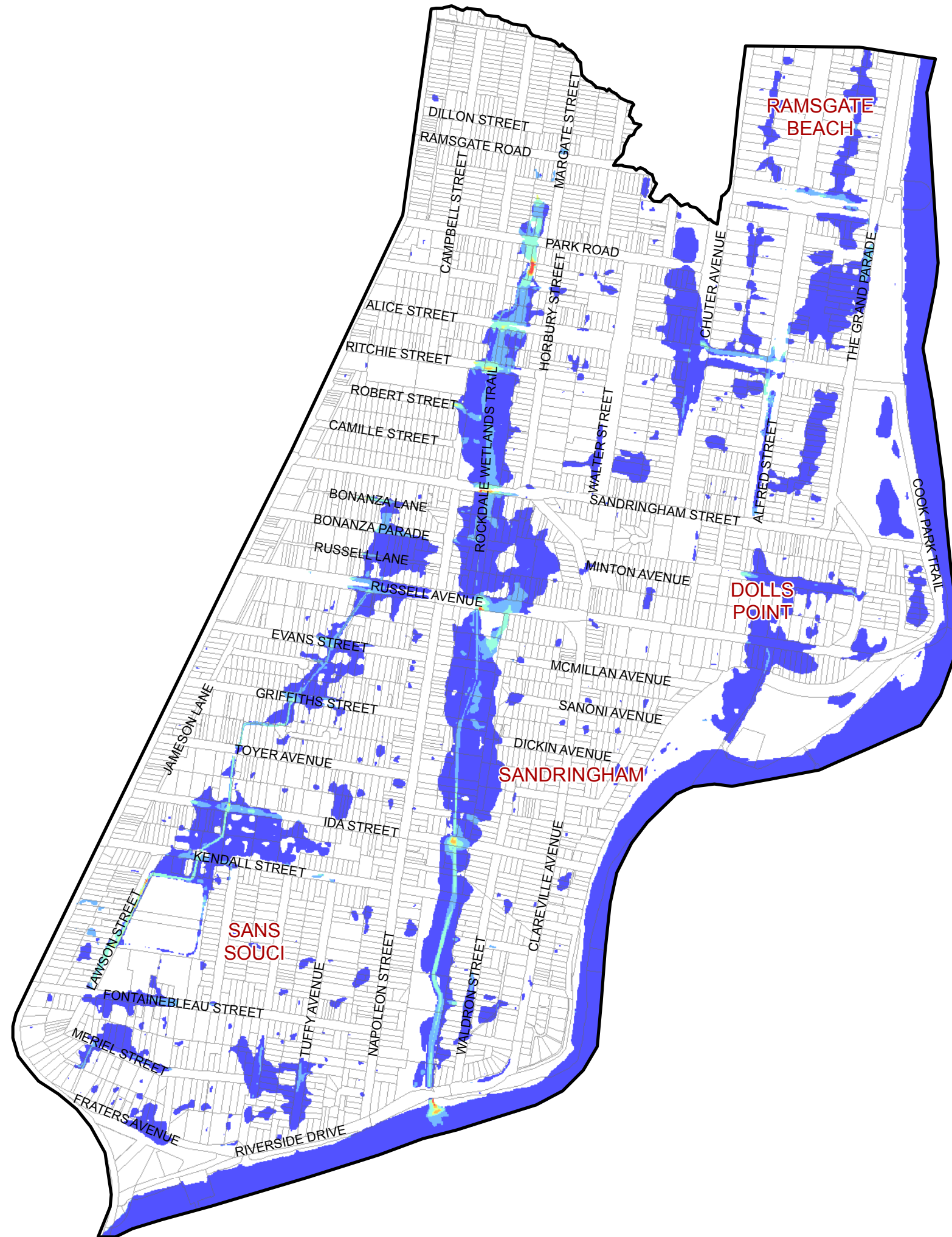
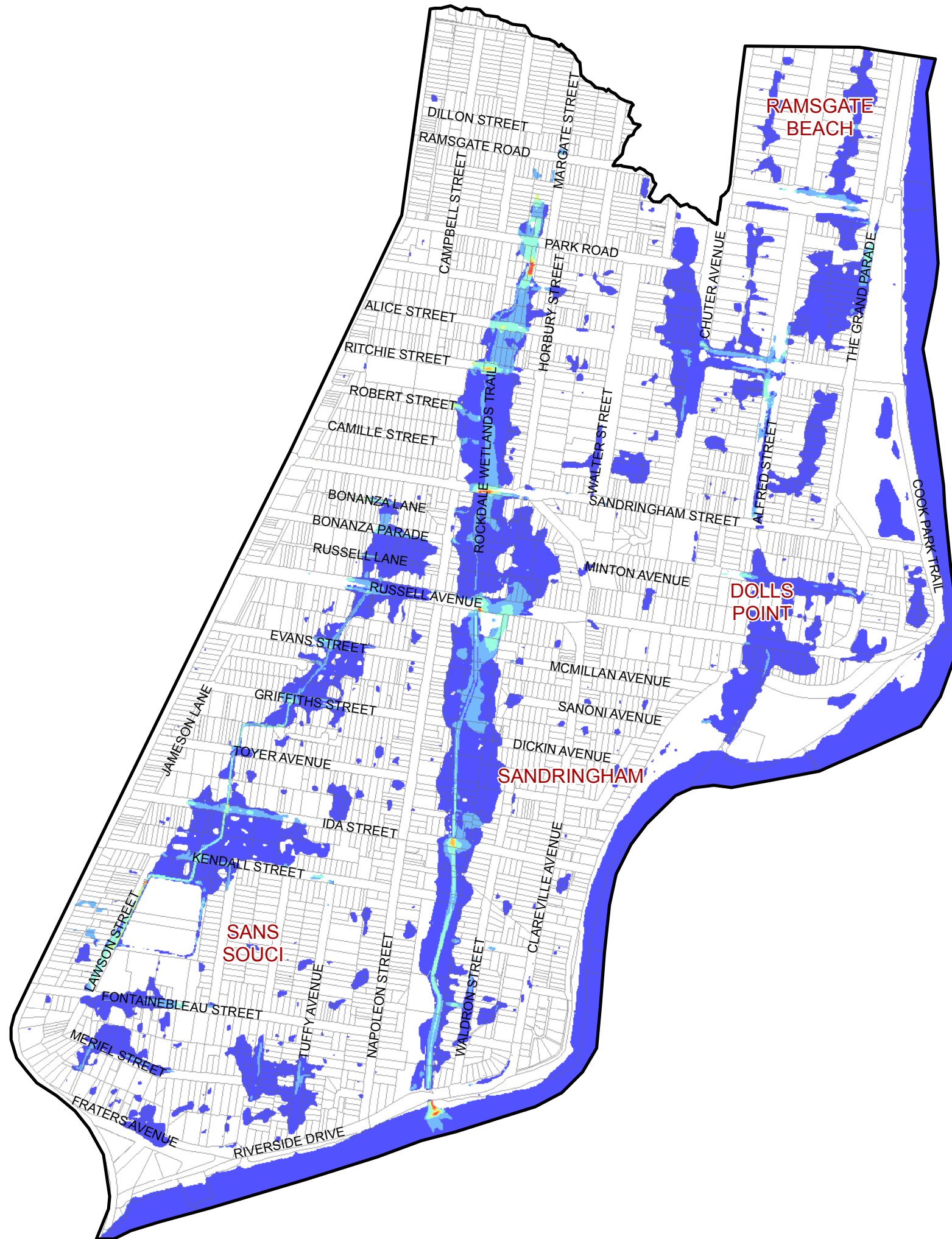




FIGURE F15  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 0.2% AEP EVENT



	Study Area
	Cadastre
<b>Peak Velocity (m/s)</b>	
	0 - 0.25
	0.25 - 0.5
	0.5 - 1
	1 - 1.25
	1.25 - 1.5
	> 1.5

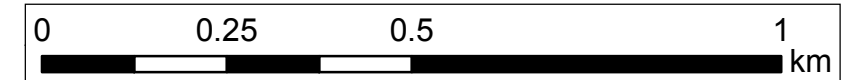
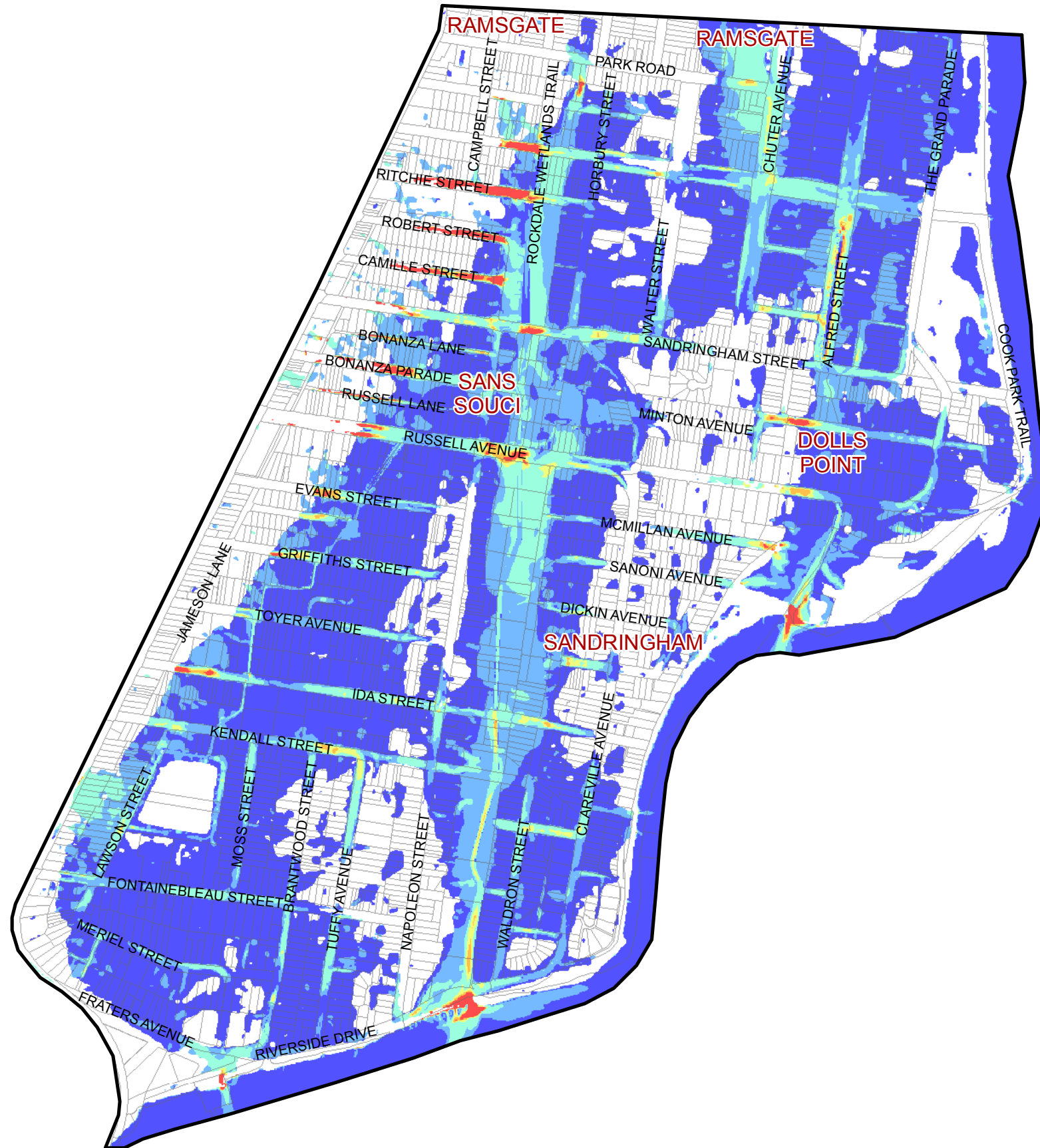




FIGURE F16  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 PEAK VELOCITY  
 PMF EVENT



[Study Area Boundary] Study Area  
 [Cadastral Lines] Cadastre  
**Peak Velocity (m/s)**  
 [Blue] 0 - 0.25  
 [Light Blue] 0.25 - 0.5  
 [Cyan] 0.5 - 1  
 [Yellow] 1 - 1.25  
 [Orange] 1.25 - 1.5  
 [Red] > 1.5

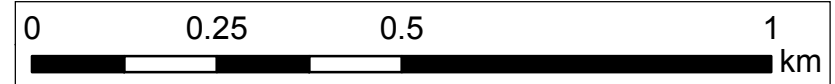
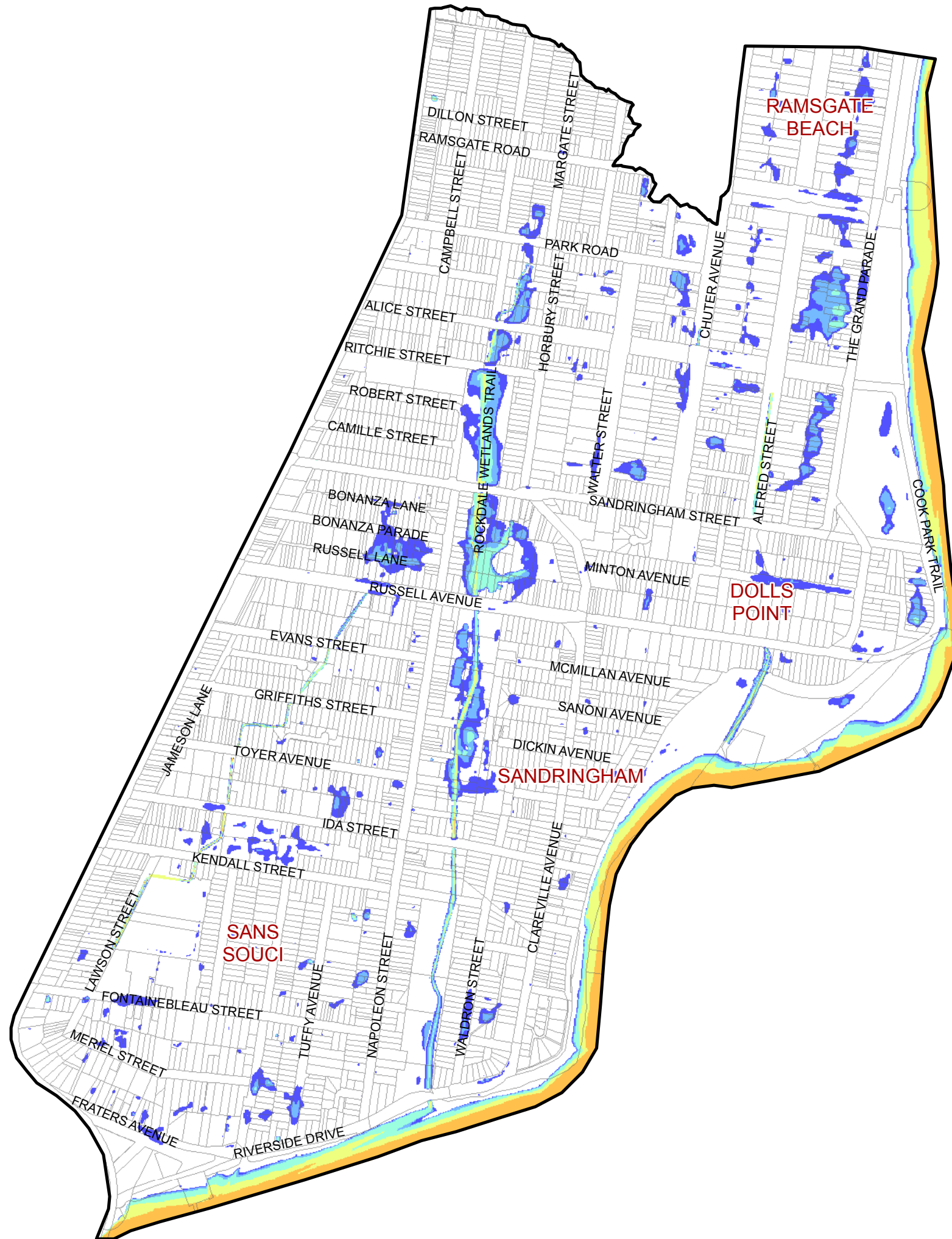




FIGURE F17  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC HAZARD  
 20% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

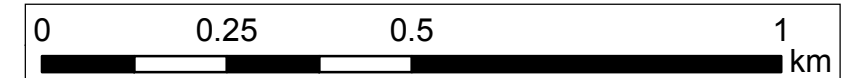
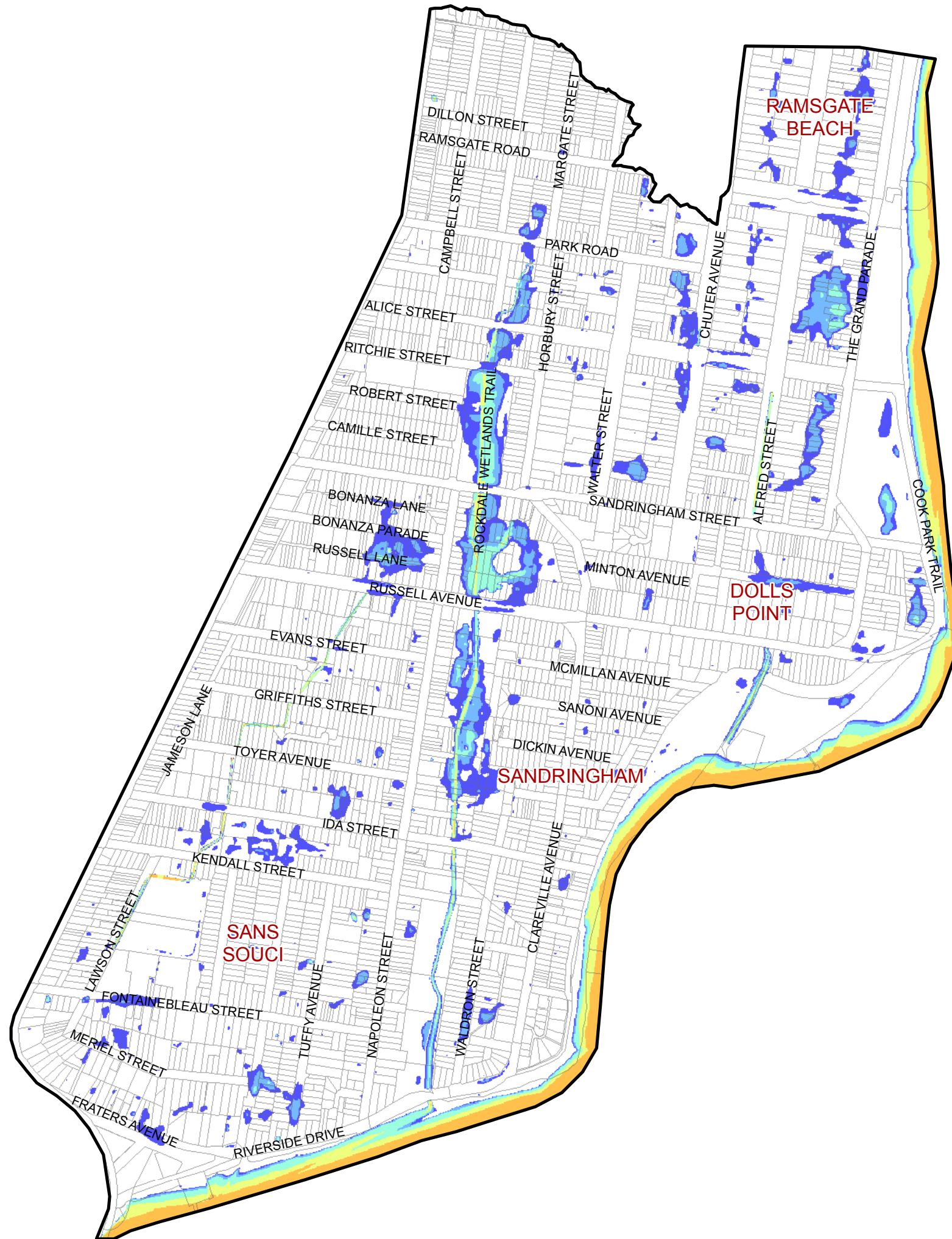




FIGURE F18  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC HAZARD  
 10% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

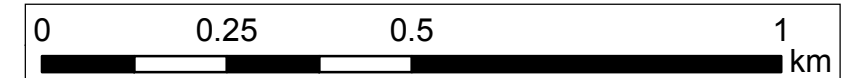
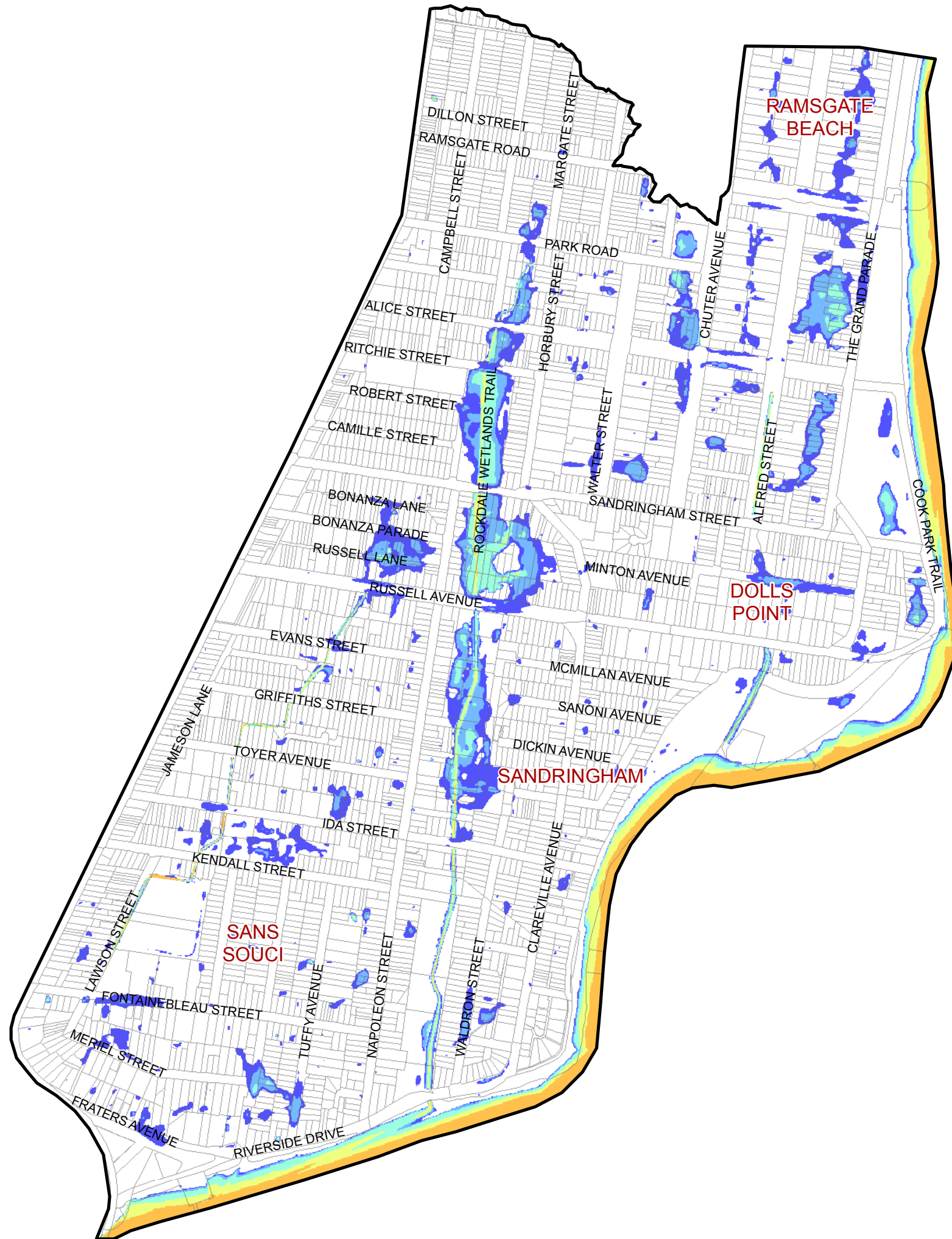




FIGURE F19  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC HAZARD  
 5% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

