Wallarah Creek Catchment

Floodplain Risk Management Study & Draft Plan

Final Draft Report

Volume 2 of 2: Figures

Revision 2
October 2020

Catchment Simulation Solutions

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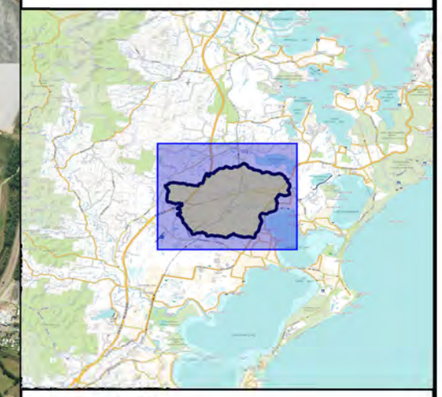
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Central Coast Council



LEGEND

- Catchment Boundary
- Railway
- Waterways

N
W E
S

Scale 1:28,000 (at A3)

0 0.5 1.0

Km

Figure 1: Wallarah Creek Catchment

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File Name: Fig1 - Wallarah Creek Catchment.wor

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Elevation (mAHD)

- Less than 0
- 15
- 30
- 45
- 60
- Greater than 75

N
W E
S

Scale 1:28,000 (at A3)

0 0.5 1.0

Km

Figure 2: Digital Elevation Model

Prepared By:

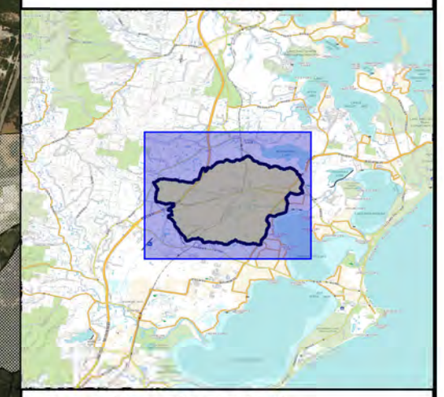
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File Name: Fig2 - Digital Elevation Model.wor

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Elevation (mAHD)

- 1 Aboriginal heritage site
- Aboriginal Land Claims
- Endangered Ecological Communities
- Coastal Environmental Area
- Coastal Wetland and Proximity Area

Acid Sulphate Soil Class

- Class 1
- Class 2
- Class 3
- Class 4
- Class 5

N

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Scale 1:28,000 (at A3)

0 0.5 1.0

Km

Figure 3: Environmental and Heritage Constraint

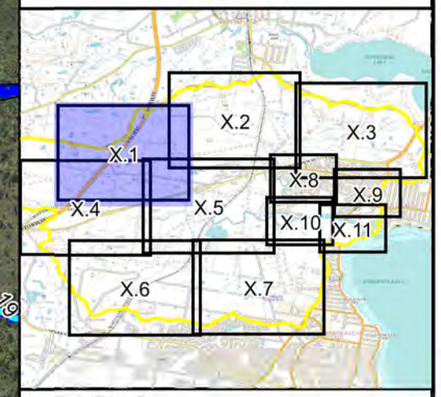
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File Name: Fig3 - Environmental and Heritage Constraint.wor

FLOODWATER DEPTH MAPS

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

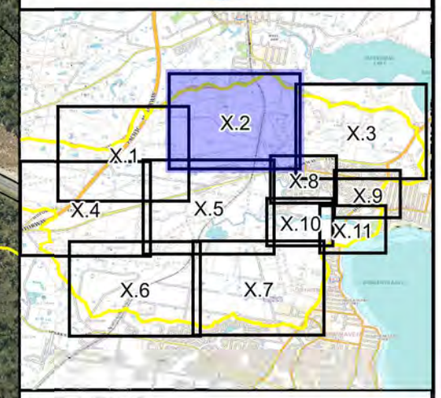
Figure 4.1: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.1 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

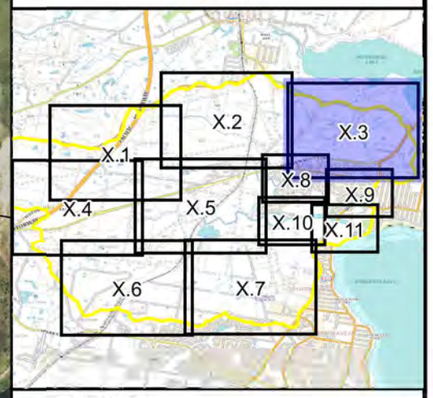
Figure 4.2: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.2 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