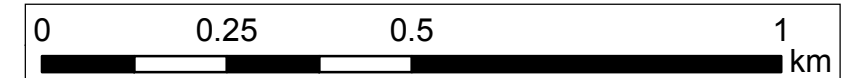
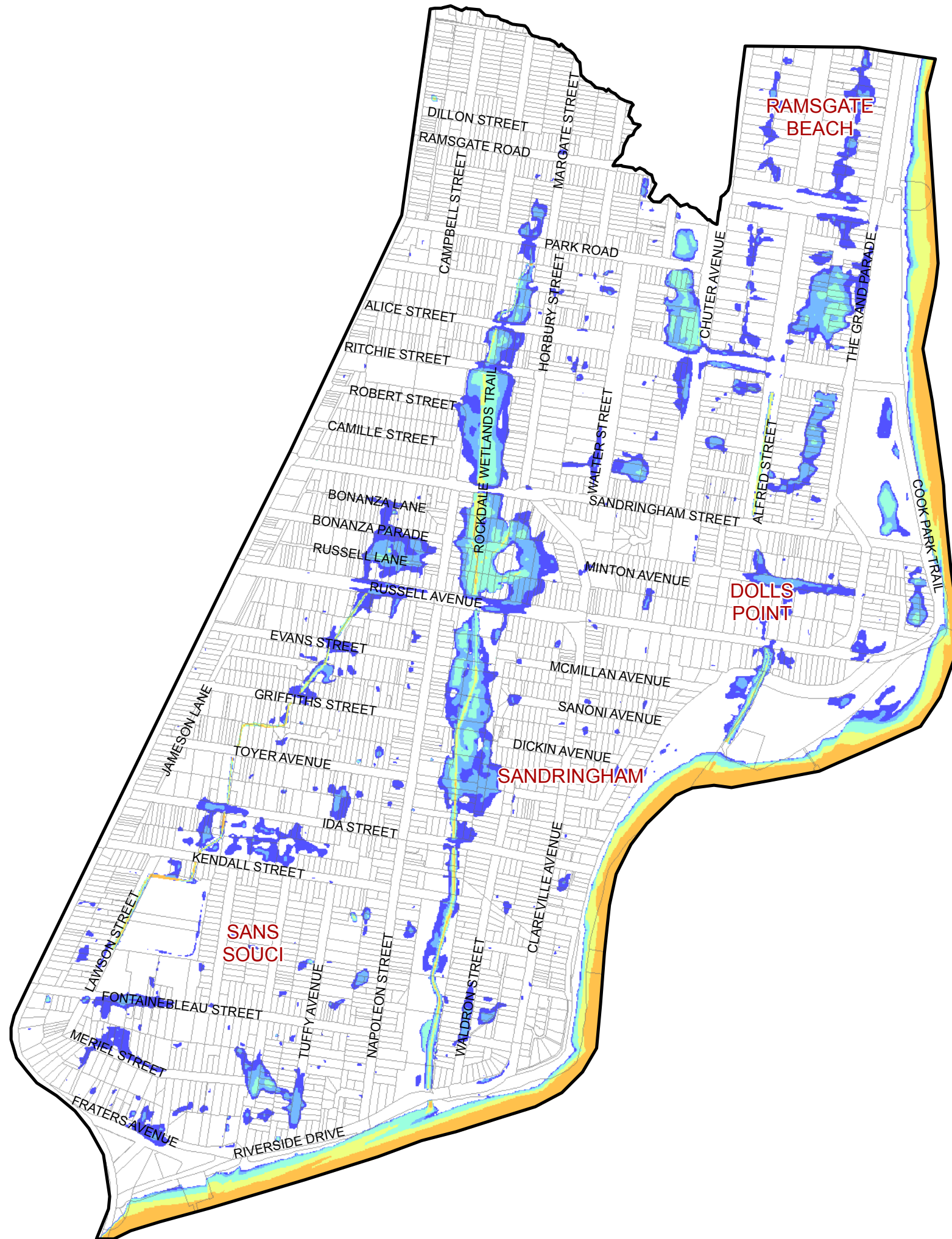




FIGURE F20  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC HAZARD**  
**2% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

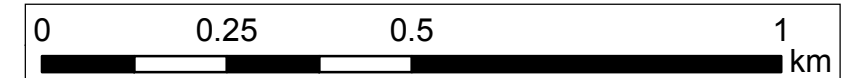
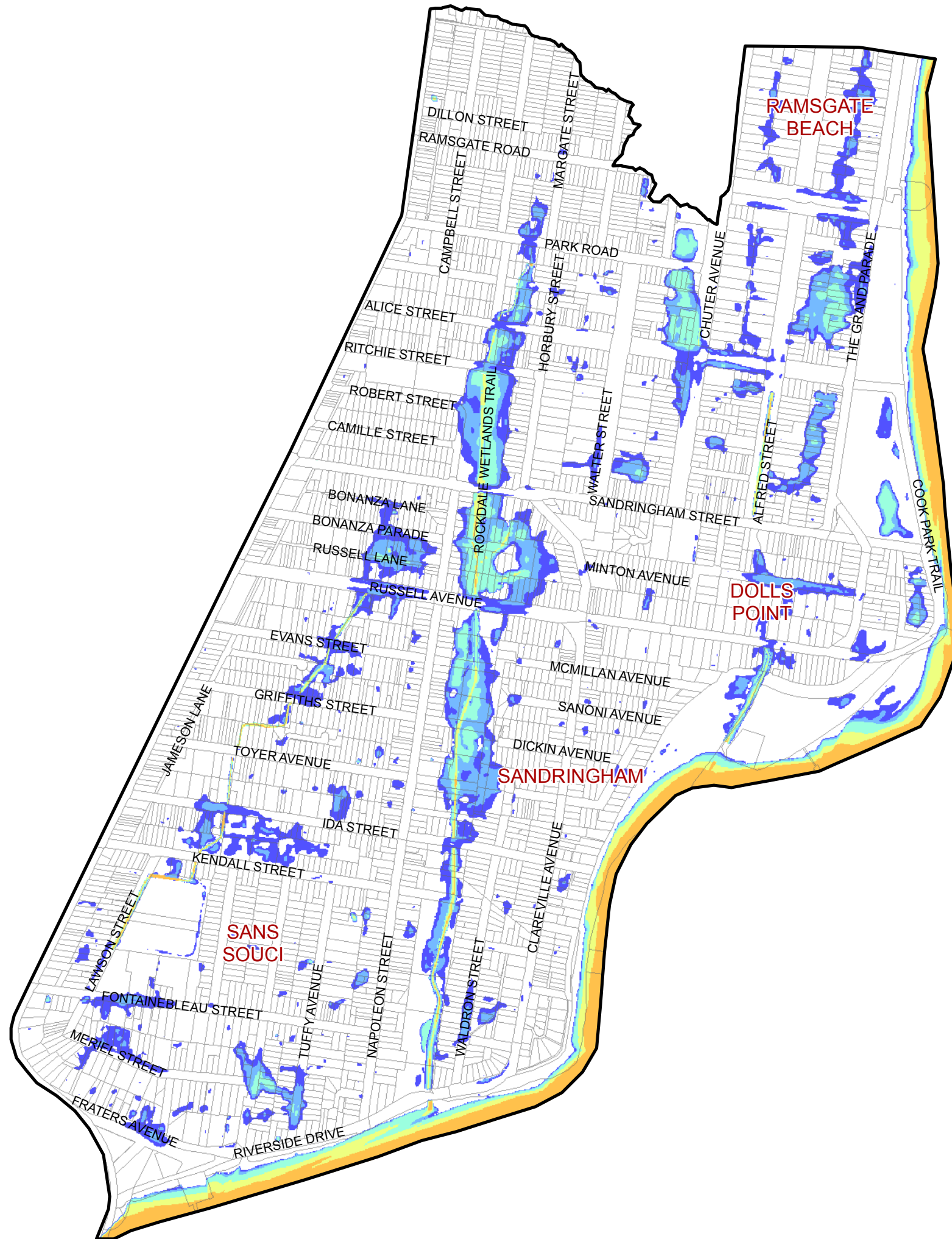




FIGURE F21  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC HAZARD**  
**1% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

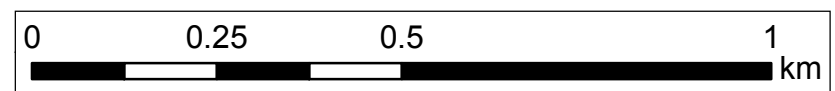
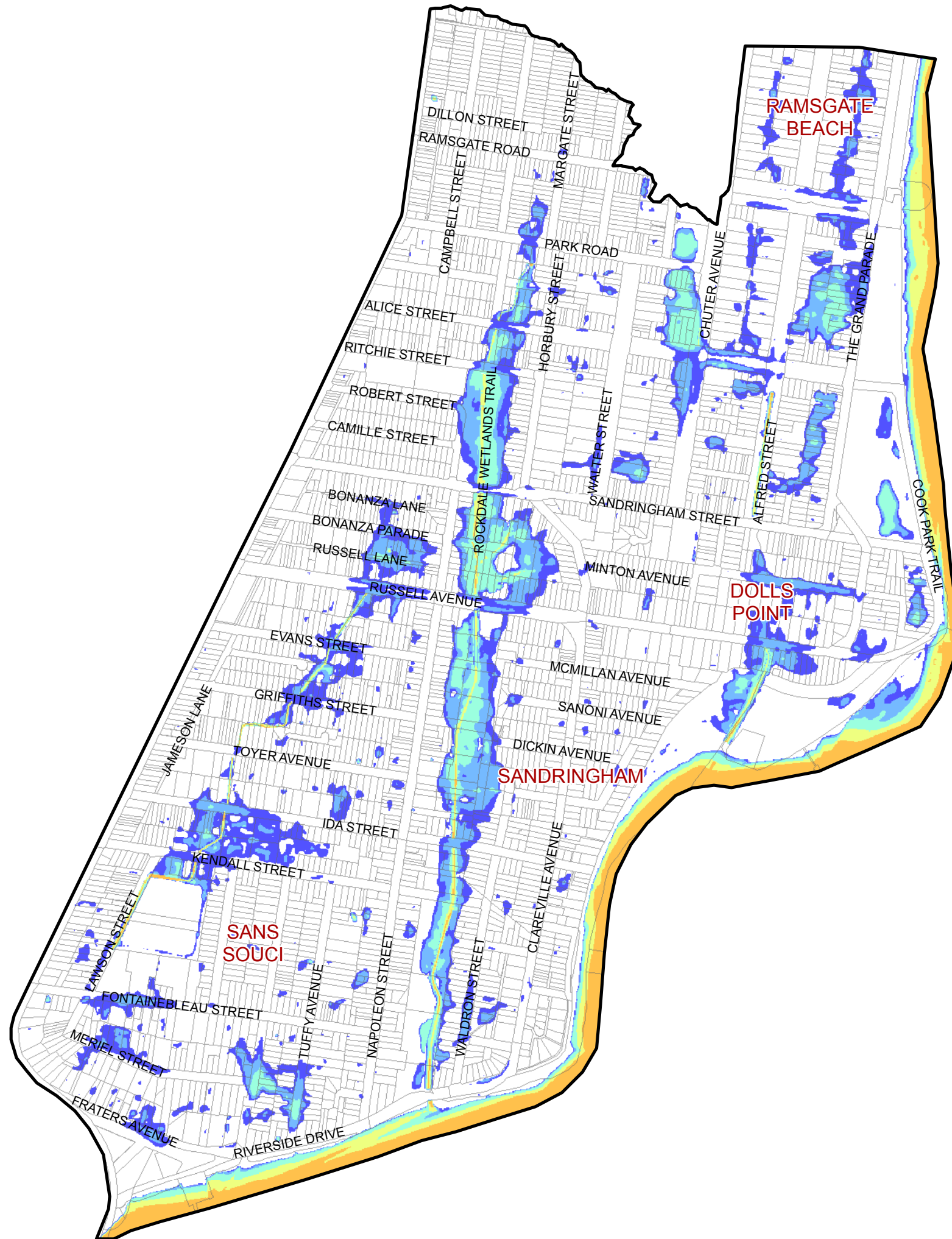


FIGURE F22  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC HAZARD  
 0.5% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

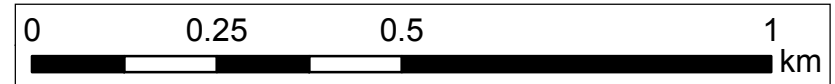
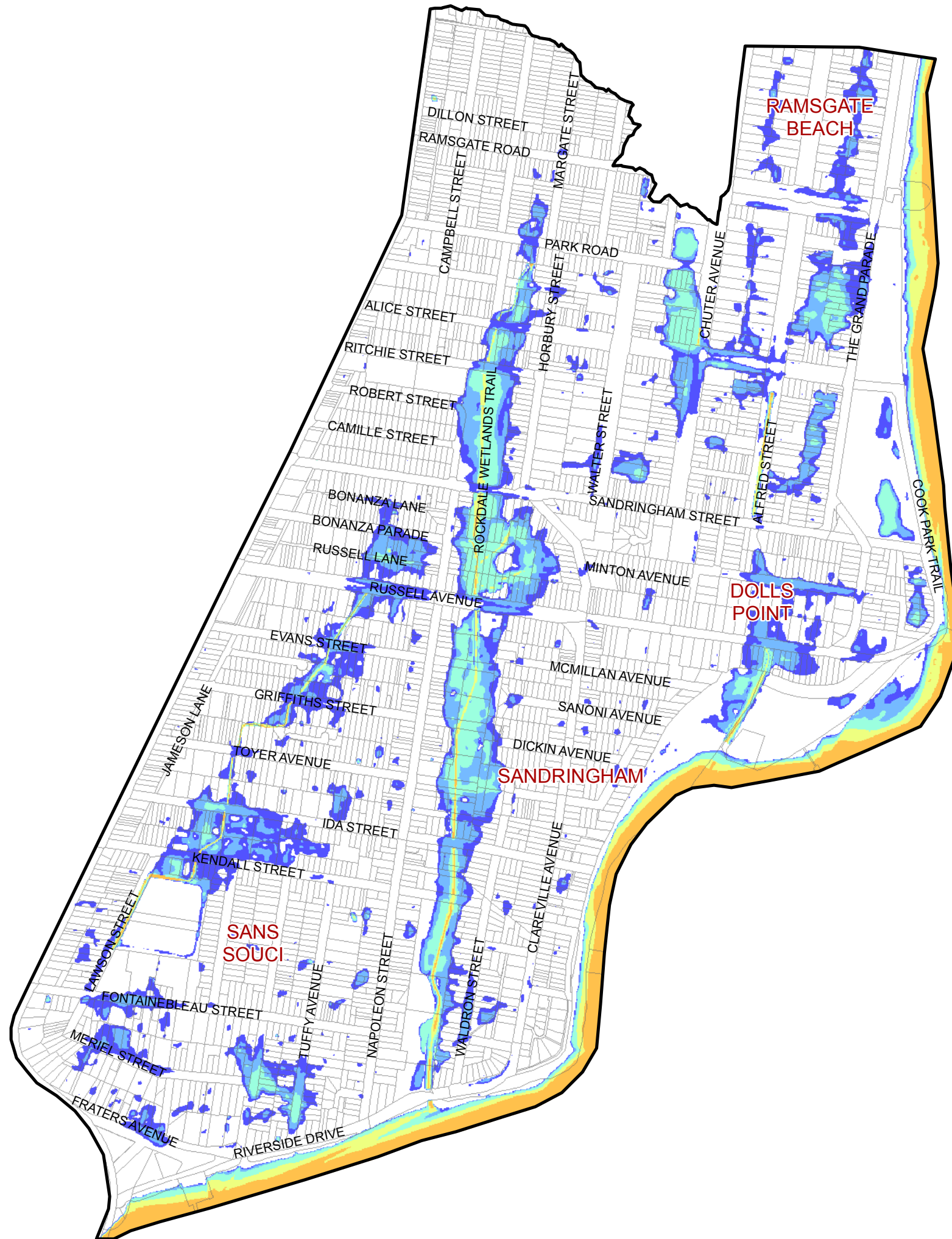




FIGURE F23  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC HAZARD**  
**0.2% AEP EVENT**



Study Area  
 Cadastre

**Hydraulic Hazard**

- H1 - Generally safe for people, vehicles and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for people and vehicles.
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

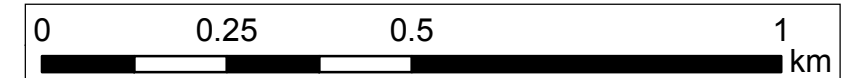
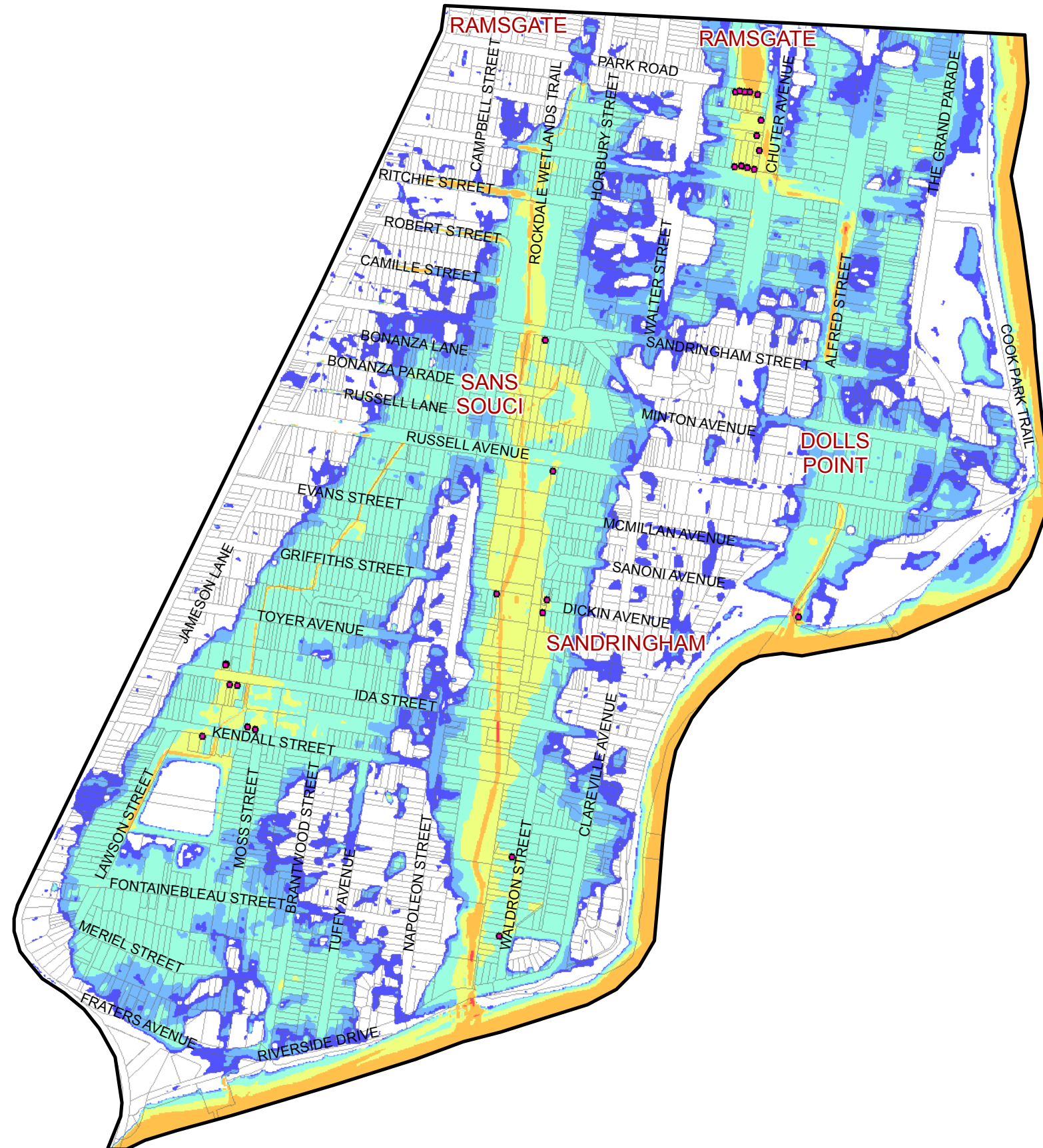


FIGURE F24  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC HAZARD  
 PMF EVENT**



Study Area  
 Cadastre  
● Properties affected by H4+

**Hydraulic Hazard**

H1 - Generally safe for people, vehicles and buildings.

H2 - Unsafe for small vehicles.

H3 - Unsafe for vehicles, children and the elderly.

H4 - Unsafe for people and vehicles.

H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.

H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

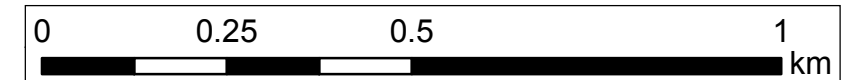




FIGURE F25  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**20% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

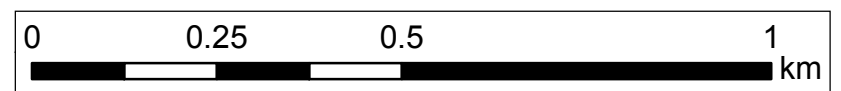


FIGURE F26  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**10% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

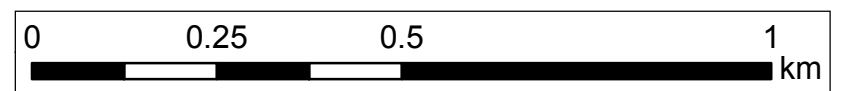




FIGURE F27  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**5% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

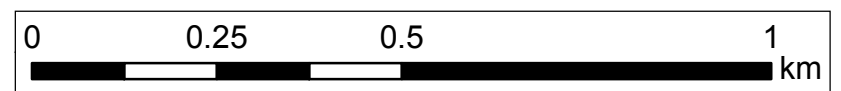


FIGURE F28  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**2% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

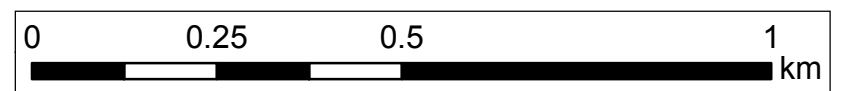
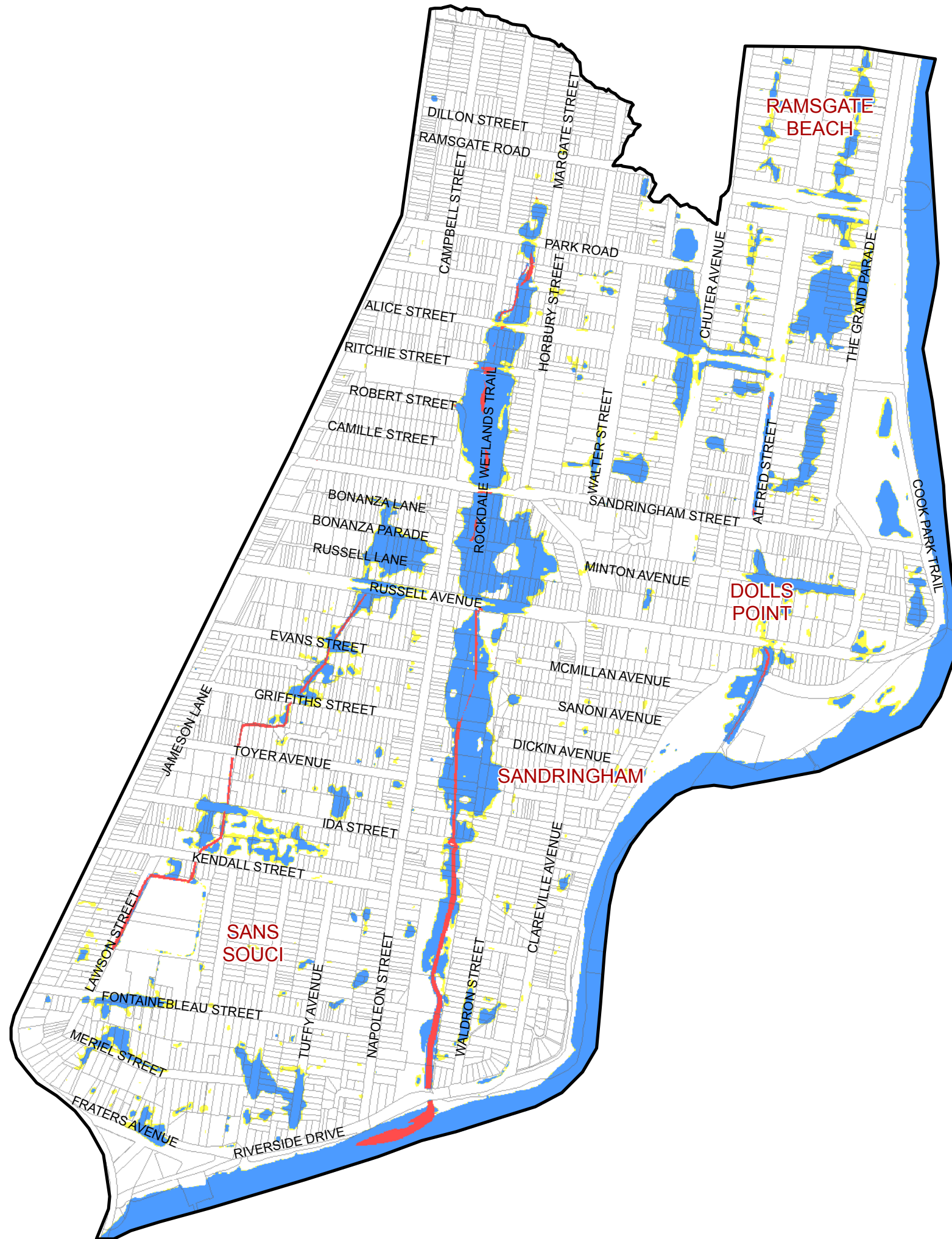




FIGURE F29  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**1% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

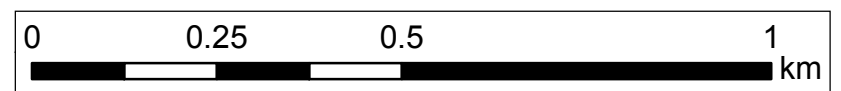


FIGURE F30  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**HYDRAULIC CATEGORIES**  
**0.5% AEP EVENT**



Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe

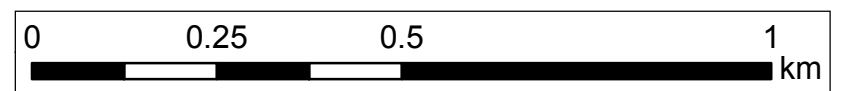
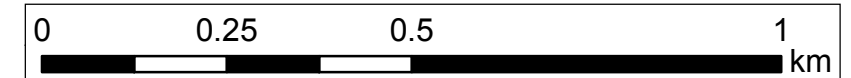
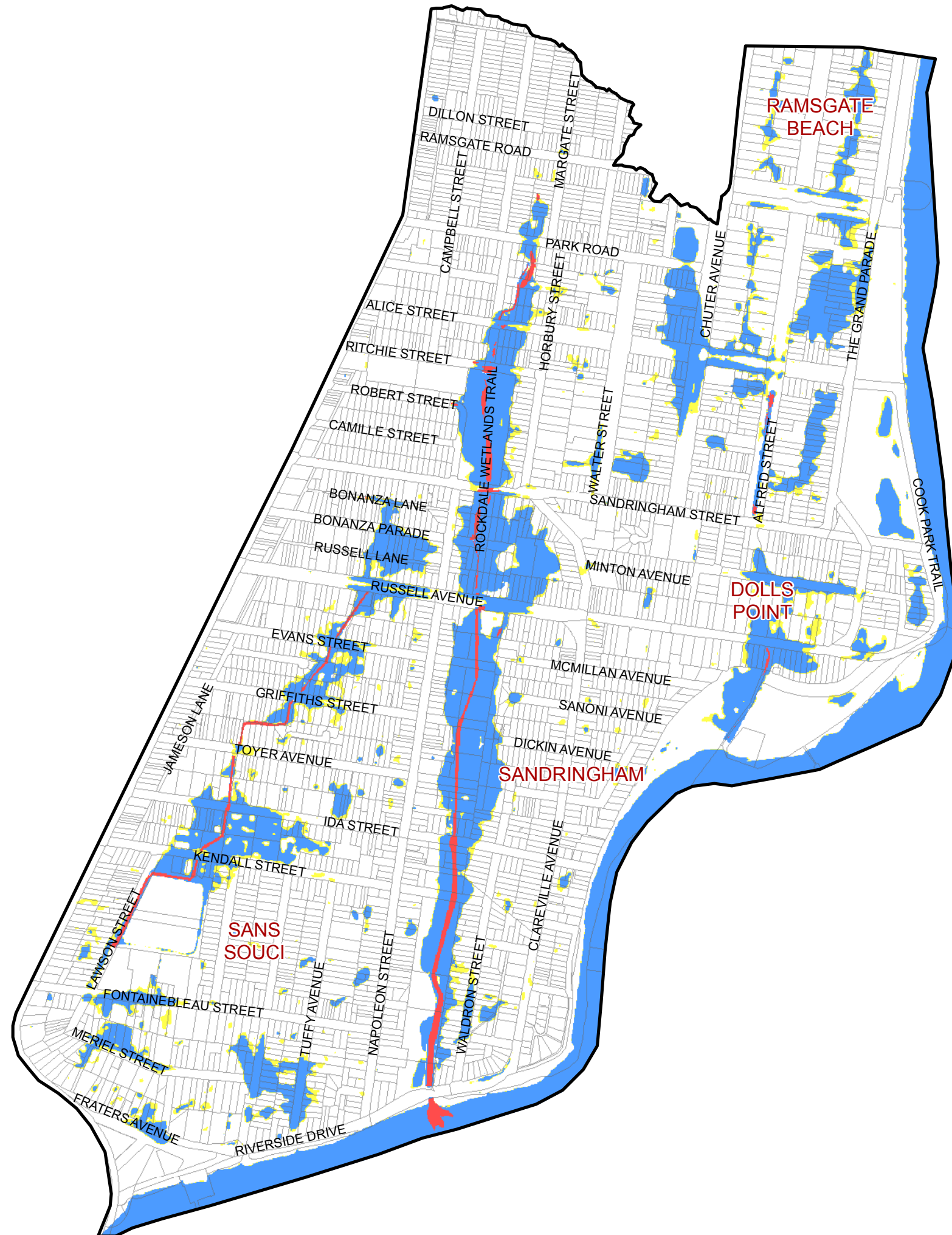


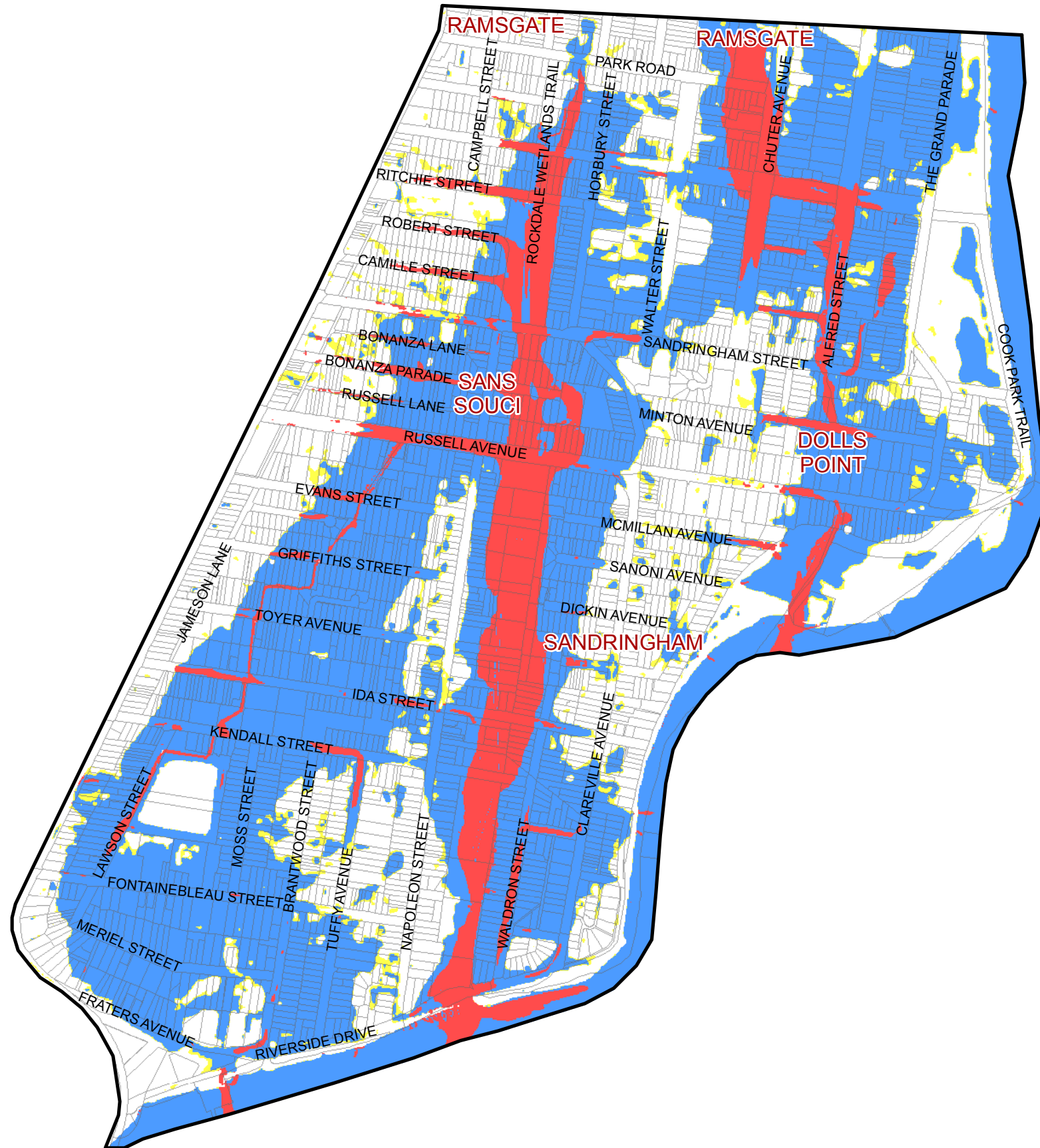


FIGURE F31  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC CATEGORIES  
 0.2% AEP EVENT

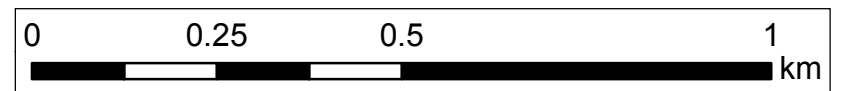


- Study Area
- Cadastre
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe

FIGURE F32  
 BAYSIDE WEST FRMS&P: SANS SOUCI  
 HYDRAULIC CATEGORIES  
 PMF EVENT

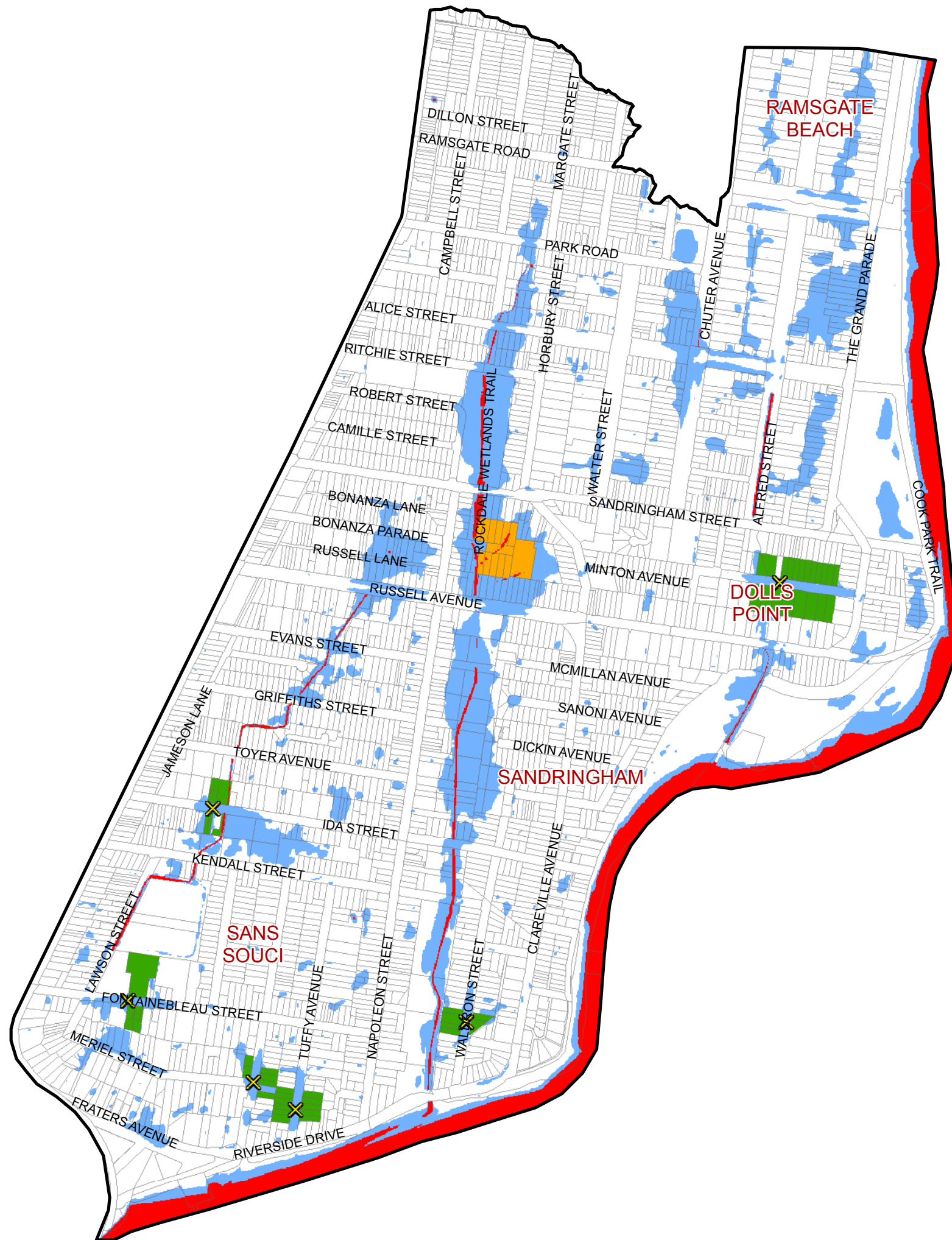


Study Area  
 Cadastre  
**Hydraulic Categorisation**  
 Floodway  
 Flood Storage  
 Flood Fringe





**BAYSIDE WEST FRMS&P: SANS SOUCI  
FLOOD EMERGENCY RESPONSE CLASSIFICATION  
1% AEP EVENT**



- Study Area
- Cadastre
- Roads Cut
- Flood Emergency Response Classification**
- Low Flood Island
- High Flood Island
- Overland Escape Route
- Rising Road Access
- Indirectly Affected

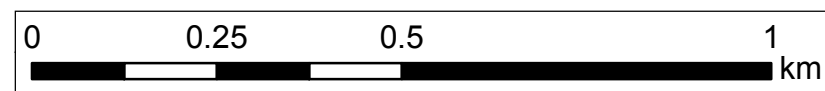
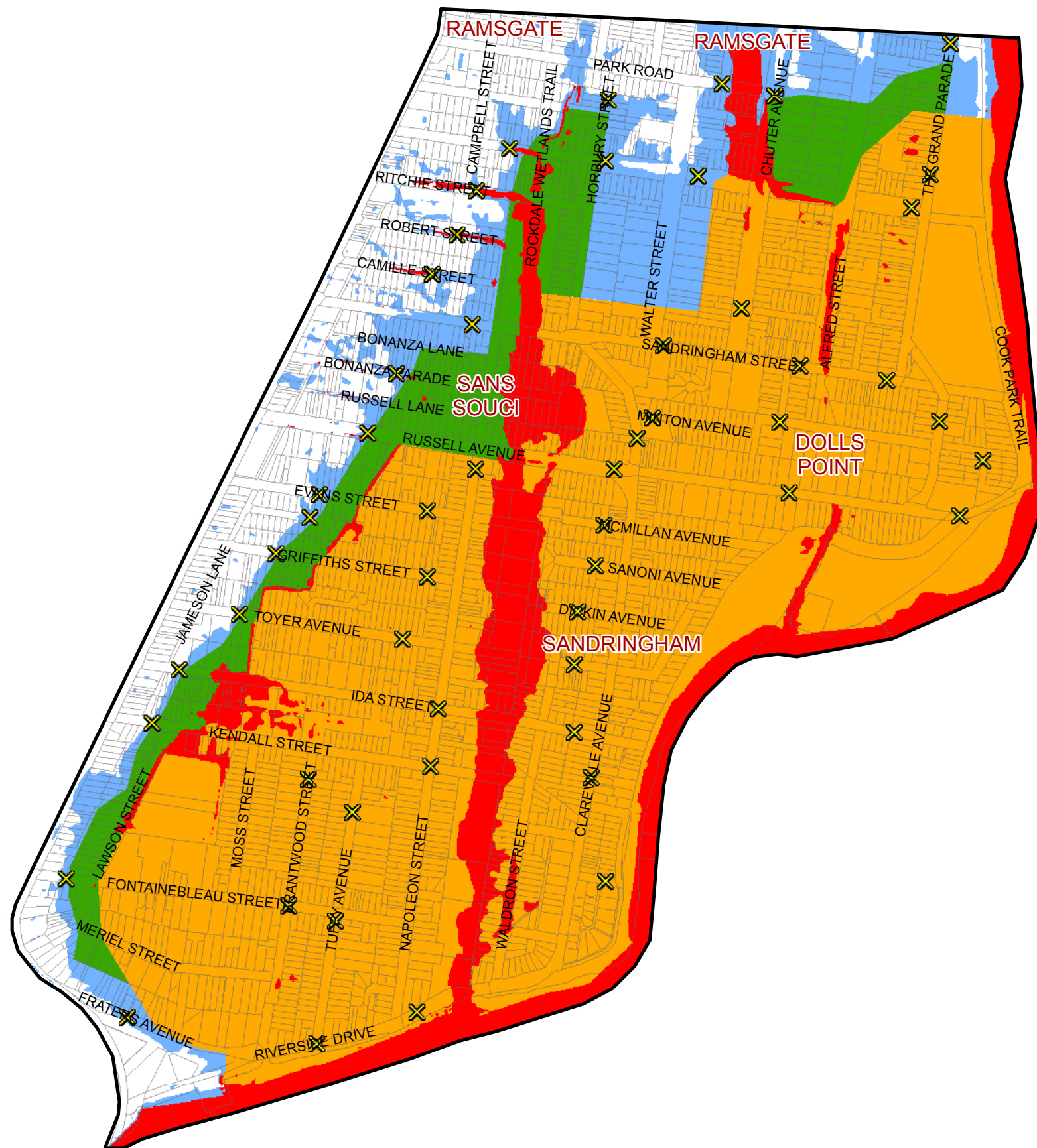


FIGURE F34  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 FLOOD EMERGENCY RESPONSE CLASSIFICATION  
 PMF EVENT**

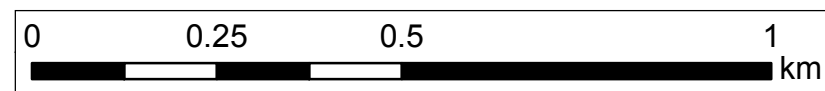


**Legend**

- Study Area
- Cadastral
- Roads Cut

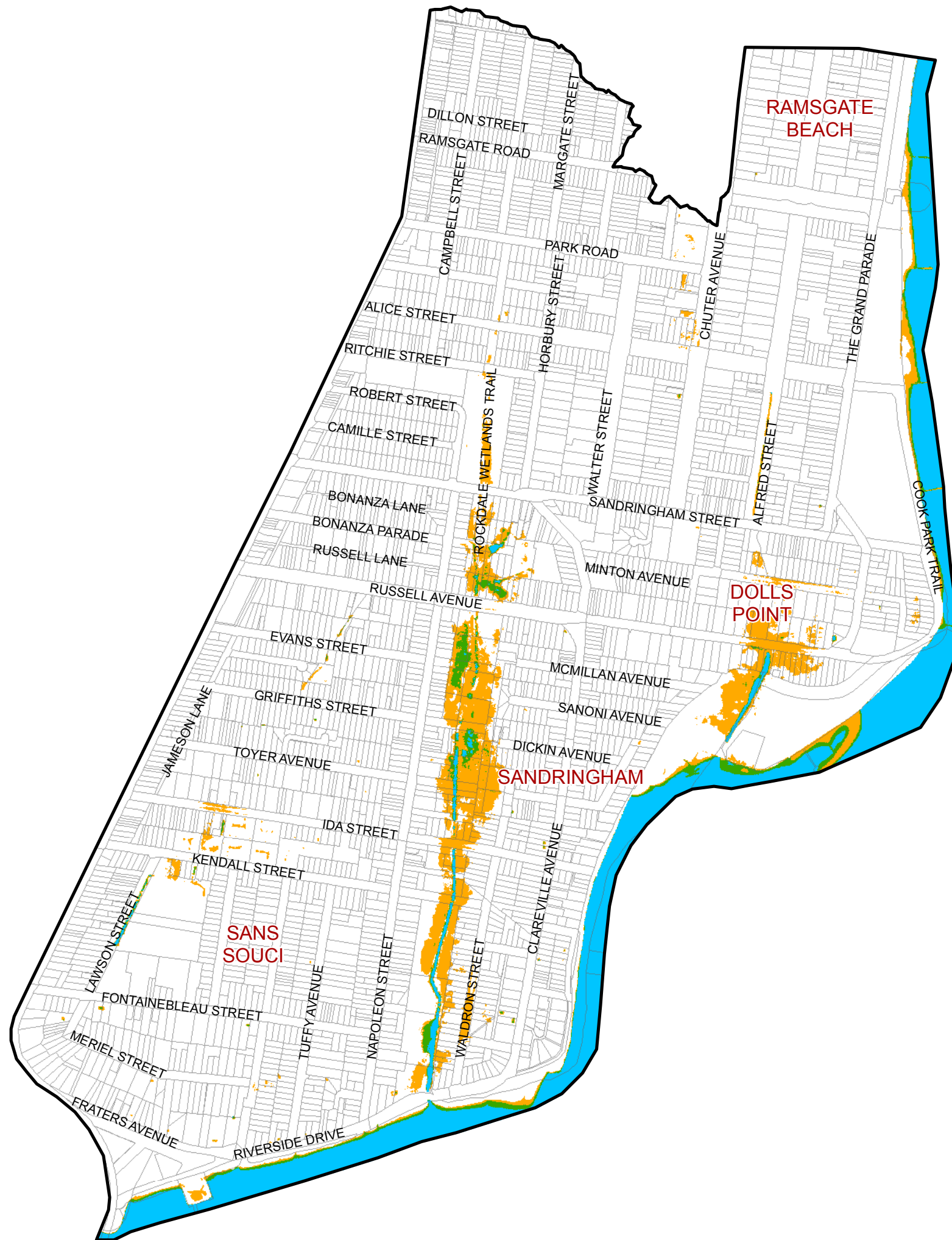
**Flood Emergency Response Classification**

- Low Flood Island
- High Flood Island
- Overland Escape Route
- Rising Road Access
- Indirectly Affected

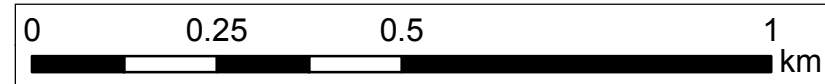




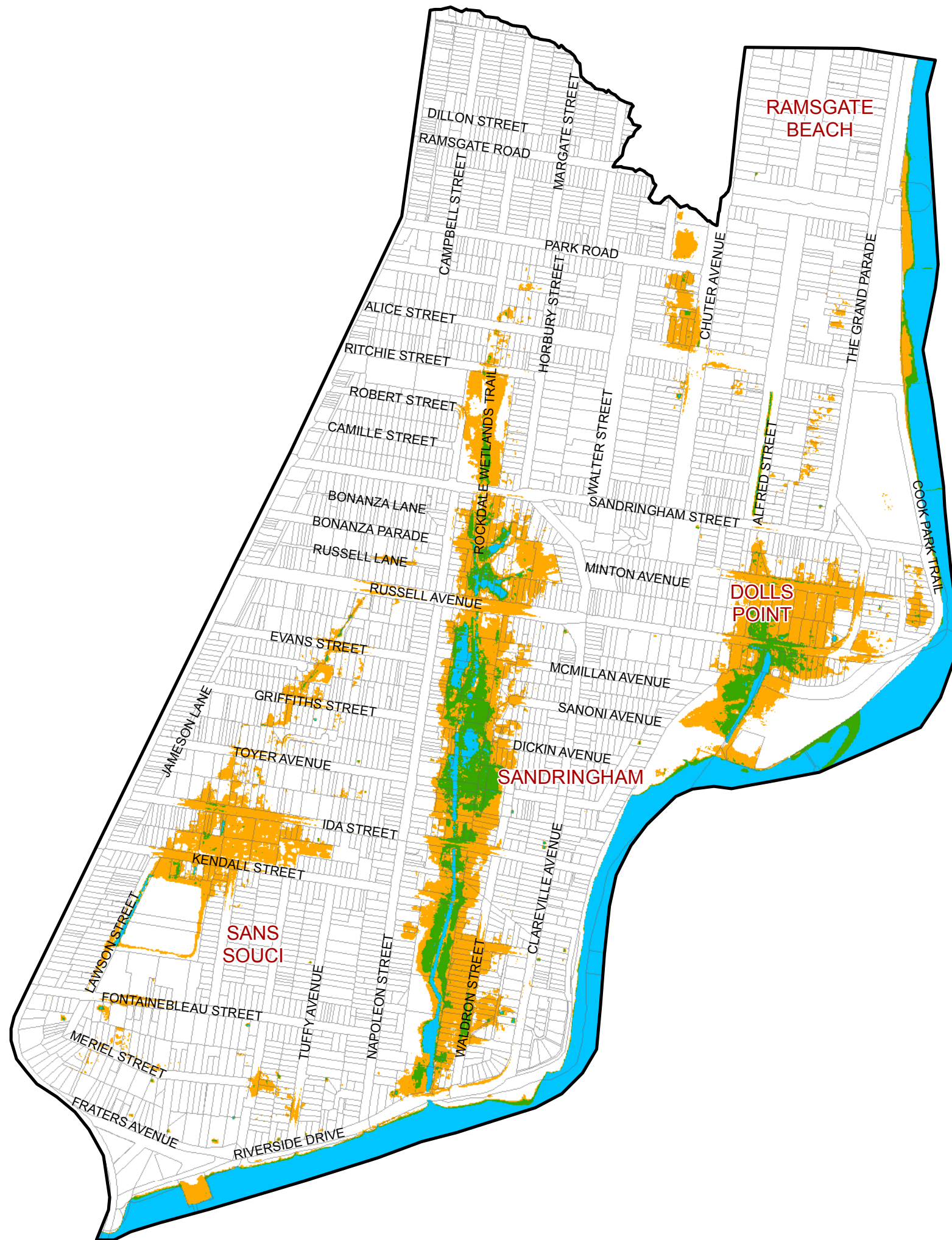
**BAYSIDE WEST FRMS&P: SANS SOUCI  
TIDAL INUNDATION EXTENT  
MEAN HIGH WATER SPRINGS**