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S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

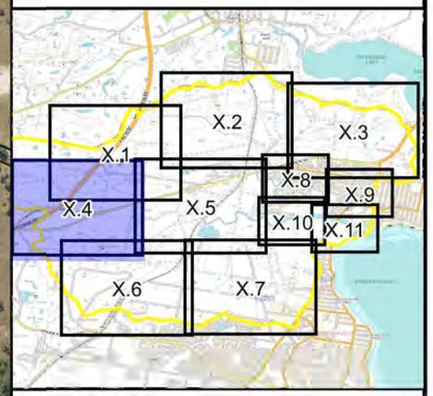
Figure 4.3: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.3 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

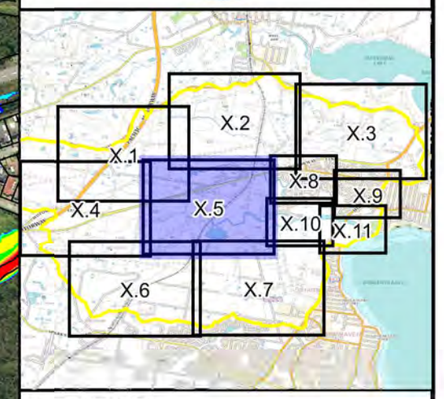
Km

Figure 4.4: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.4 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

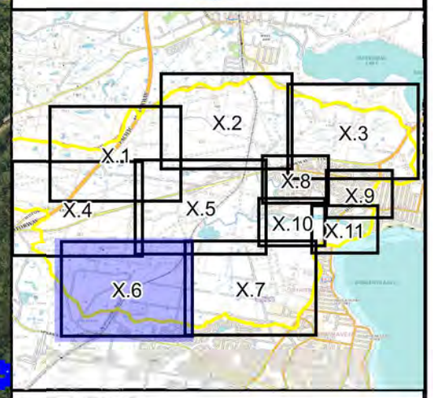
Figure 4.5: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.5 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

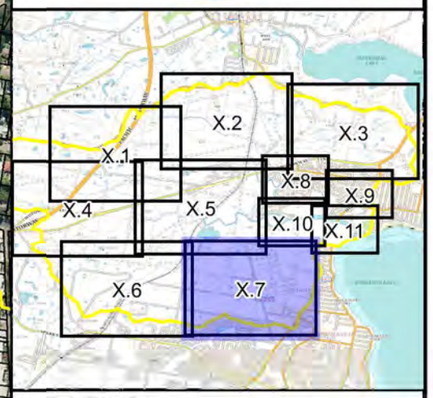
Km

Figure 4.6: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.6 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

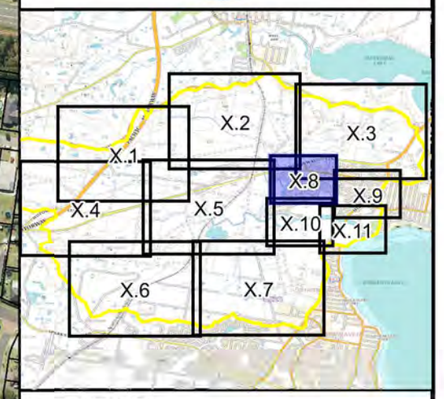
0 0.2 0.4 Km

Figure 4.7: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.7 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 4.8: Peak Floodwater Depths for the 20% AEP Flood

Prepared By:

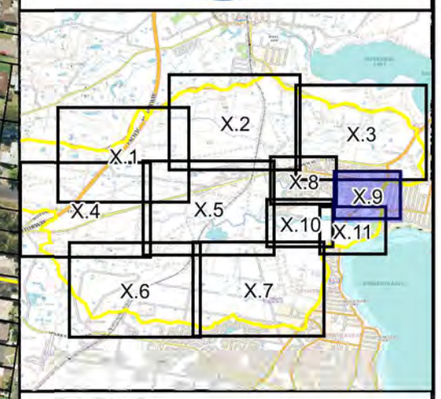
Catchment Simulation Solutions
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File Name: Fig4.8 - Peak Floodwater Depth for the 20% AEP Flood.wor