- Study Area
- Cadastre
- MHWS
- MHWS +0.4m Sea Level Rise
- MHWS +0.9m Sea Level Rise



**BAYSIDE WEST FRMS&P: SANS SOUCI  
TIDAL INUNDATION EXTENT  
HIGH HIGH WATER SOLSTICE SPRINGS**



- Study Area
- Cadastre
- HHWSS
- HHWSS +0.4m Sea Level Rise
- HHWSS +0.9m Sea Level Rise

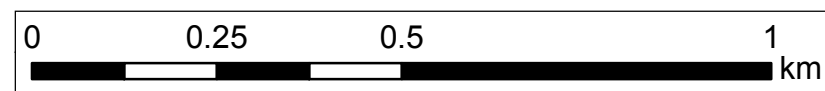
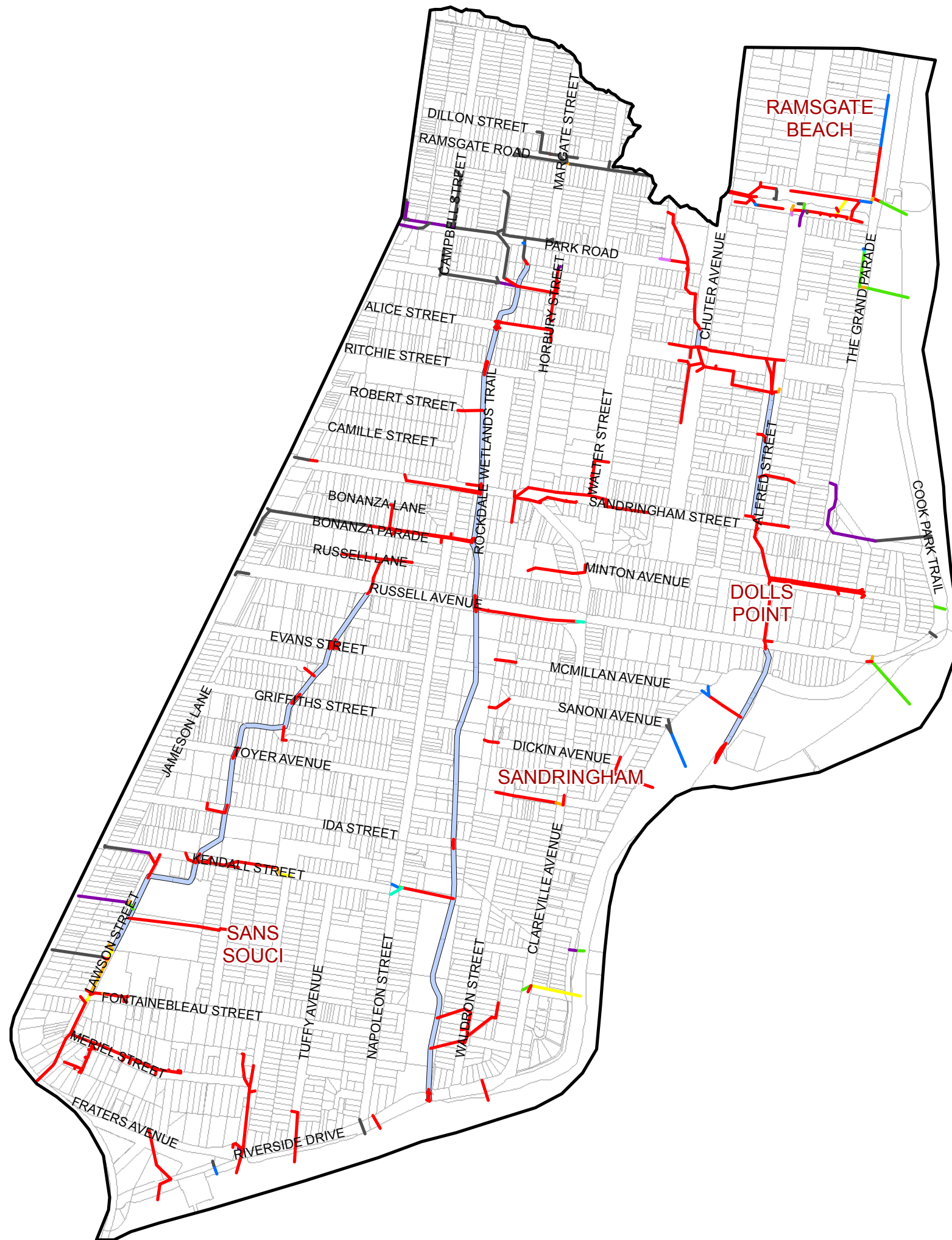
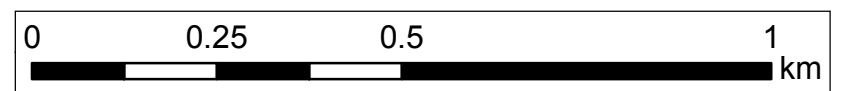




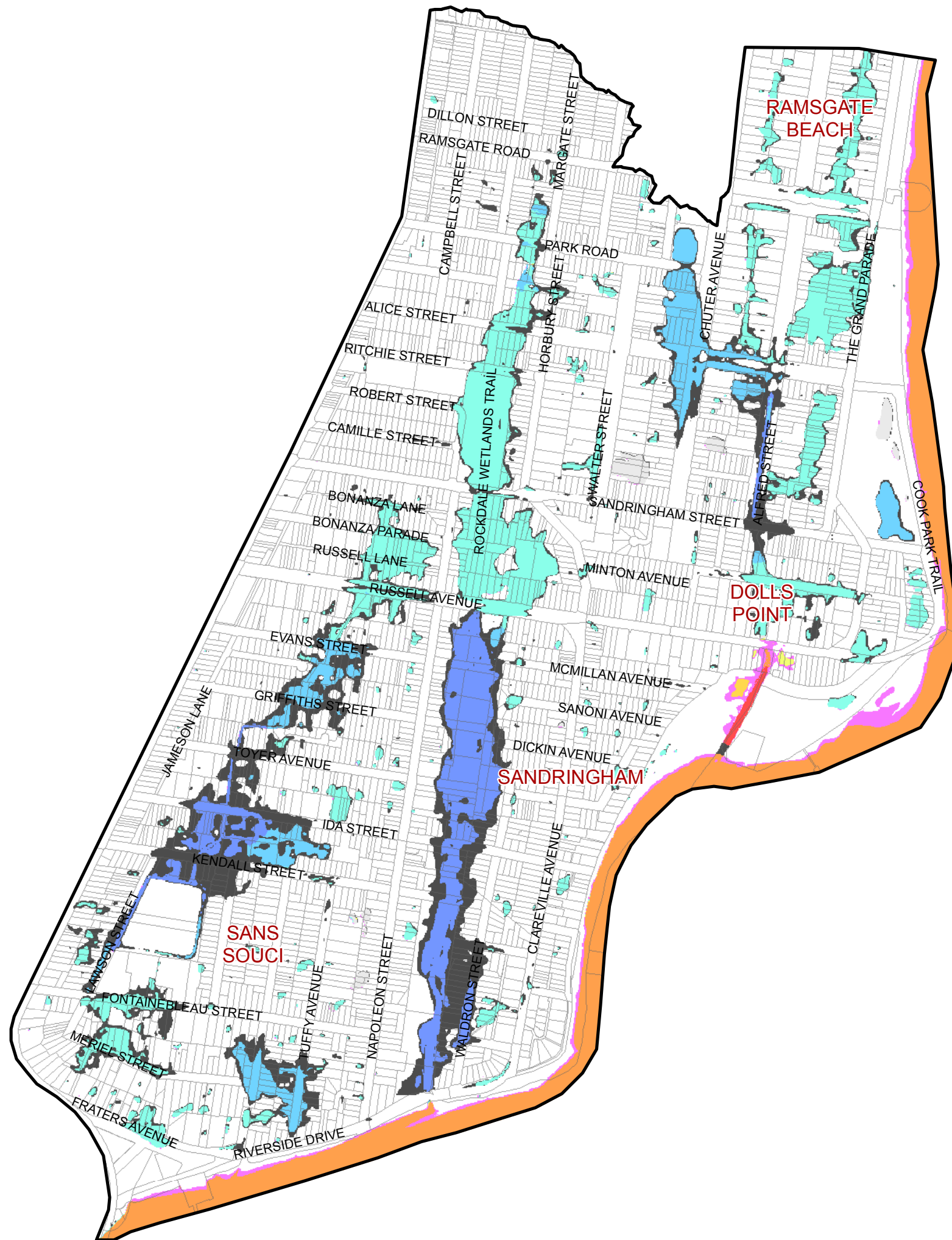
FIGURE F37  
**BAYSIDE WEST FRMS&P: SANS SOUCI  
 PIPE CAPACITY ASSESSMENT  
 FIRST EVENT FULL**



- Study Area
- Cadastre
- Open Channels
- Event Full**
- 20% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.5% AEP
- 0.2% AEP
- PMF
- Not Full



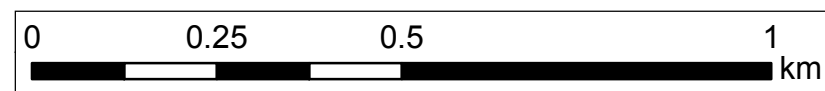
**BAYSIDE WEST FRMS&P: SANS SOUCI  
COMPARISON WITH PREVIOUS FLOOD STUDY RESULTS  
1% AEP EVENT**



**Study Area**  
Cadastral

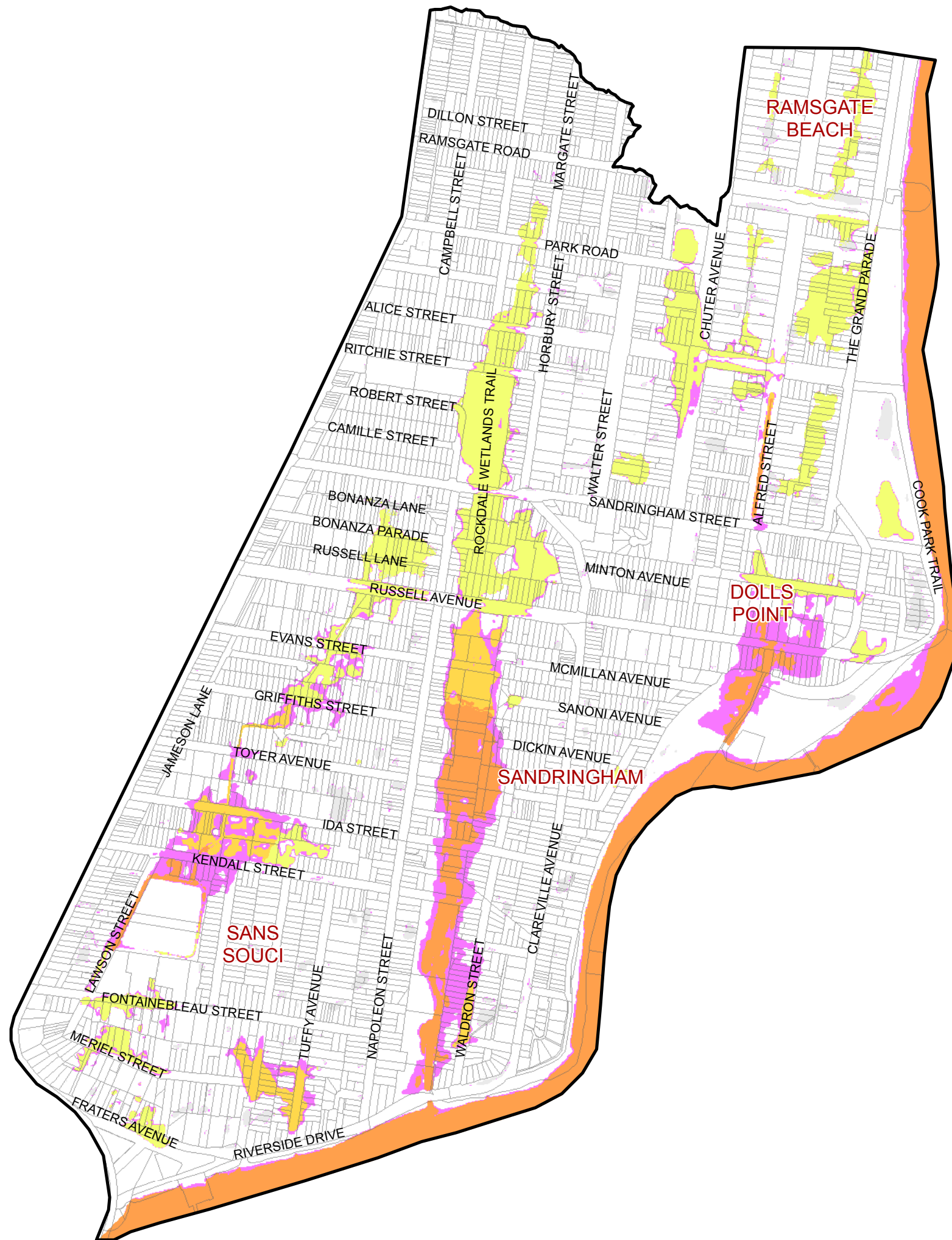
**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





**BAYSIDE WEST FRMS&P: SANS SOUCI  
CLIMATE CHANGE SENSITIVITY 2050  
1% AEP EVENT**



**Study Area**  
Cadastral

**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded

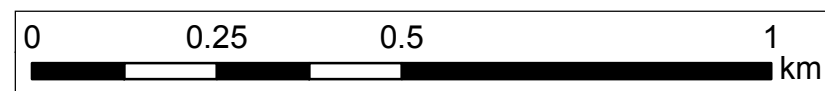
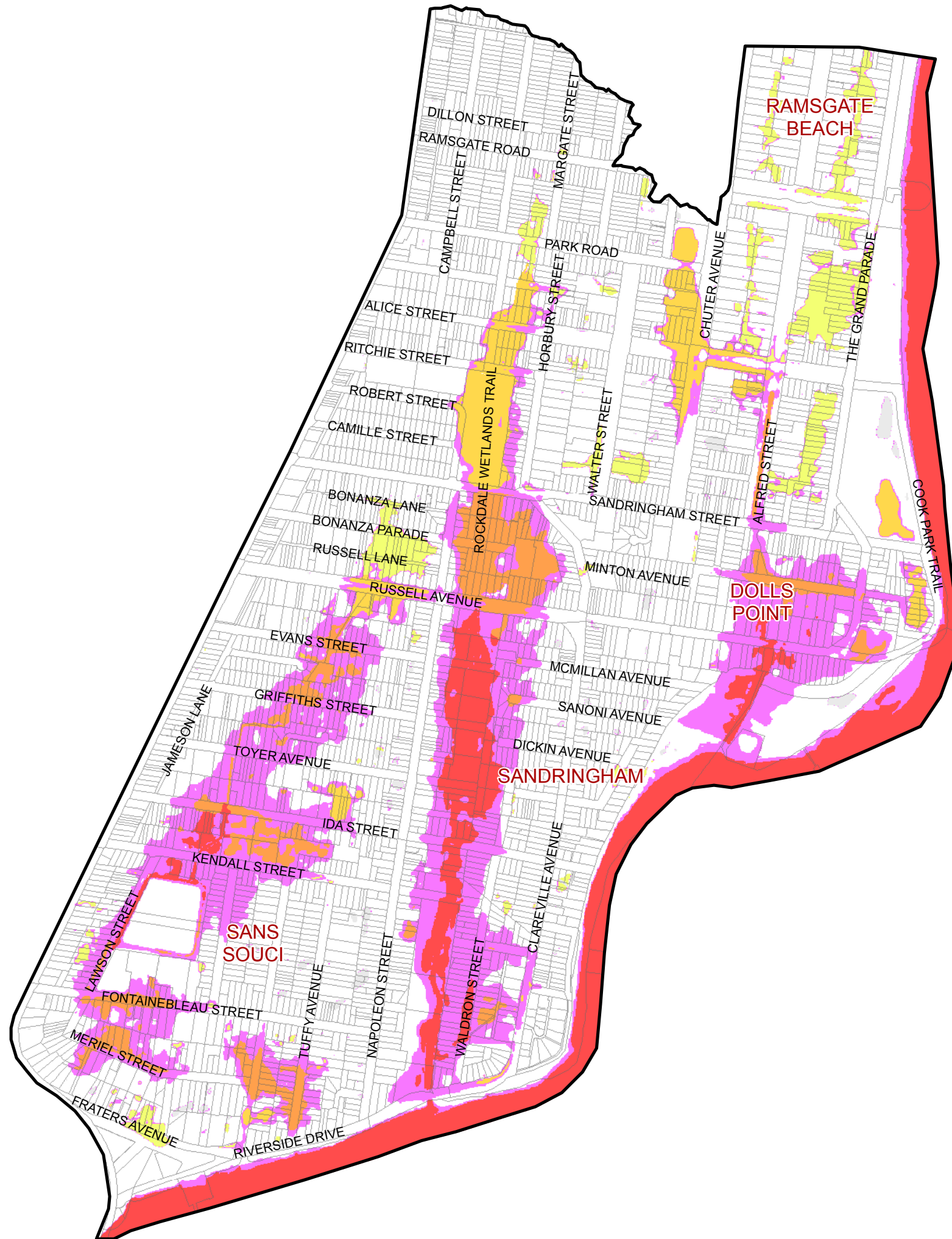
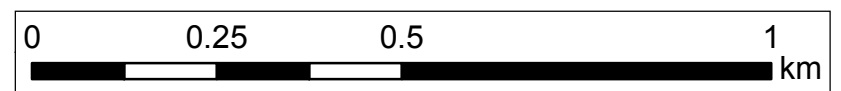


FIGURE F40  
**BAYSIDE WEST FRMS&P: SANS SOUCI**  
**CLIMATE CHANGE SENSITIVITY 2090**  
**1% AEP EVENT**

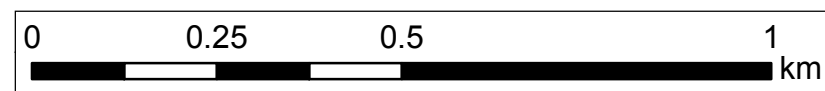
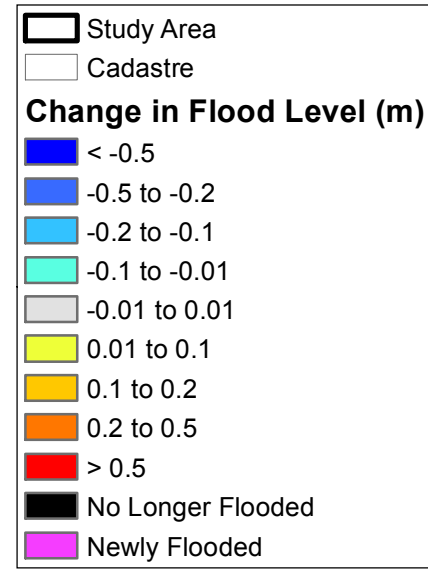
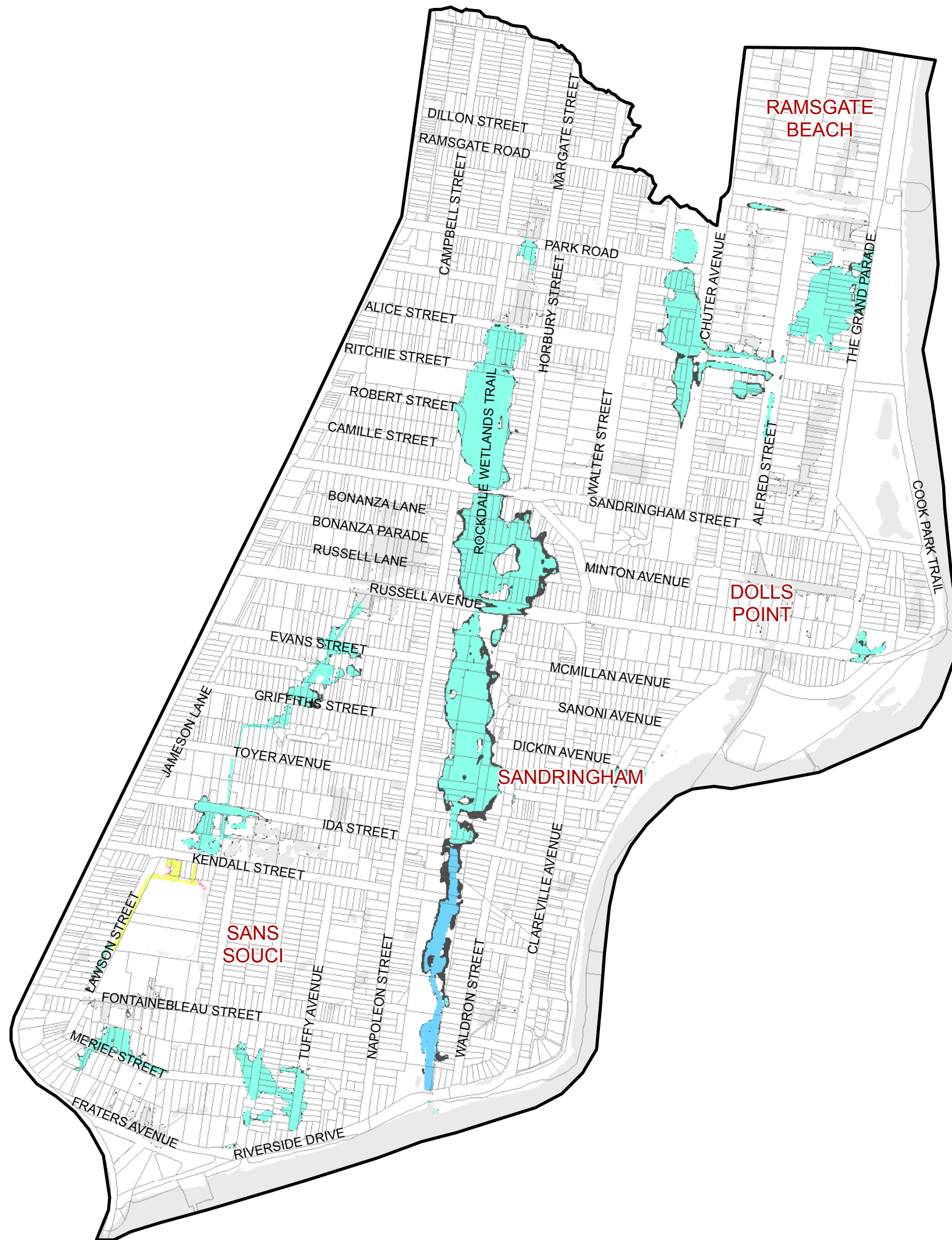


	Study Area
	Cadastre
<b>Change in Flood Level (m)</b>	
	< -0.5
	-0.5 to -0.2
	-0.2 to -0.1
	-0.1 to -0.01
	-0.01 to 0.01
	0.01 to 0.1
	0.1 to 0.2
	> 0.5
	No Longer Flooded
	Newly Flooded





**BAYSIDE WEST FRMS&P: SANS SOUCI  
NO BLOCKAGE SENSITIVITY  
1% AEP EVENT**



## **APPENDIX G. FLOOD MODIFICATION OPTIONS REJECTED WITH HYDRAULIC ASSESSMENT**

- Figure G1: Evatt Park Detention Basin 1% AEP Flood Impact
- Figure G2: Flynns Reserve Detention Basin 1% AEP Flood Impact
- Figure G3: Flynns Reserve Bund 1% AEP Flood Impact
- Figure G4: Bridge Street Channel Walls 1% AEP Flood Impact
- Figure G5: Bardwell Valley Golf Course Culvert Upgrade 1% AEP Flood Impact
- Figure G6: Bexley Aquatic Centre Flow Path Additional Inlets 5% AEP Flood Impact
- Figure G7: Henderson Street Industrial Area Levee 1% AEP Flood Impact
- Figure G8: Turrella Street Drainage Upgrade 1% AEP Flood Impact
- Figure G9: Lusty Reserve Detention Basin 1% AEP Flood Impact
- Figure G10: East Street Catchment Diversion to Bardwell Creek 1% AEP Flood Impact
- Figure G11: Wollongong Road Duplication to Railway 1% AEP Flood Impact
- Figure G12: Wollongong Road Duplication to Cooks River 1% AEP Flood Impact
- Figure G13: Bonar Street Additional Inlets 1% AEP Flood Impact
- Figure G14: Arncliffe Street Overland Flow Path 5% AEP Flood Impact
- Figure G15: Cahill Park Levee 1% AEP Flood Impact
- Figure G16: Beaconsfield Street Drainage Diversion 1% AEP Flood Impact
- Figure G17: Oswell Street to Wolli Creek Road Drainage Diversion 1% AEP Flood Impact
- Figure G18: Bruce Street Drainage Upgrade 1% AEP Flood Impact
- Figure G19: Tindale Reserve Detention Basin 1% AEP Flood Impact
- Figure G20: Reading Road Drainage Upgrade 1% AEP Flood Impact
- Figure G21: Kendall Street Reserve Mitigation Works 1% AEP Flood Impact
- Figure G22: Park Road Detention Basin 1% AEP Flood Impact
- Figure G23: Brantwood Street and Tuffy Avenue Drainage Upgrade 1% AEP Flood Impact
- Figure G24: Russell Lane Drainage Upgrade 1% AEP Flood Impact