Roper Road

St Lawerence Avenue

Pacific Hwy



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

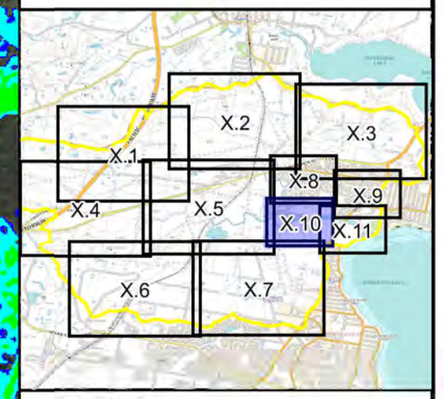
Figure 4.9: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.9 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

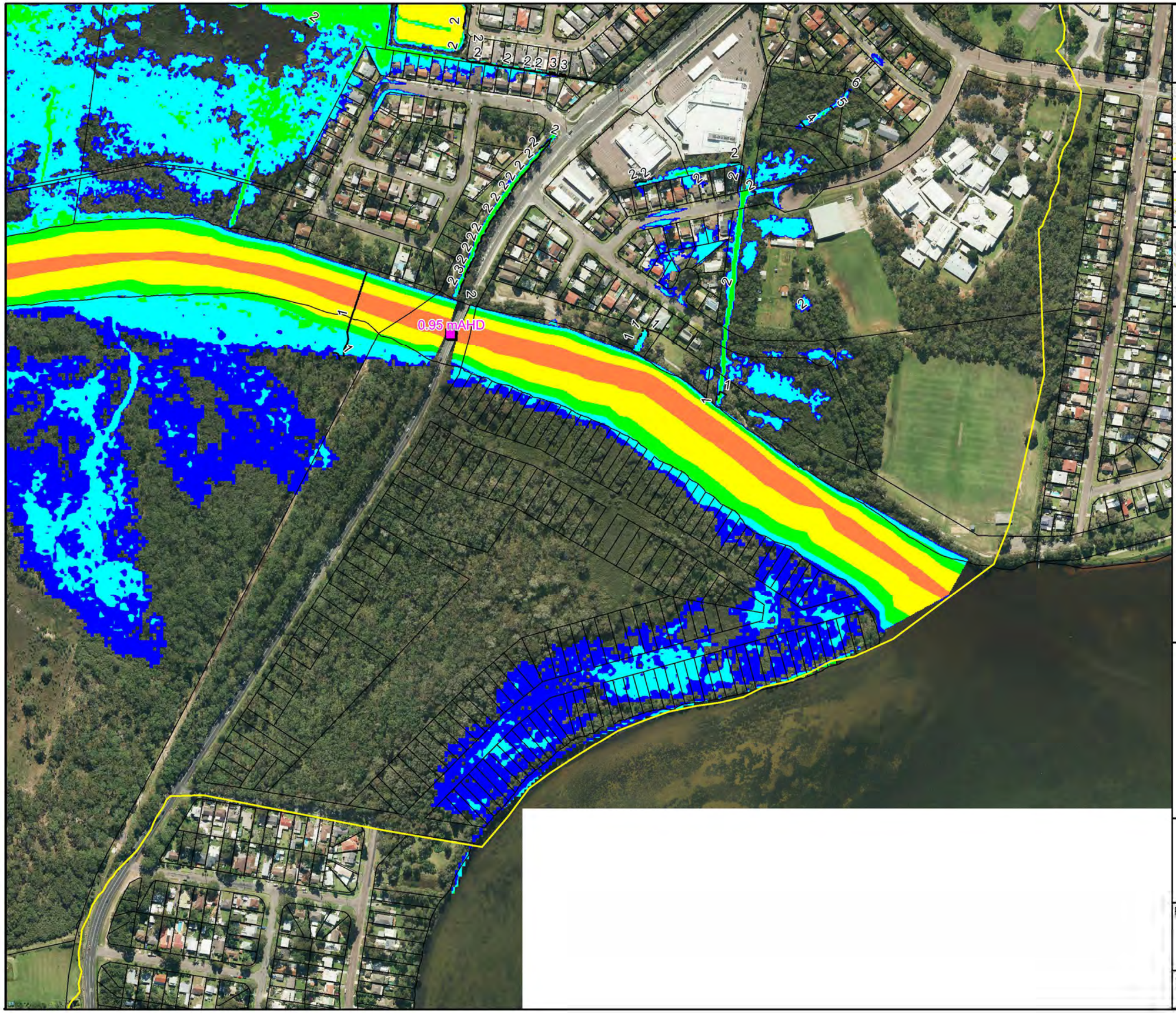
Km

Figure 4.10: Peak Floodwater Depths for the 20% AEP Flood

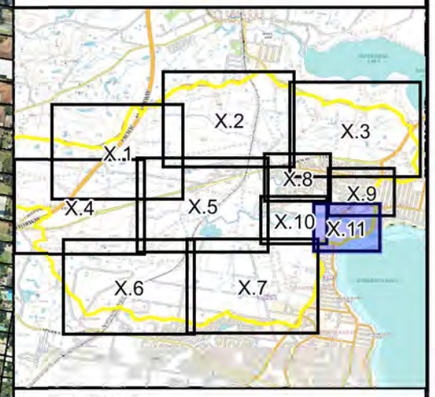
Prepared By:

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File Name: Fig4.10 - Peak Floodwater Depth for the 20% AEP Flood.wor



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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

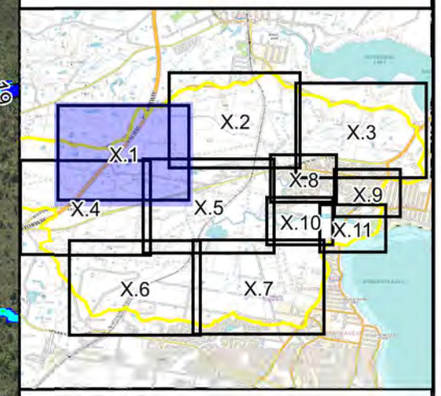
Figure 4.11: Peak Floodwater Depths for the 20% AEP Flood