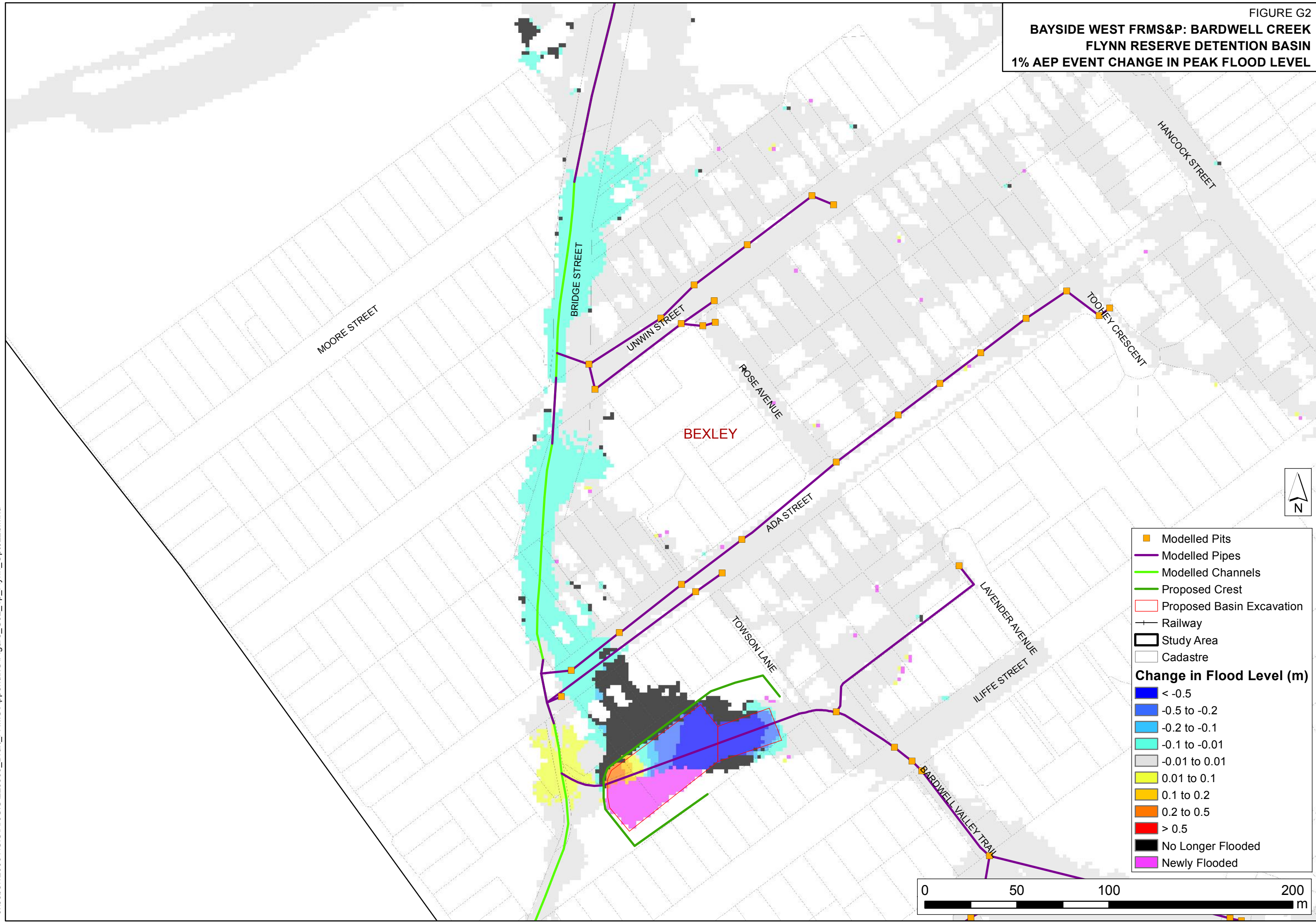
**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
EVATT PARK DETENTION BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**



J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G01\_1p\_Evatt\_Opt022a.mxd

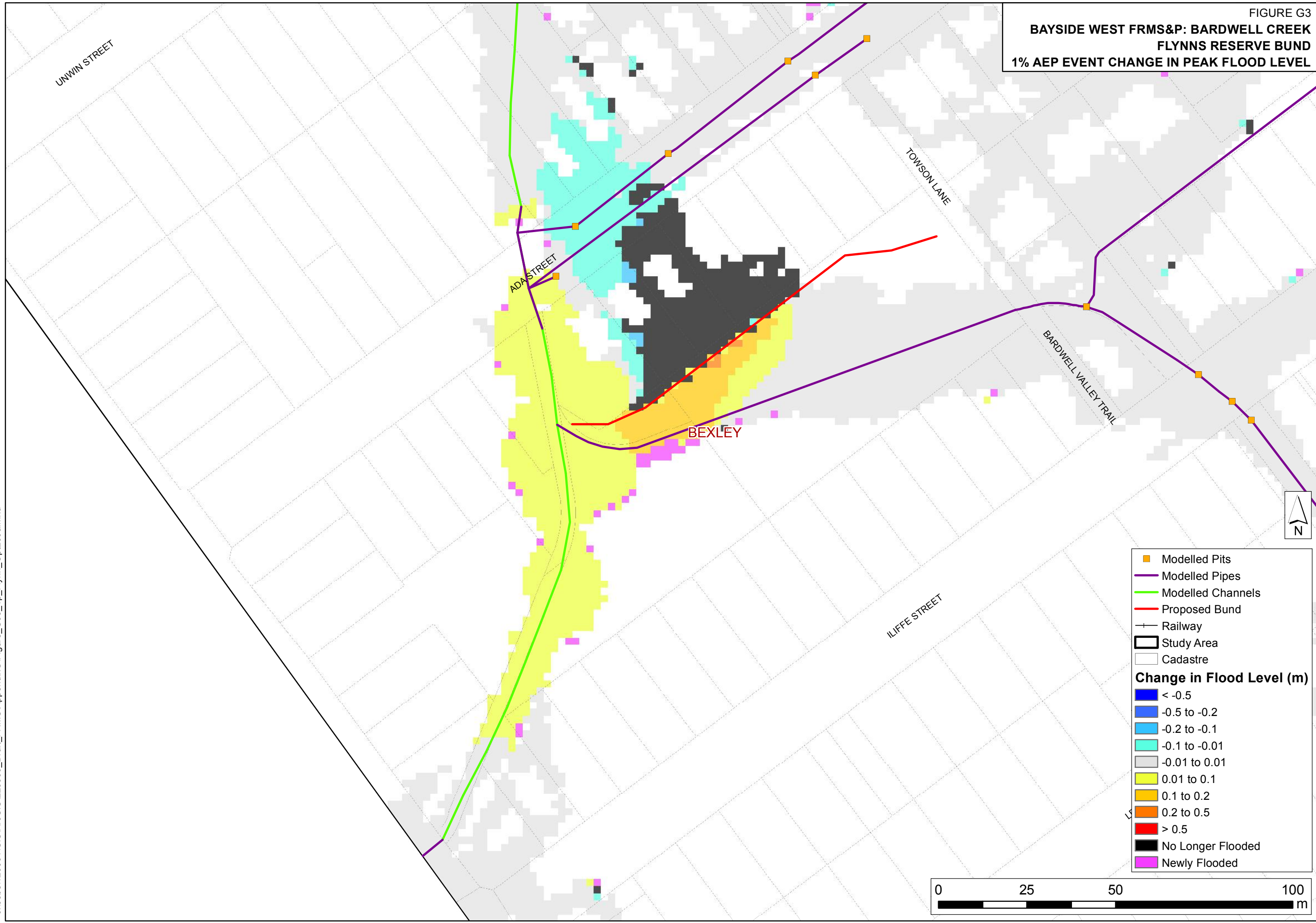




















**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
FLYNN RESERVE DETENTION BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

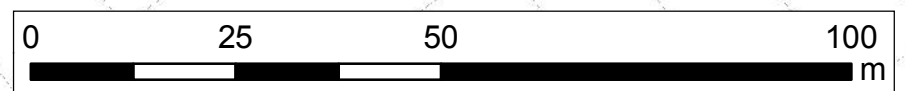




**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
FLYNN'S RESERVE BUND  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**



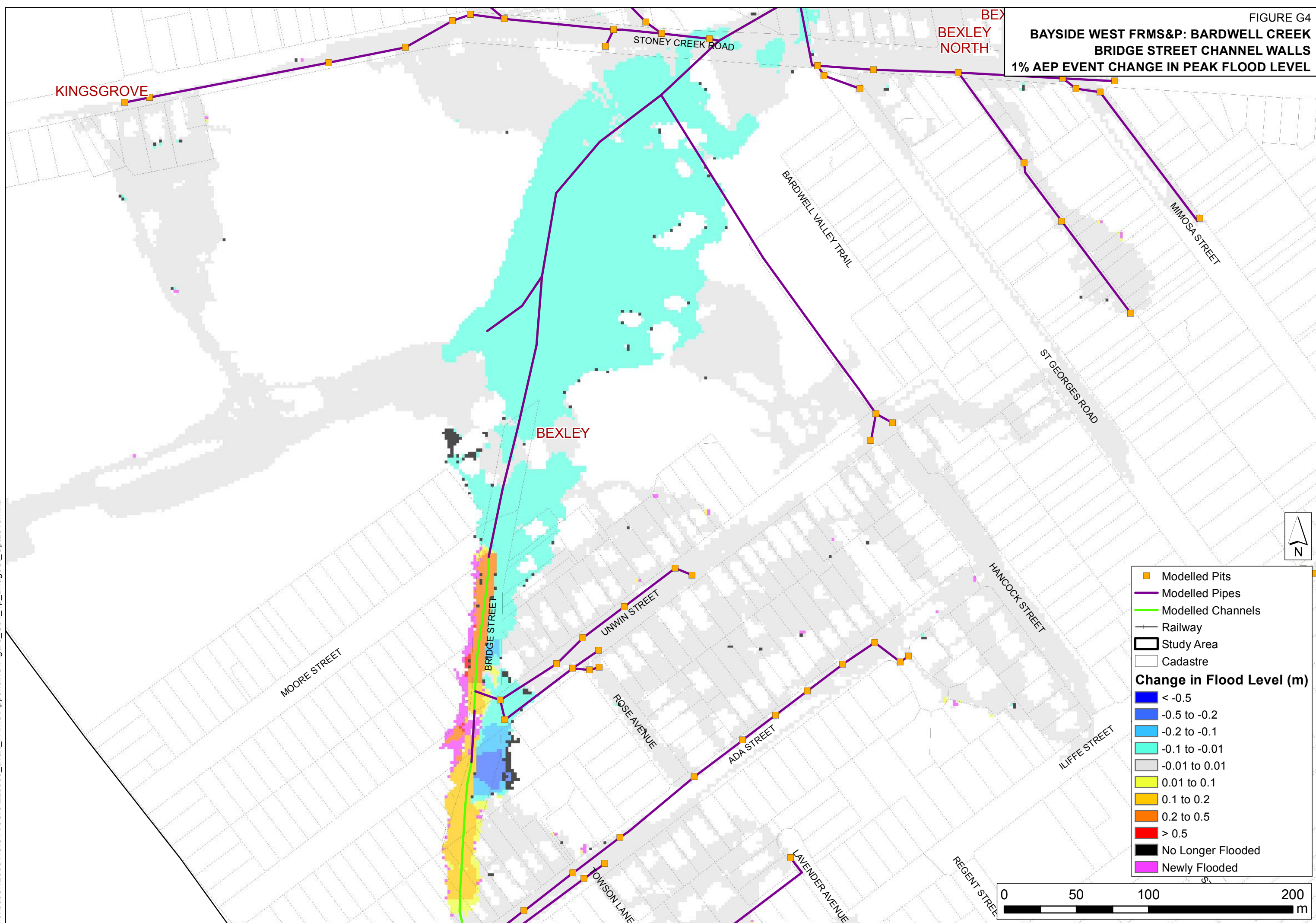
-  Modelled Pits
-  Modelled Pipes
-  Modelled Channels
-  Proposed Bund
-  Railway
-  Study Area
-  Cadastre
- Change in Flood Level (m)**
-  < -0.5
-  -0.5 to -0.2
-  -0.2 to -0.1
-  -0.1 to -0.01
-  -0.01 to 0.01
-  0.01 to 0.1
-  0.1 to 0.2
-  0.2 to 0.5
-  > 0.5
-  No Longer Flooded
-  Newly Flooded





**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
BRIDGE STREET CHANNEL WALLS  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

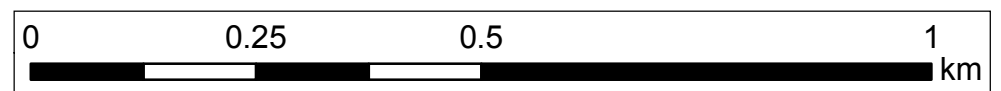
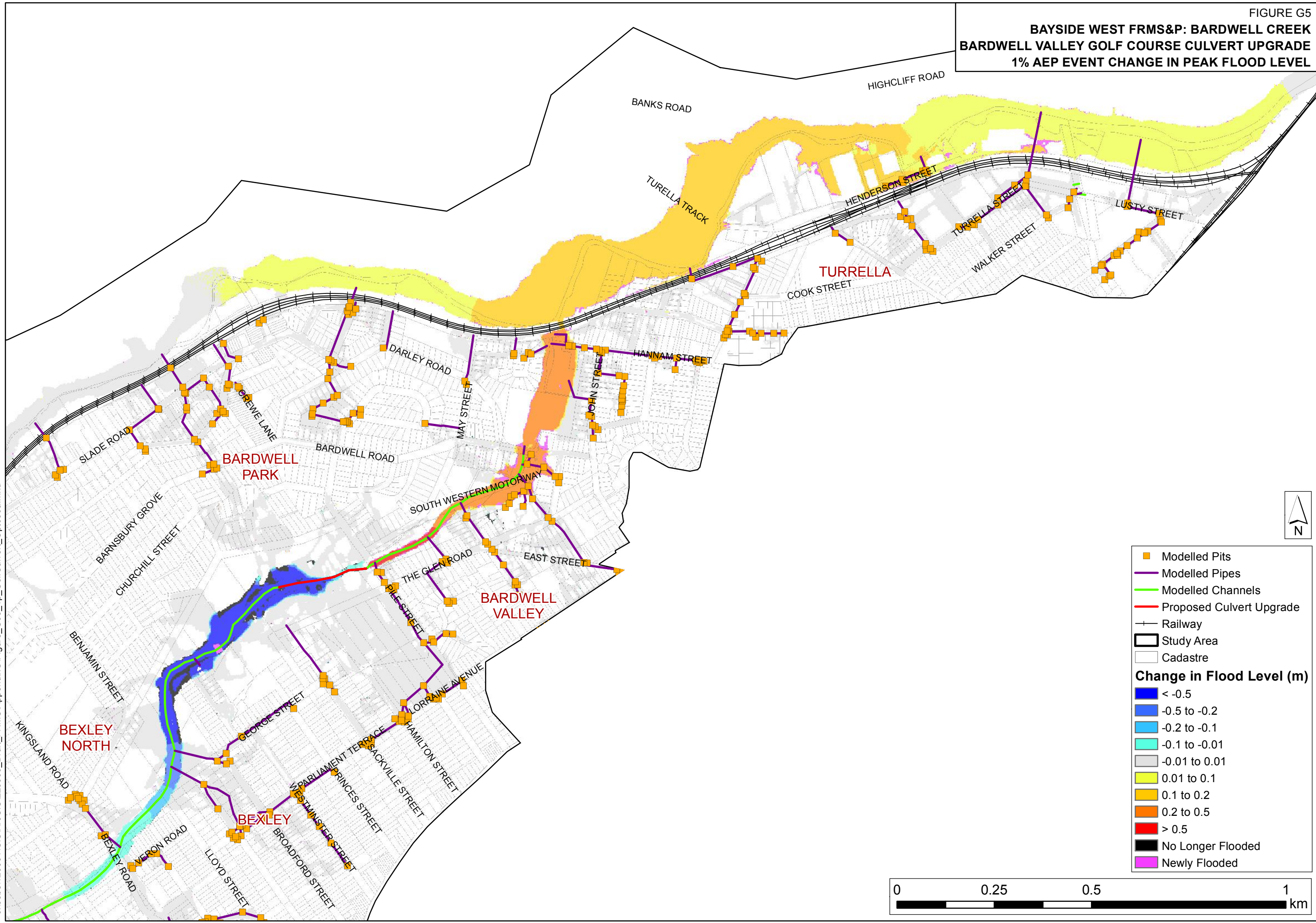
J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G04\_1p\_BridgeSt\_Opt201c.mxd





**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
BARDWELL VALLEY GOLF COURSE CULVERT UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
BEXLEY AQUATIC FLOWPATH ADDITIONAL INLETS  
5% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G06\_5p\_AquaticInlets\_Opt231a.mxd

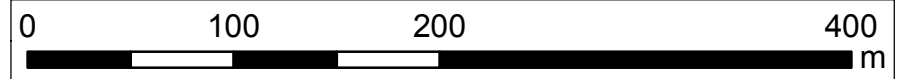
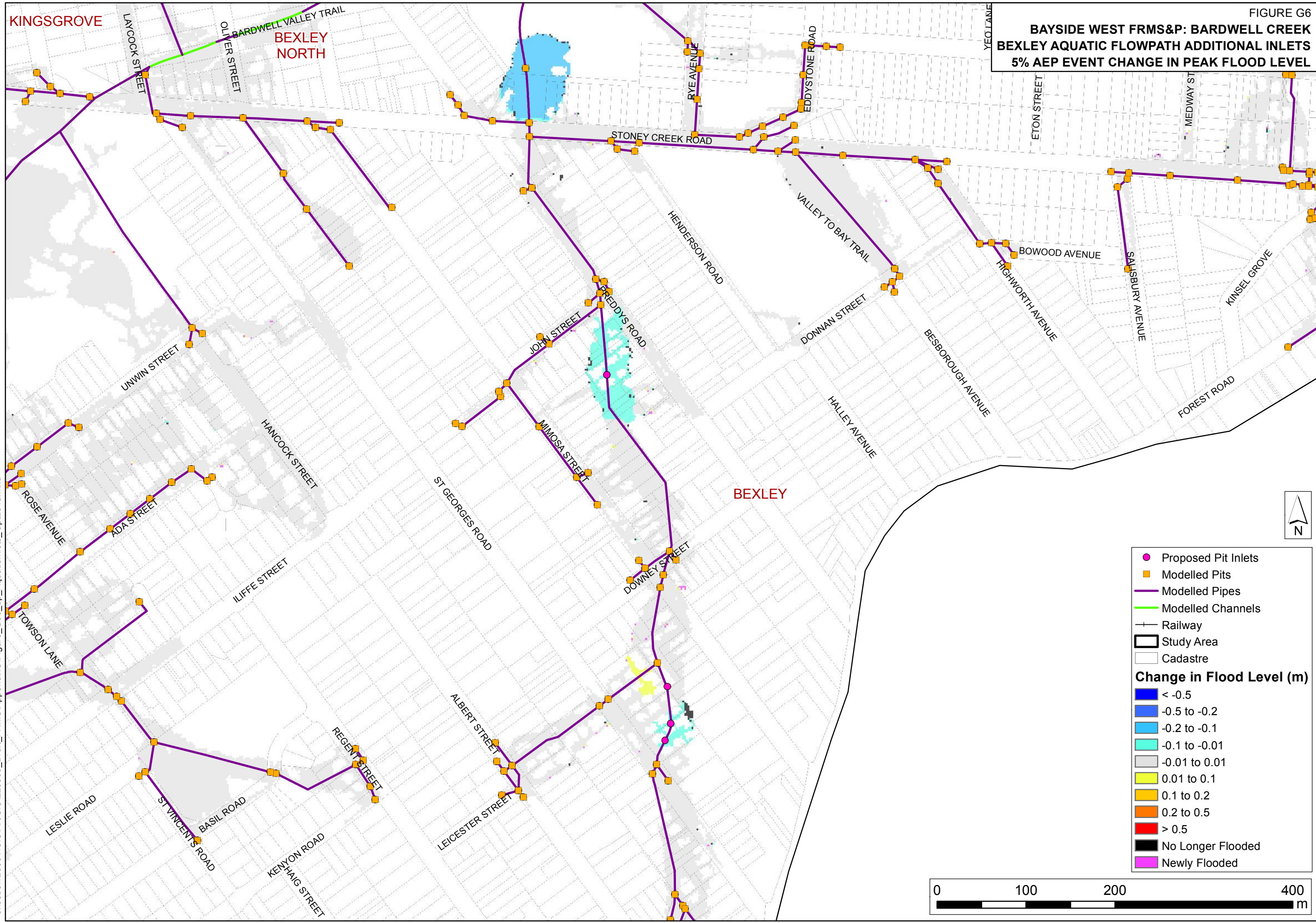
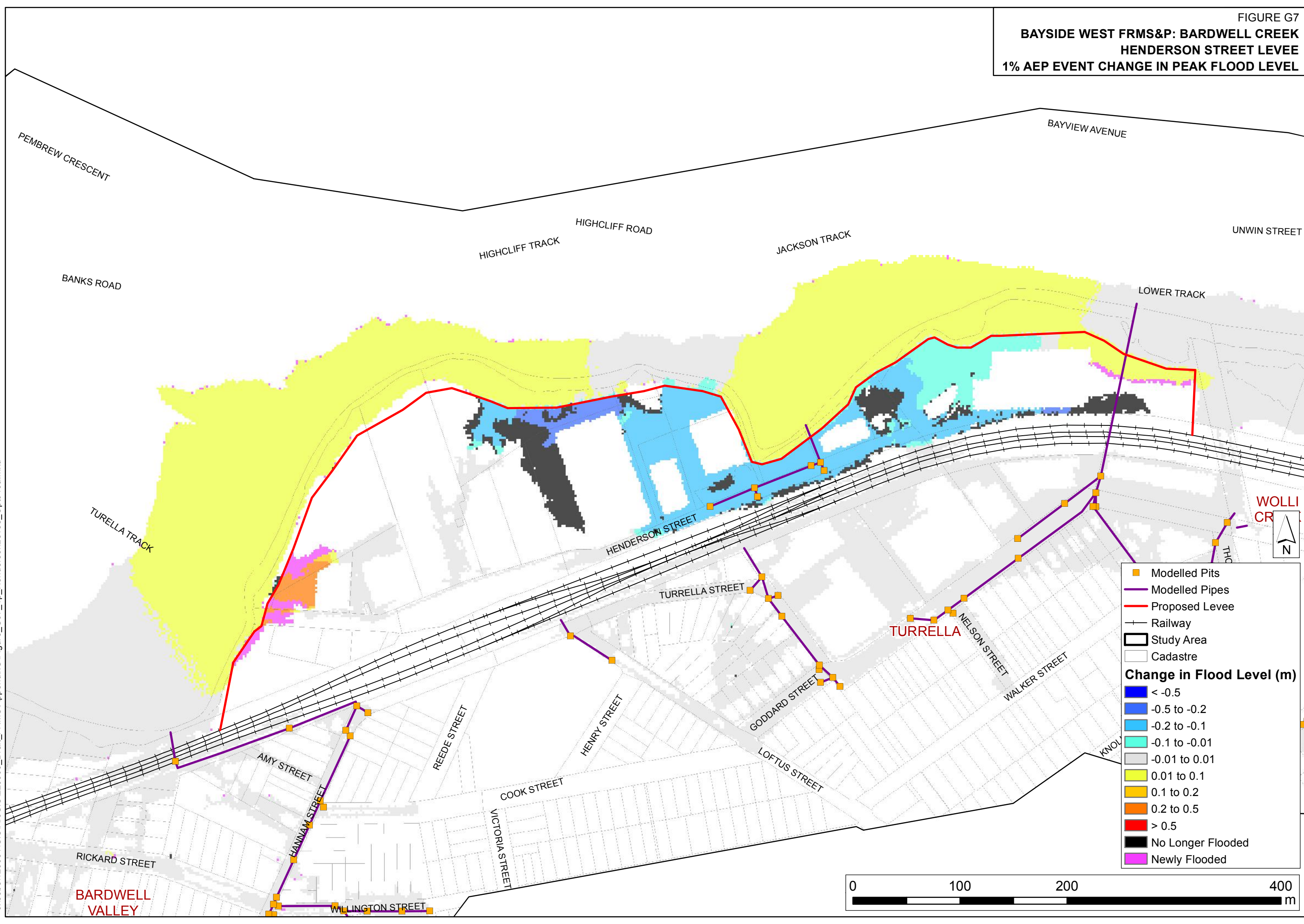