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File Name: Fig4.11 - Peak Floodwater Depth for the 20% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Figure 5.1: Peak Floodwater Depths for the 5% AEP Flood

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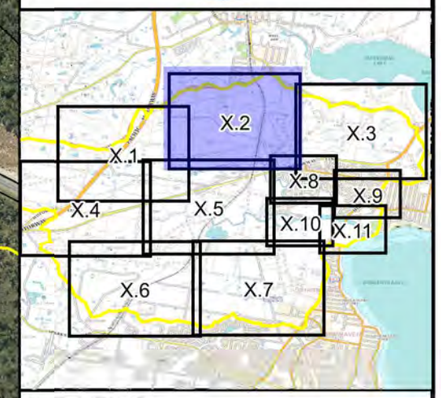
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File Name: Fig5.1 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

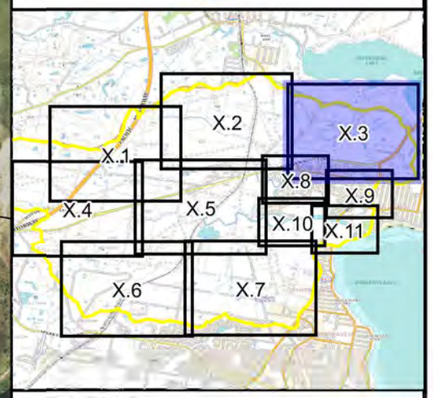
Figure 5.2: Peak Floodwater Depths for the 5% AEP Flood

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File Name: Fig5.2 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Doyalson Link Road

Roper Road

Colorado Drive

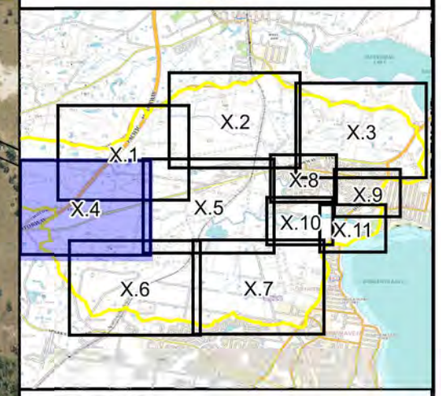
Figure 5.3: Peak Floodwater Depths for the 5% AEP Flood