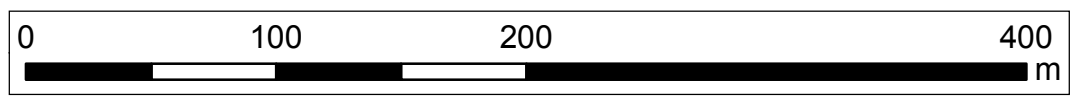


FIGURE G7  
**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
 HENDERSON STREET LEVEL  
 1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G07\_1p\_HendersonLevee\_Opt016a.mxd



	Modelled Pits
	Modelled Pipes
	Proposed Levee
	Railway
	Study Area
	Cadastre
<b>Change in Flood Level (m)</b>	
	< -0.5
	-0.5 to -0.2
	-0.2 to -0.1
	-0.1 to -0.01
	-0.01 to 0.01
	0.01 to 0.1
	0.1 to 0.2
	> 0.5
	No Longer Flooded
	Newly Flooded



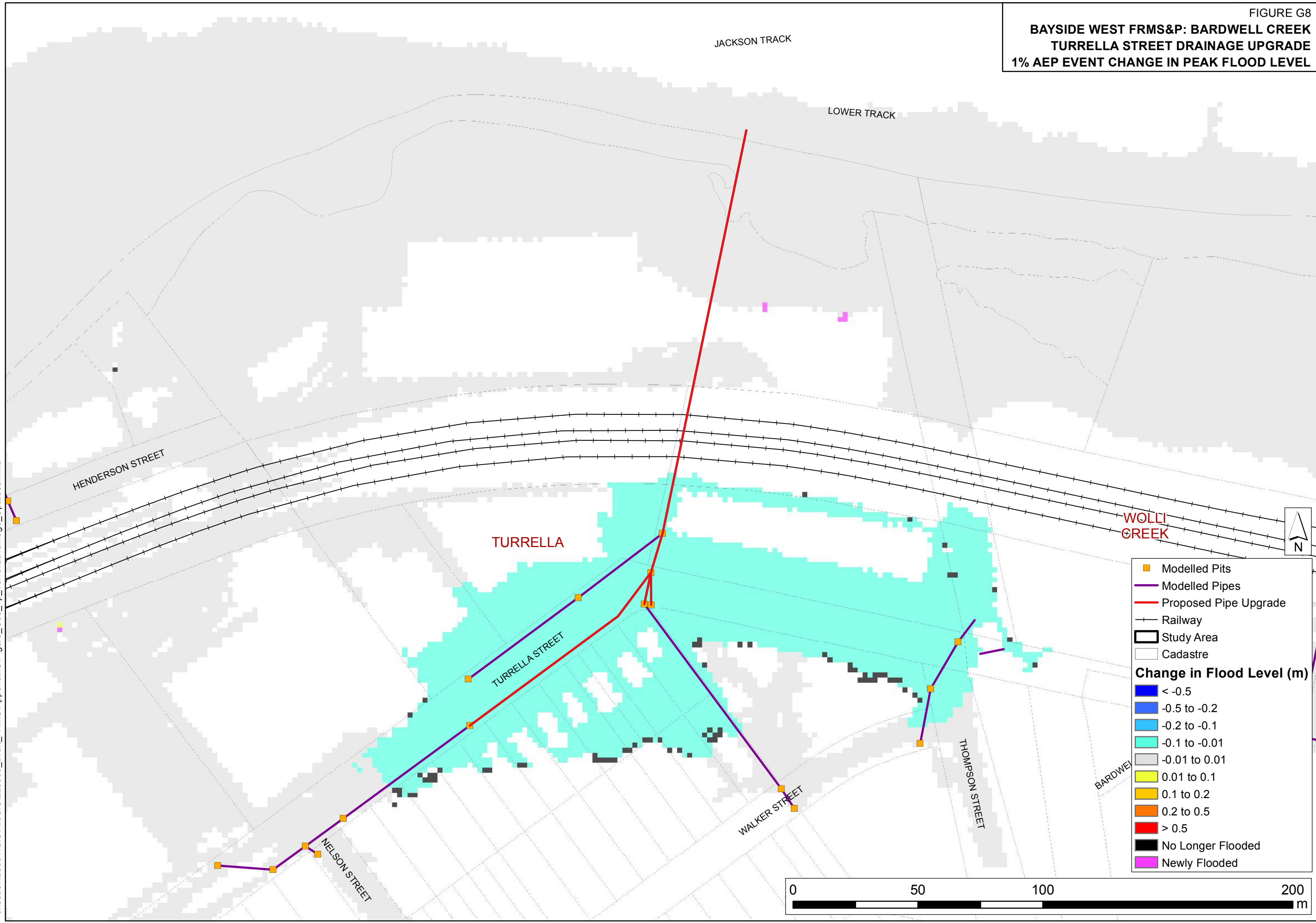
**BARDWELL VALLEY**

**WOLLI CR**

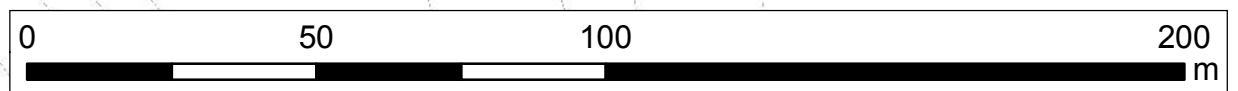
**TURRELLA**

**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
TURRELLA STREET DRAINAGE UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G08\_1p\_TurrellaDrainage\_Opt233a.mxd



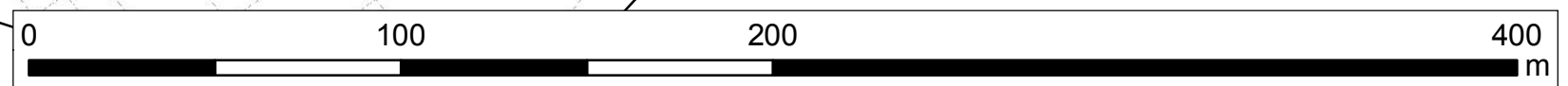
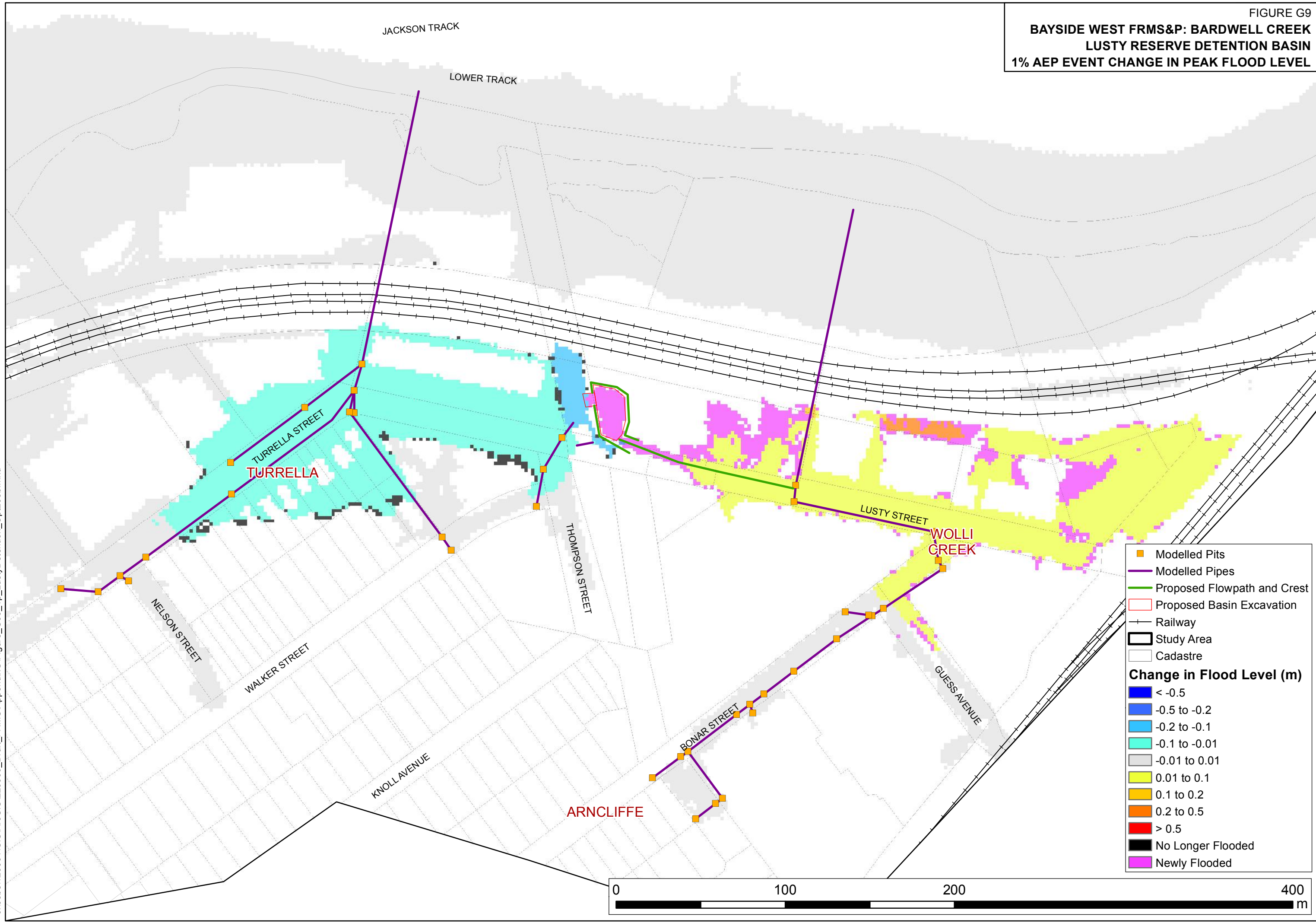
- Modelled Pits
- Modelled Pipes
- Proposed Pipe Upgrade
- Railway
- ▭ Study Area
- ▭ Cadastre
- Change in Flood Level (m)**
- <math>< -0.5</math>
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.01
- -0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





**BAYSIDE WEST FRMS&P: BARDWELL CREEK  
LUSTY RESERVE DETENTION BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

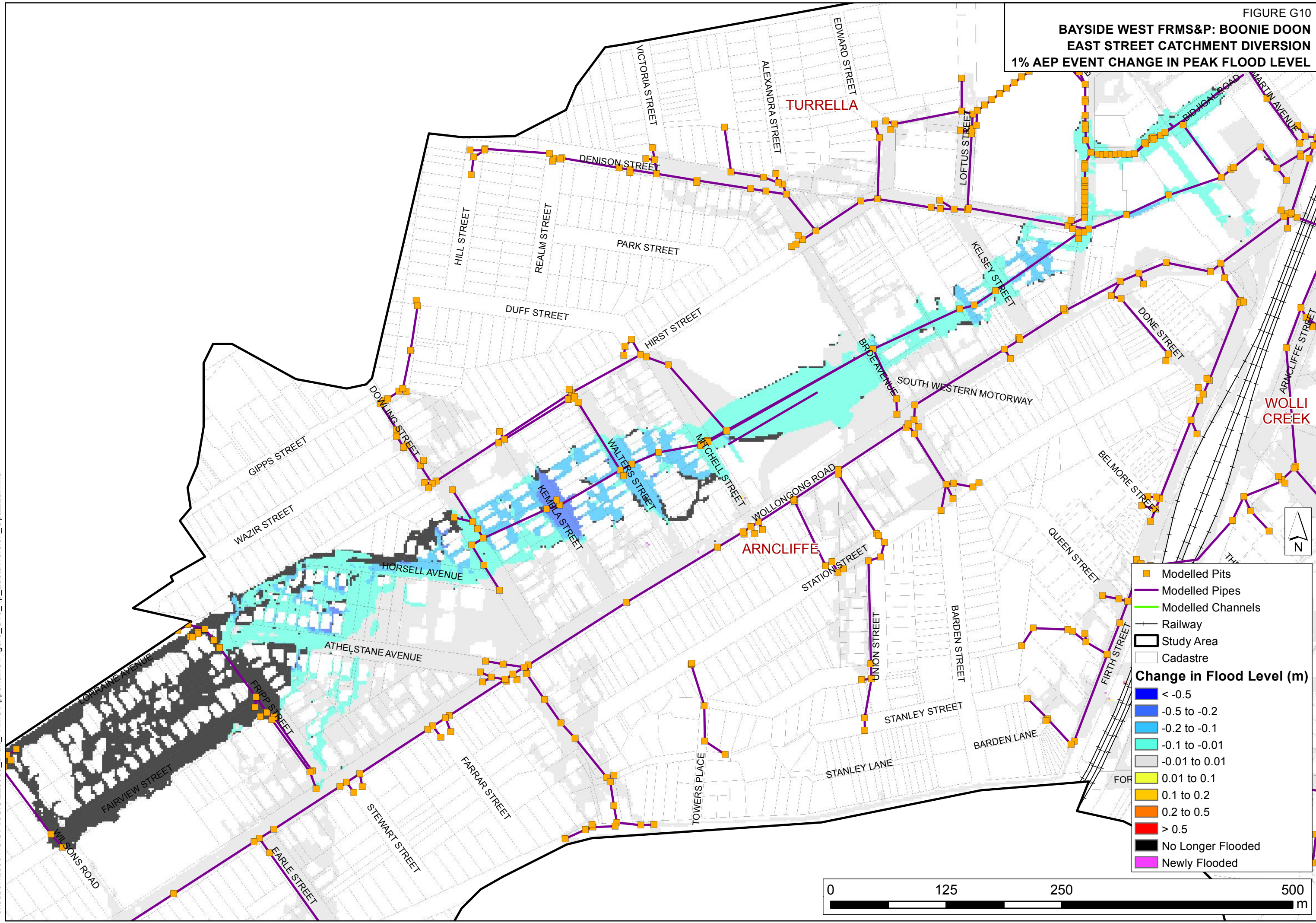
J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G09\_1p\_LustyDetention\_Opt205b.mxd





**BAYSIDE WEST FRMS&P: BOONIE DOON  
EAST STREET CATCHMENT DIVERSION  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

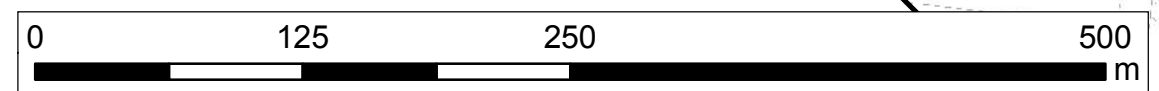
J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G10\_1p\_EastDiversion\_Opt222a.mxd



■ Modelled Pits  
— Modelled Pipes  
— Modelled Channels  
— Railway  
 Study Area  
 Cadastre

**Change in Flood Level (m)**

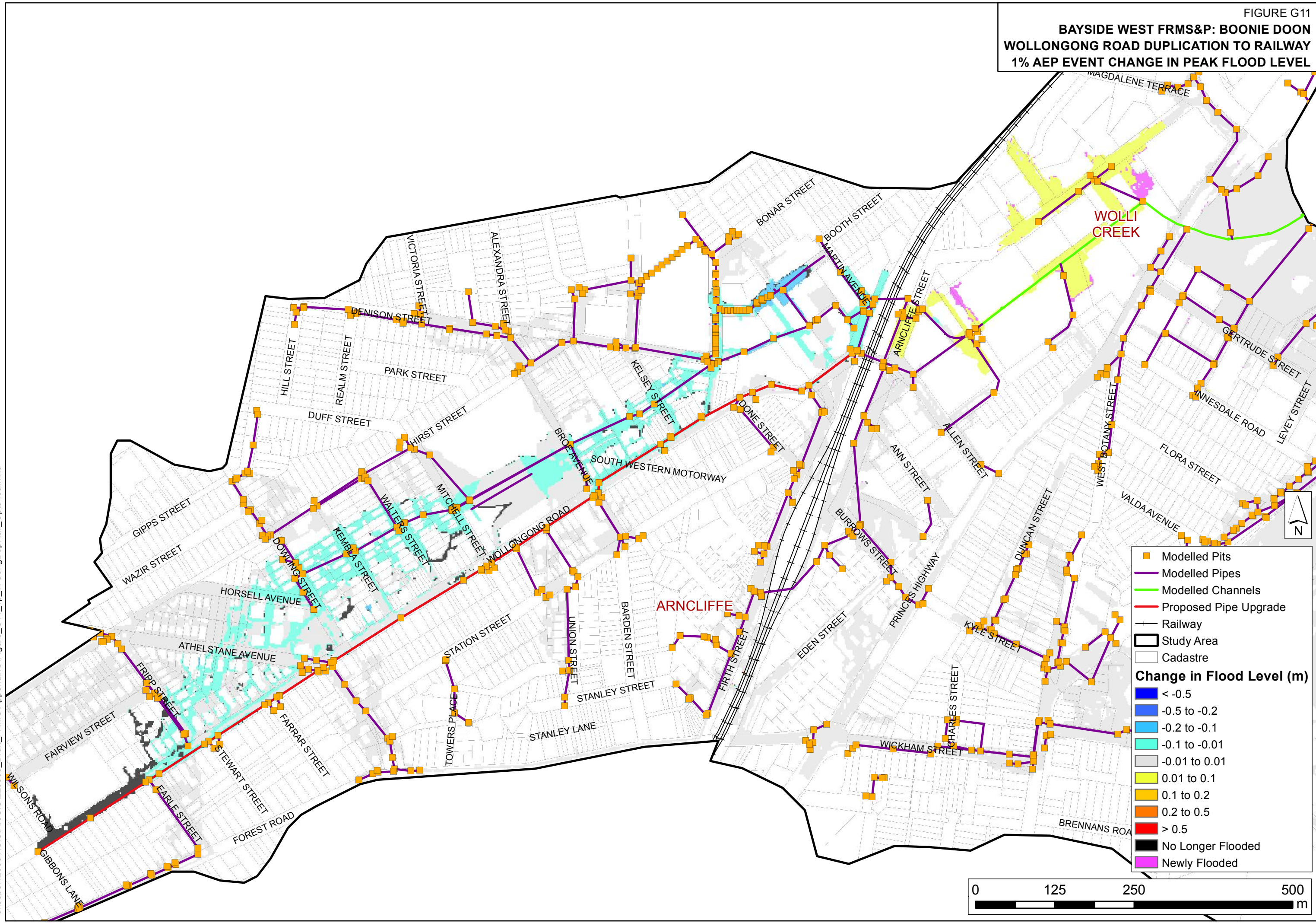
	< -0.5
	-0.5 to -0.2
	-0.2 to -0.1
	-0.1 to -0.01
	-0.01 to 0.01
	0.01 to 0.1
	0.1 to 0.2
	0.2 to 0.5
	> 0.5
	No Longer Flooded
	Newly Flooded



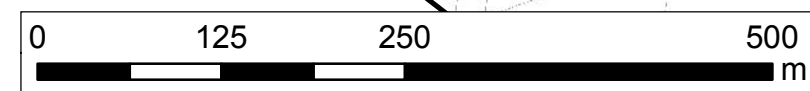


**BAYSIDE WEST FRMS&P: BOONIE DOON  
WOLLONGONG ROAD DUPLICATION TO RAILWAY  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G11\_1p\_WGongDupRail\_Opt046a.mxd



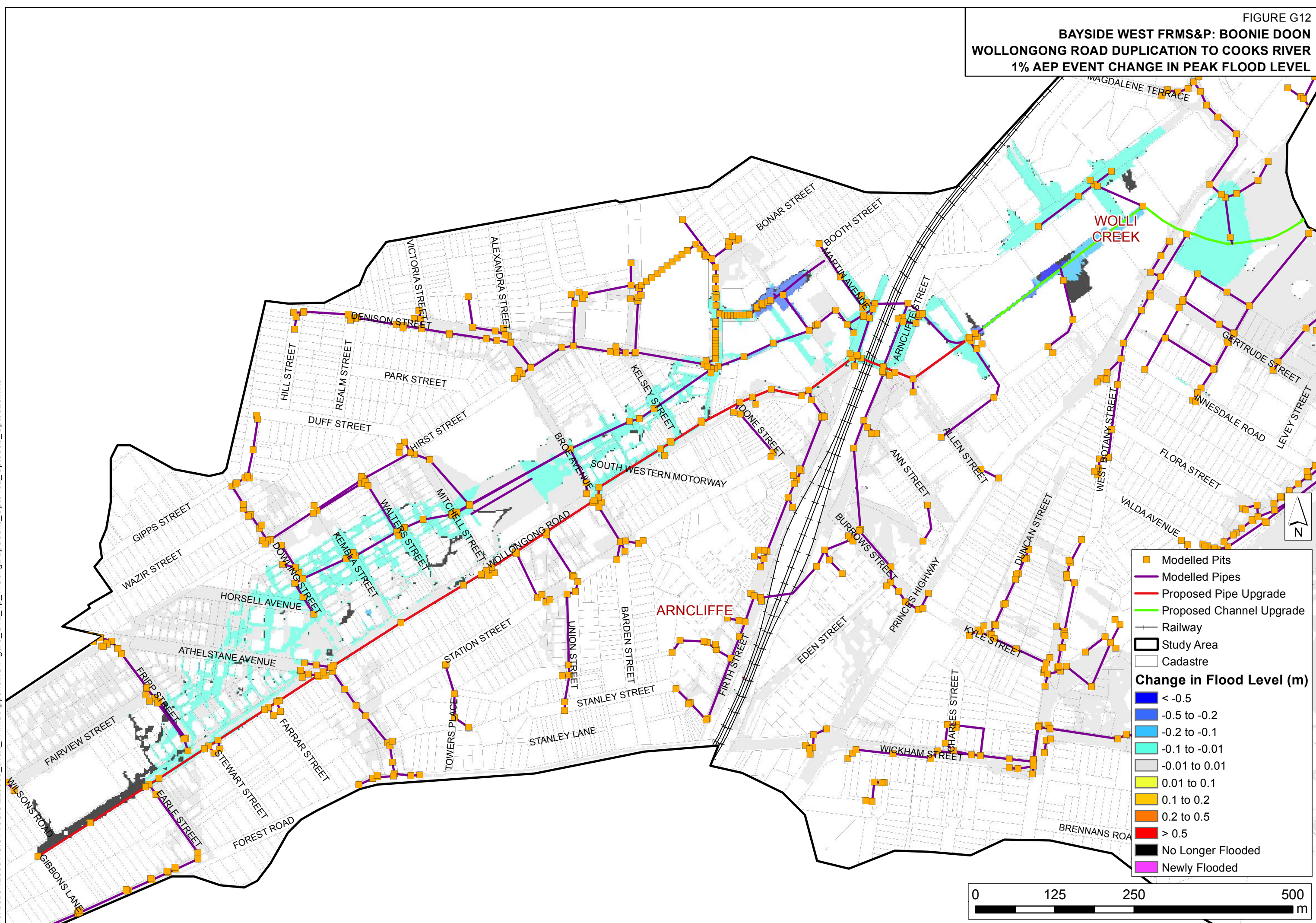
- Modelled Pits
  - Modelled Pipes
  - Modelled Channels
  - Proposed Pipe Upgrade
  - + Railway
  - ▭ Study Area
  - ▭ Cadastre
- Change in Flood Level (m)**
- <math>< -0.5</math>
  - -0.5 to -0.2
  - -0.2 to -0.1
  - -0.1 to -0.01
  - -0.01 to 0.01
  - 0.01 to 0.1
  - 0.1 to 0.2
  - 0.2 to 0.5
  - > 0.5
  - No Longer Flooded
  - Newly Flooded



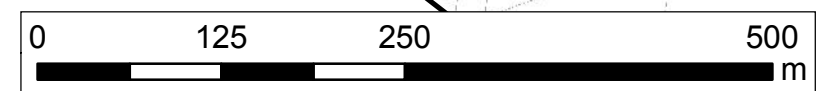


**BAYSIDE WEST FRMS&P: BOONIE DOON  
WOLLONGONG ROAD DUPLICATION TO COOKS RIVER  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

J:\Jobs\120061\GIS\ArcGIS\220909\_Draft\_FRMS\AppendixG\Figure\_G12\_1p\_WGongDupCooks\_Opt046a\_Opt052c.mxd



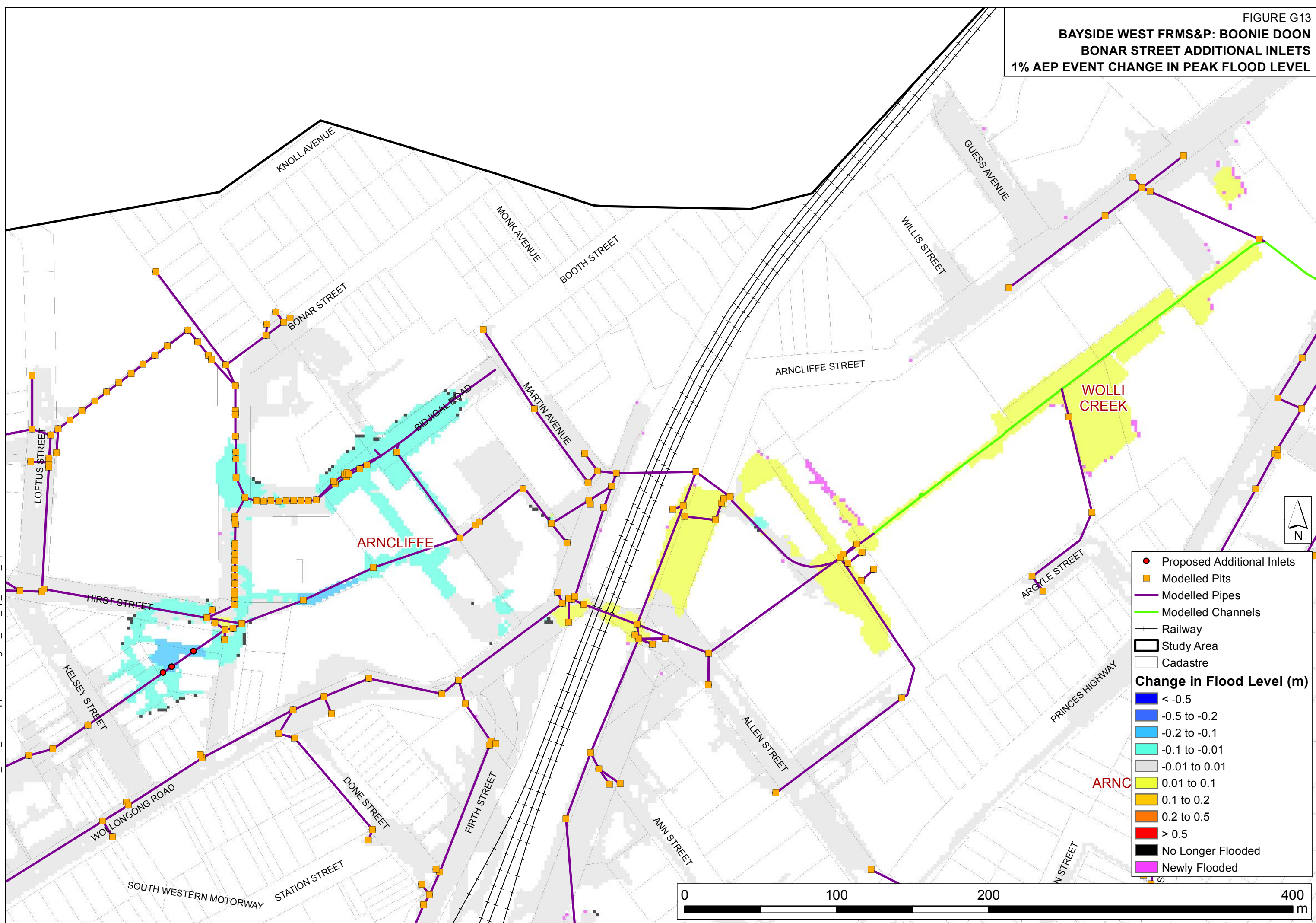
- Modelled Pits
- Modelled Pipes
- Proposed Pipe Upgrade
- Proposed Channel Upgrade
- Railway
- Study Area
- Cadastre
- Change in Flood Level (m)**
- <math>< -0.5</math>
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded



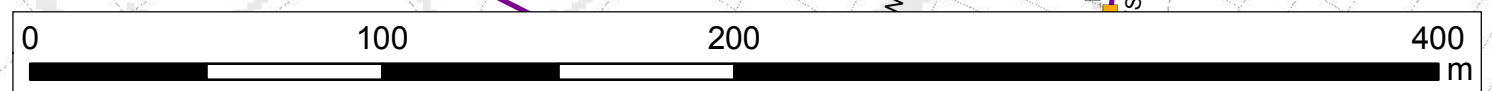


**BAYSIDE WEST FRMS&P: BOONIE DOON  
BONAR STREET ADDITIONAL INLETS  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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- Proposed Additional Inlets
- Modelled Pits
- Modelled Pipes
- Modelled Channels
- Railway
- ▭ Study Area
- ▭ Cadastre
- Change in Flood Level (m)**
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.01
- -0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





**BAYSIDE WEST FRMS&P: BOONIE DOON  
ARNCLIFFE STREET OVERLAND FLOWPATH  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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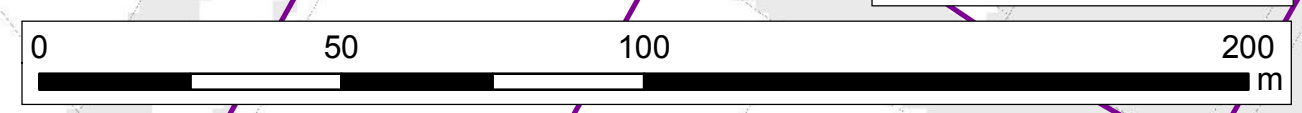
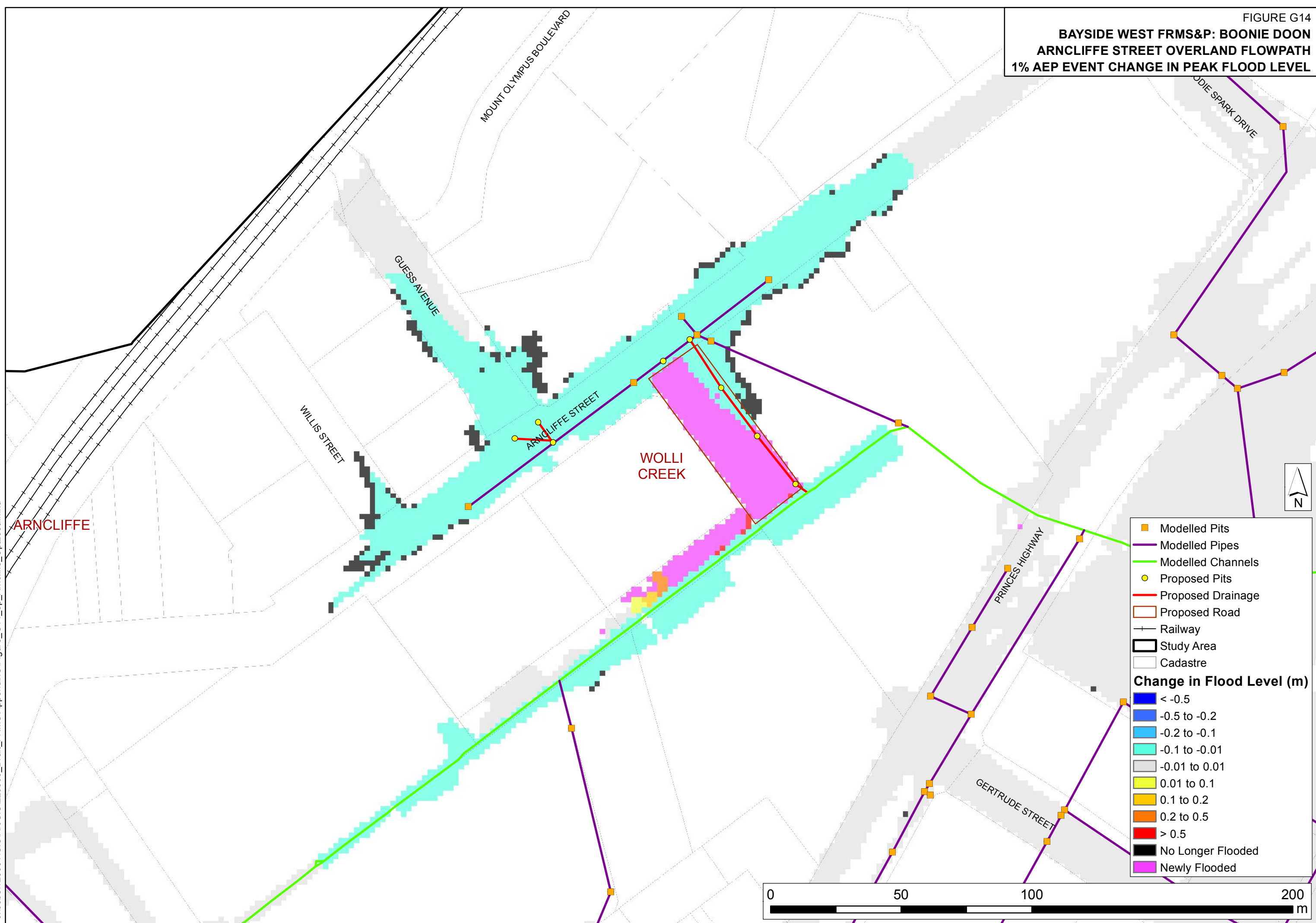
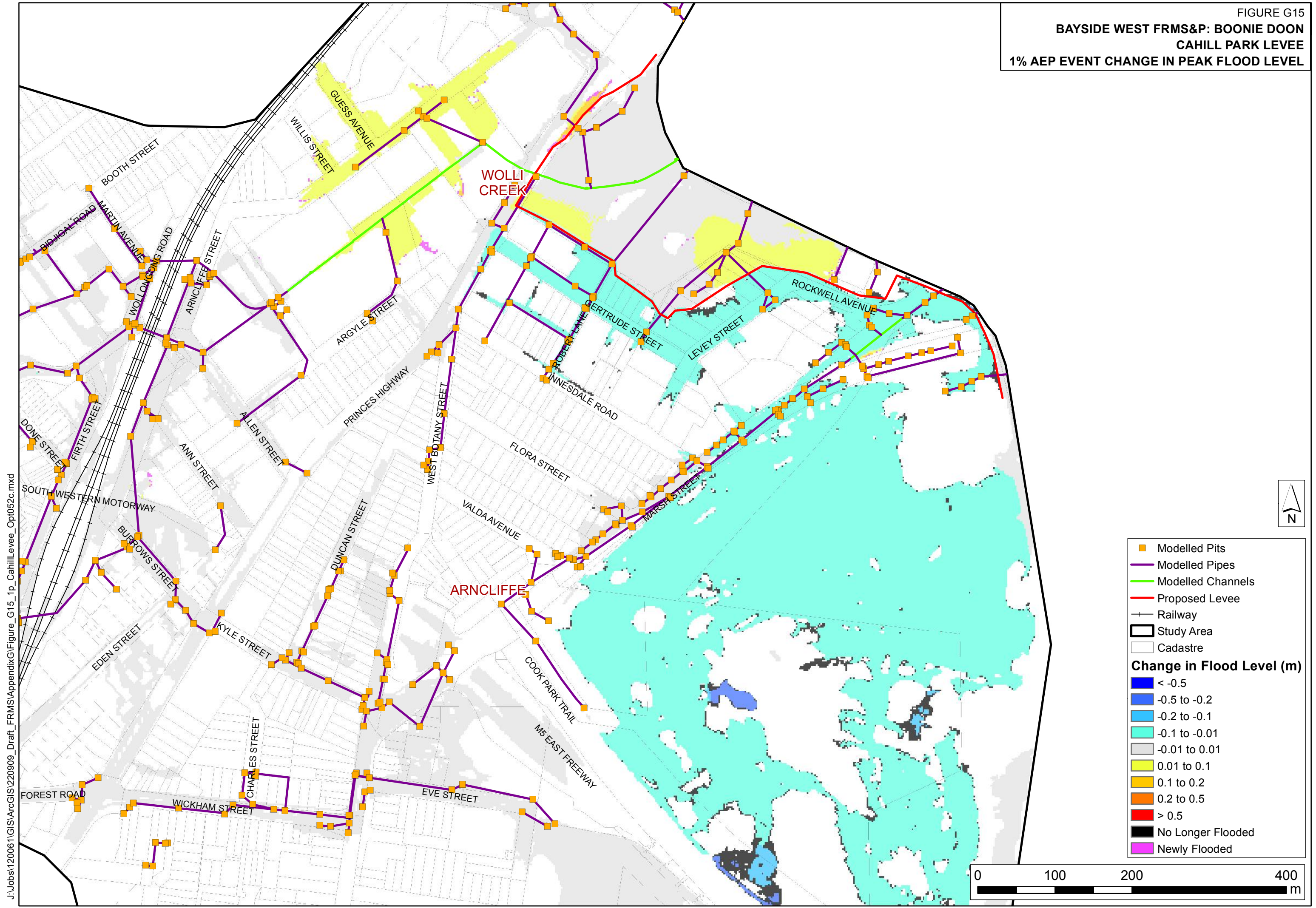
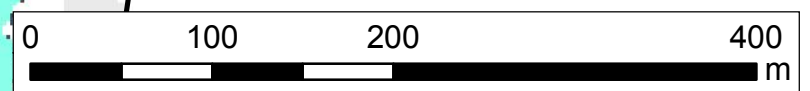




FIGURE G15  
**BAYSIDE WEST FRMS&P: BOONIE DOON**  
**CAHILL PARK LEVEL**  
**1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

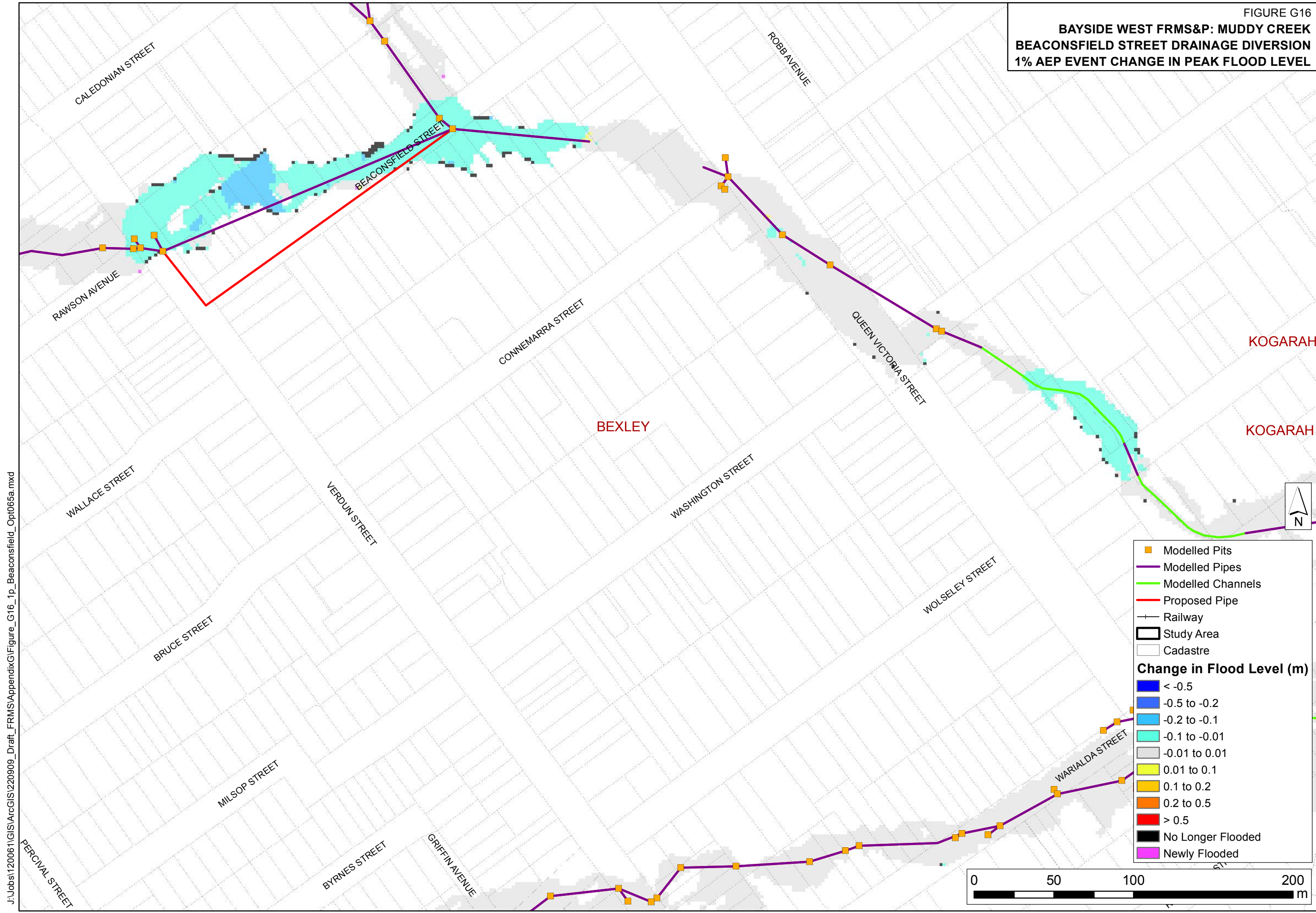


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**BAYSIDE WEST FRMS&P: MUDDY CREEK  
BEACONSFIELD STREET DRAINAGE DIVERSION  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

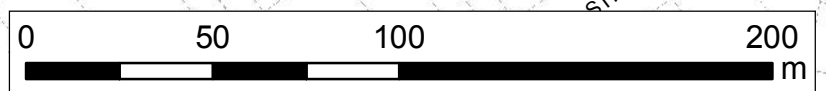


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- Modelled Pits
- Modelled Pipes
- Modelled Channels
- Proposed Pipe
- Railway
- Study Area
- Cadastre

**Change in Flood Level (m)**

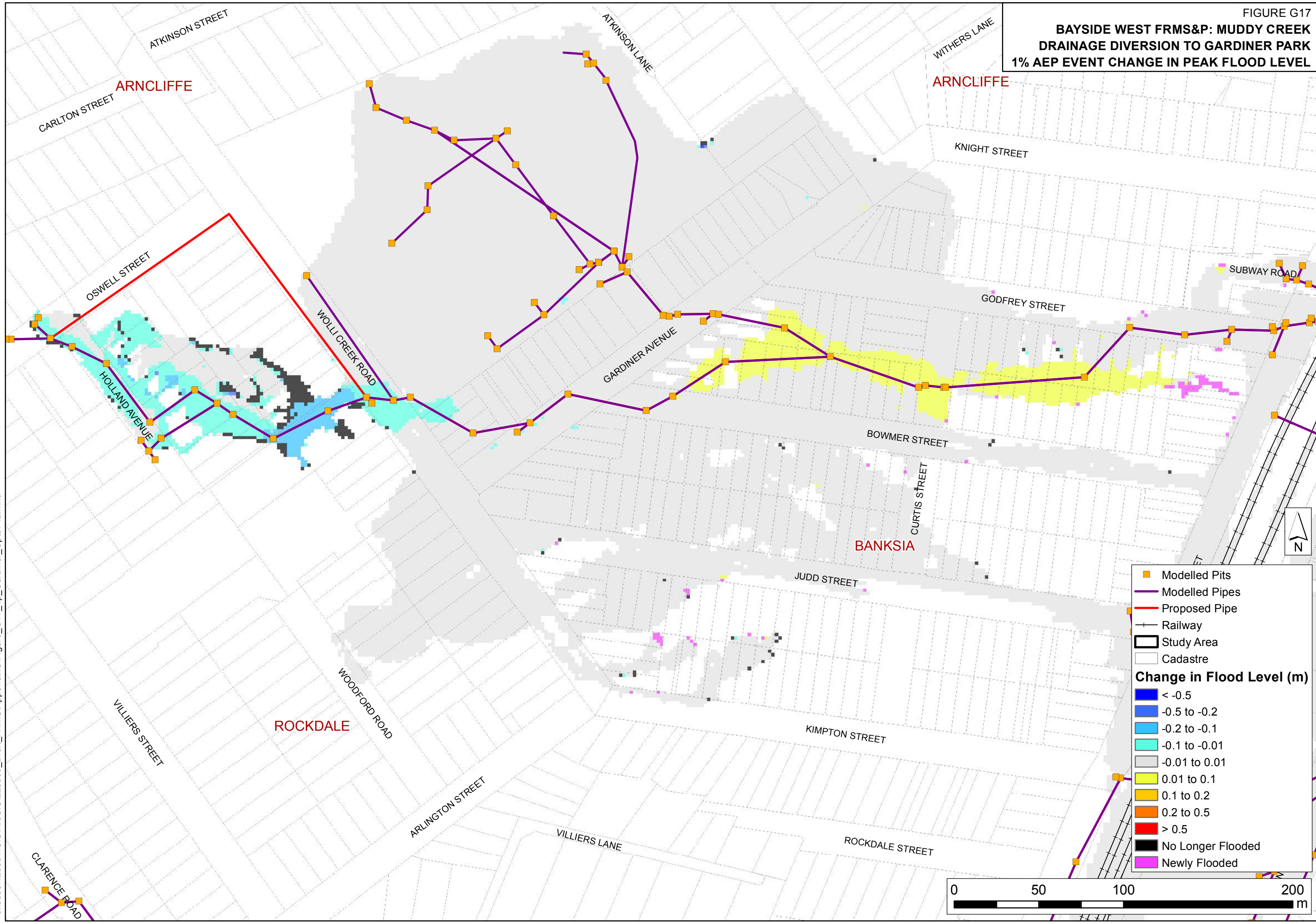
- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded



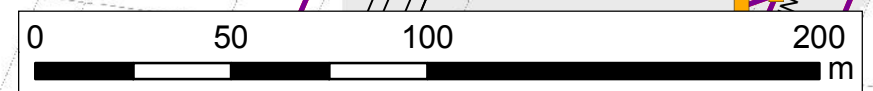


**BAYSIDE WEST FRMS&P: MUDDY CREEK  
DRAINAGE DIVERSION TO GARDINER PARK  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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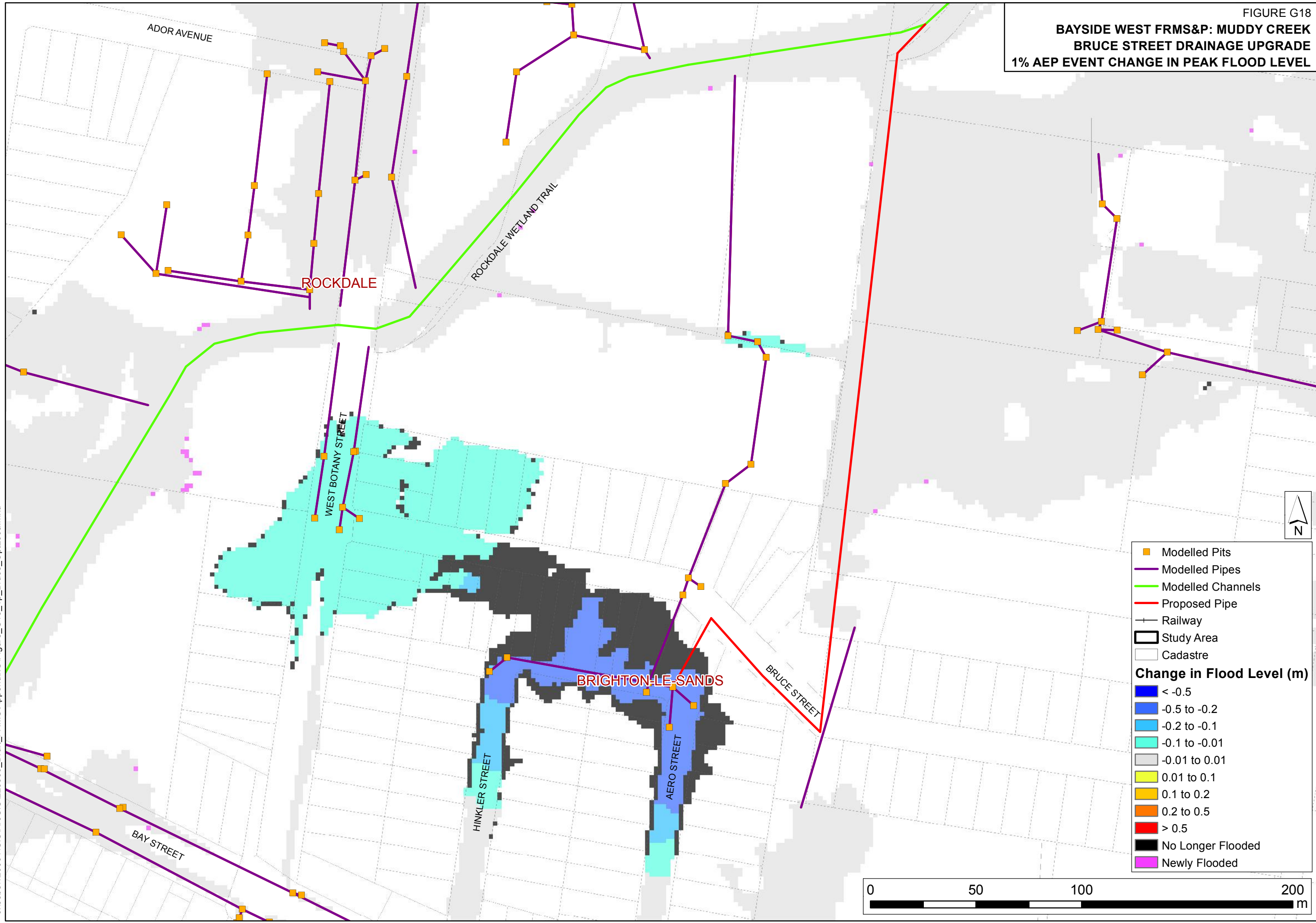
- Modelled Pits
- Modelled Pipes
- Proposed Pipe
- Railway
- Study Area
- Cadastre
- Change in Flood Level (m)**
- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





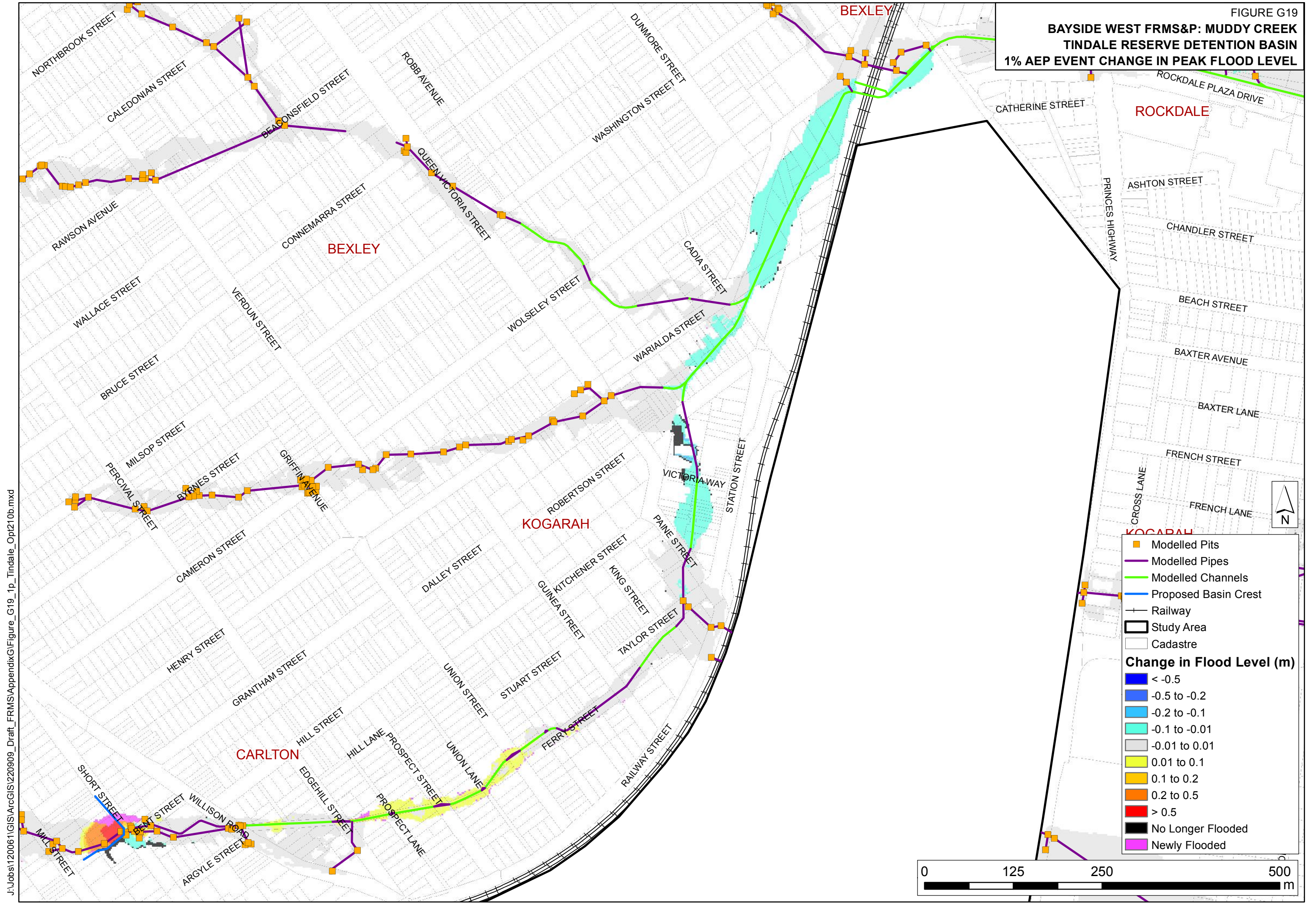
**BAYSIDE WEST FRMS&P: MUDDY CREEK  
BRUCE STREET DRAINAGE UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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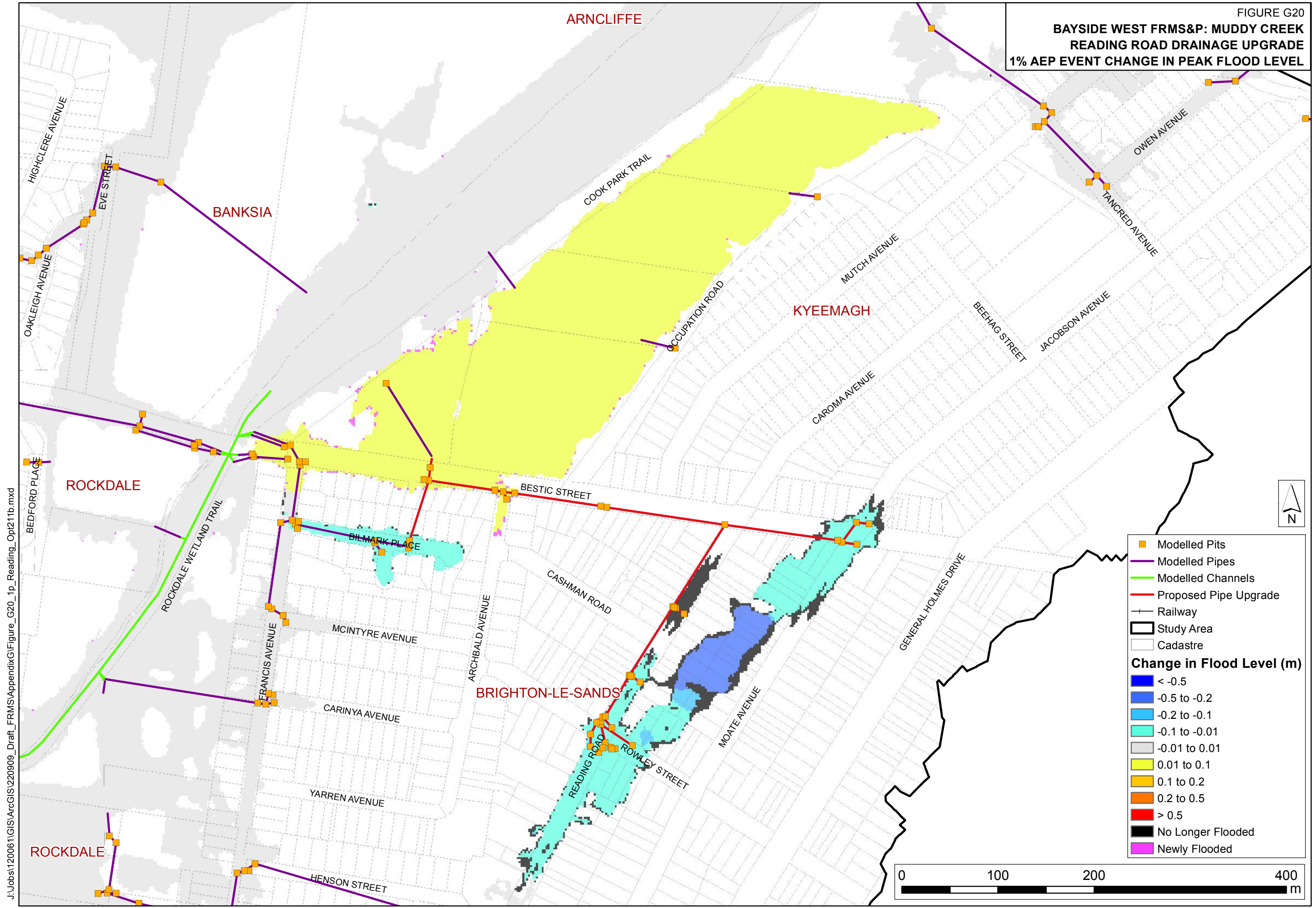


**BAYSIDE WEST FRMS&P: MUDDY CREEK  
TINDALE RESERVE DETENTION BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**





**BAYSIDE WEST FRMS&P: MUDDY CREEK  
READING ROAD DRAINAGE UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

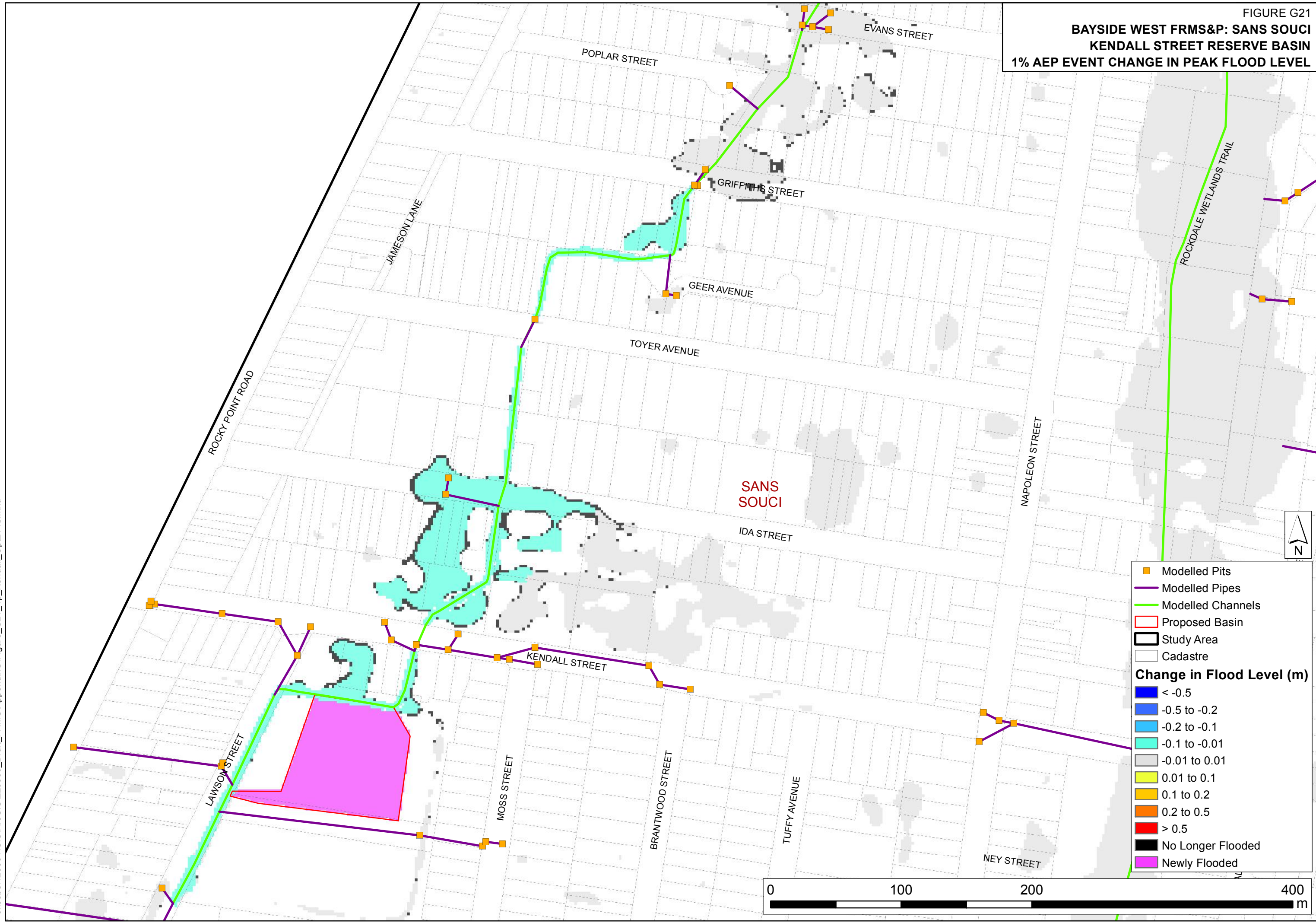


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**BAYSIDE WEST FRMS&P: SANS SOUCI  
KENDALL STREET RESERVE BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

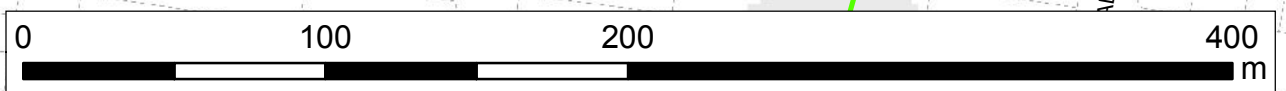
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- Modelled Pits
- Modelled Pipes
- Modelled Channels
- Proposed Basin
- Study Area
- Cadastre

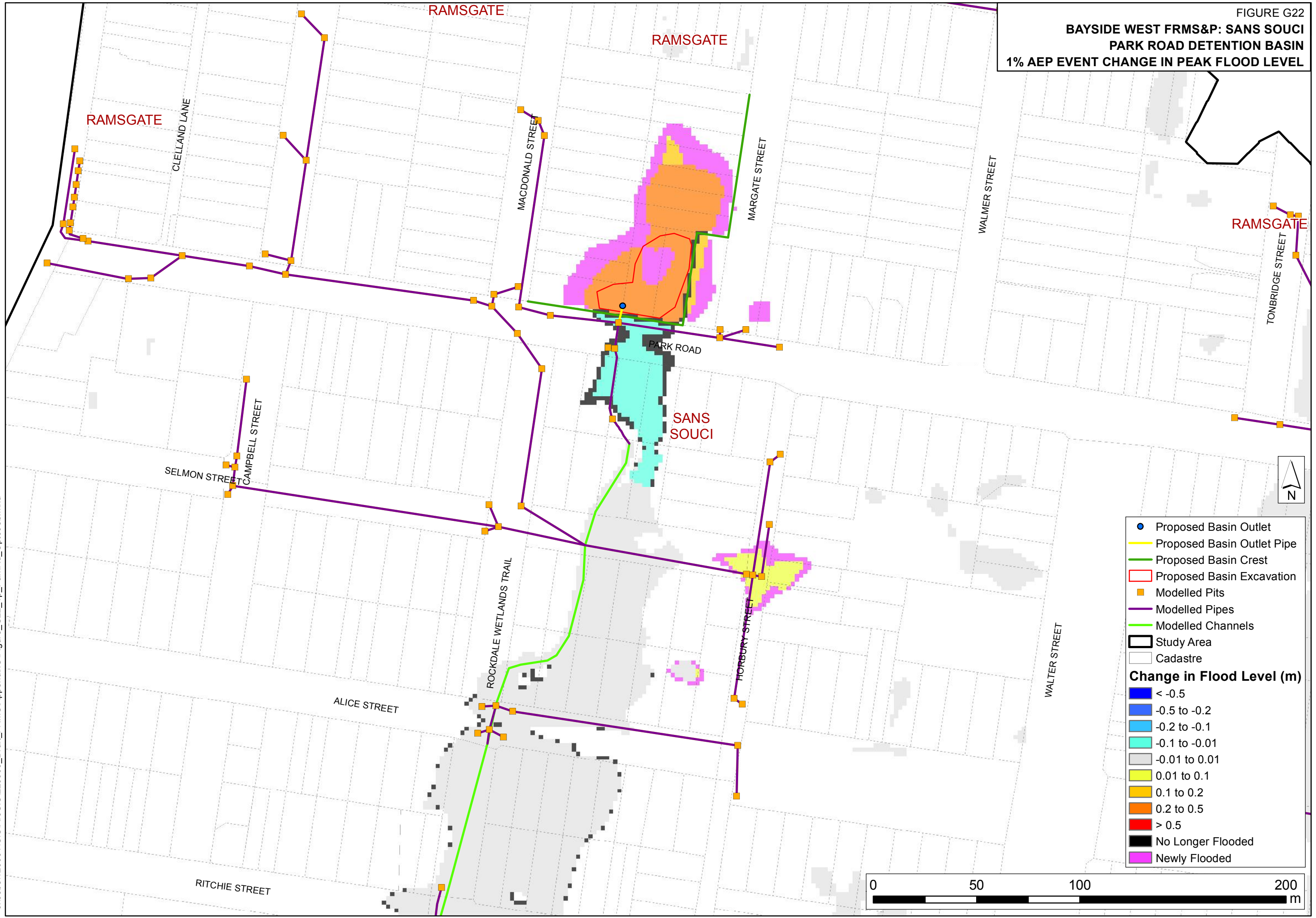
**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





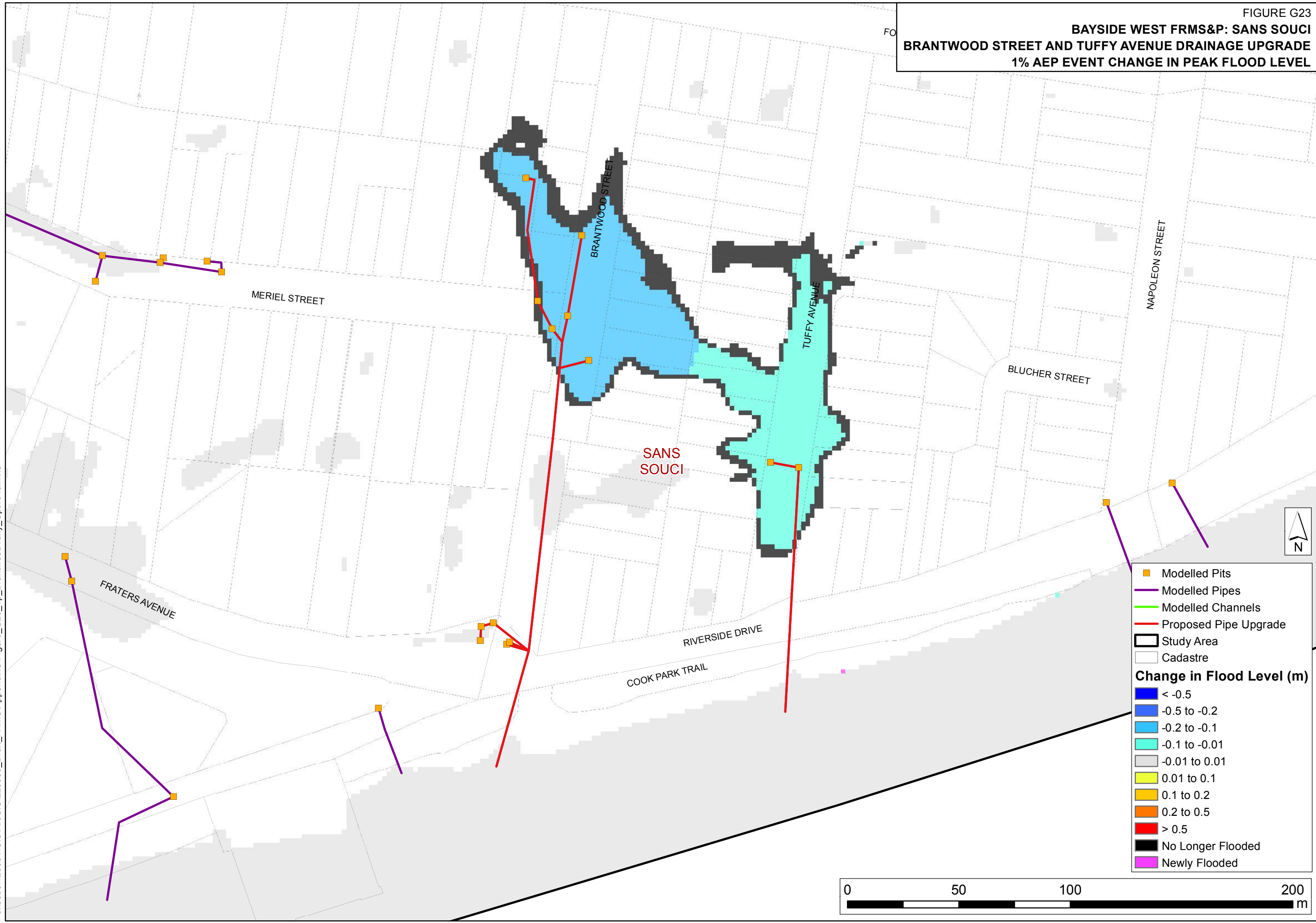
**BAYSIDE WEST FRMS&P: SANS SOUCI  
PARK ROAD DETENTION BASIN  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**





**BAYSIDE WEST FRMS&P: SANS SOUCI  
BRANTWOOD STREET AND TUFFY AVENUE DRAINAGE UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

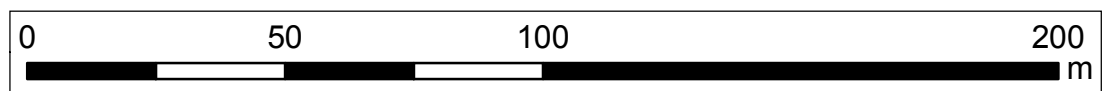
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- Modelled Pits
- Modelled Pipes
- Modelled Channels
- Proposed Pipe Upgrade
- Study Area
- Cadastre

**Change in Flood Level (m)**

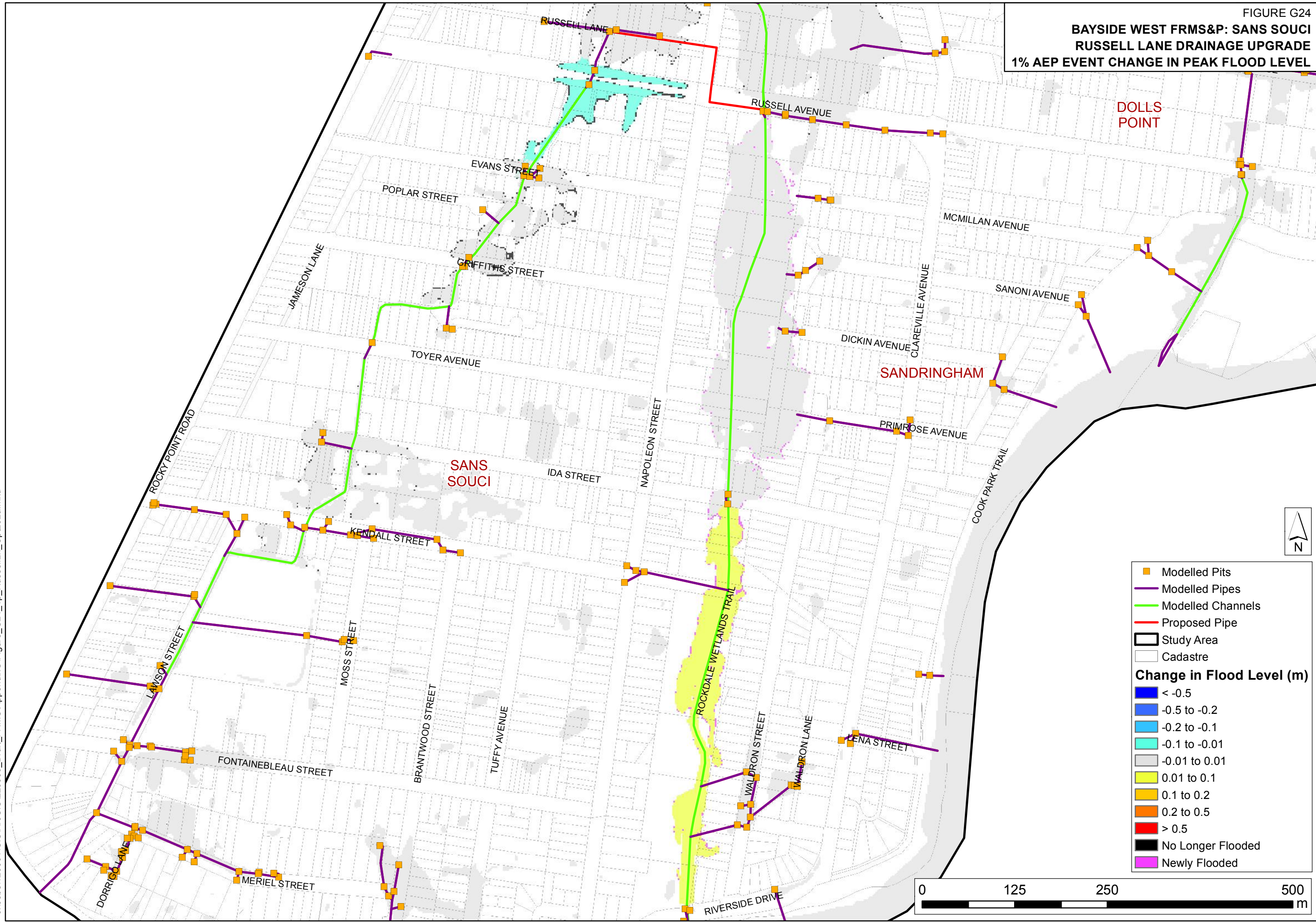
- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded





**BAYSIDE WEST FRMS&P: SANS SOUCI  
RUSSELL LANE DRAINAGE UPGRADE  
1% AEP EVENT CHANGE IN PEAK FLOOD LEVEL**

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DOLLS POINT

SANDRINGHAM

SANS SOUCI

- Modelled Pits
- Modelled Pipes
- Modelled Channels
- Proposed Pipe
- Study Area
- Cadastre

**Change in Flood Level (m)**

- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.01
- 0.01 to 0.01
- 0.01 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- No Longer Flooded
- Newly Flooded