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File Name: Fig5.3 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

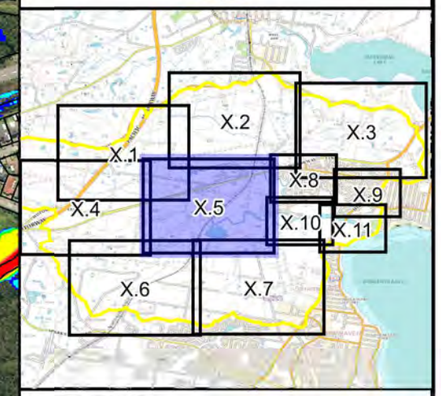
Figure 5.4: Peak Floodwater Depths for the 5% AEP Flood

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File Name: Fig5.4 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
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Scale 1:8,000 (at A3)

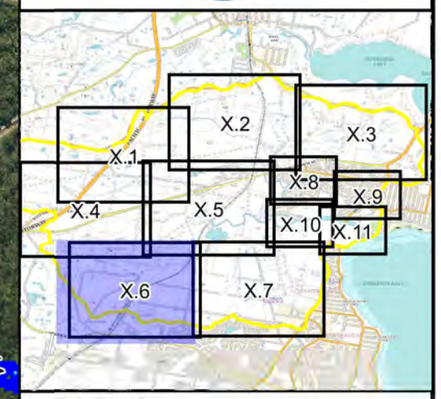
0 0.2 0.4 Km

Figure 5.5: Peak Floodwater Depths for the 5% AEP Flood

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File Name: Fig5.5 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

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S

Scale 1:8,000 (at A3)

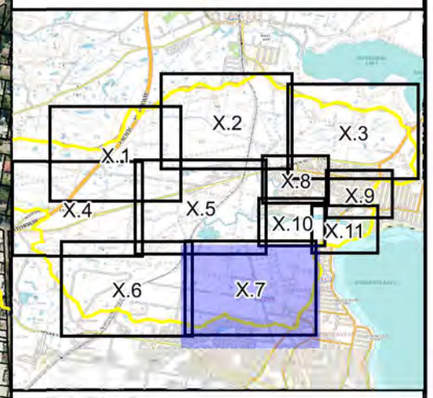
0 0.2 0.4 Km

Figure 5.6: Peak Floodwater Depths for the 5% AEP Flood

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File Name: Fig5.6 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

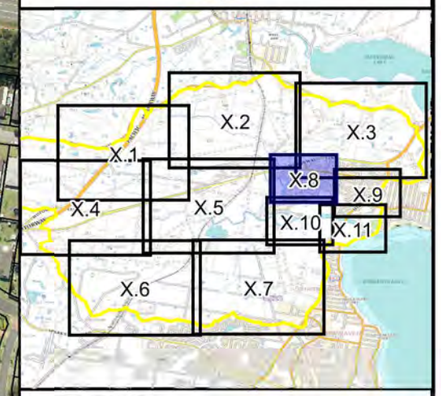
0 0.2 0.4 Km

Figure 5.7: Peak Floodwater Depths for the 5% AEP Flood

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Sydney, NSW 2000

File Name: Fig5.7 - Peak Floodwater Depth for the 5% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

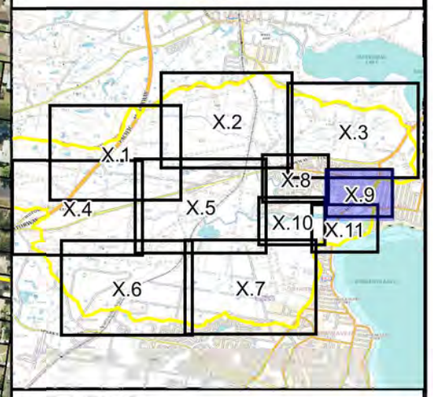
Figure 5.8: Peak Floodwater Depths for the 5% AEP Flood

Prepared By:
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Sydney, NSW 2000

File Name: Fig5.8 - Peak Floodwater Depth for the 5% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

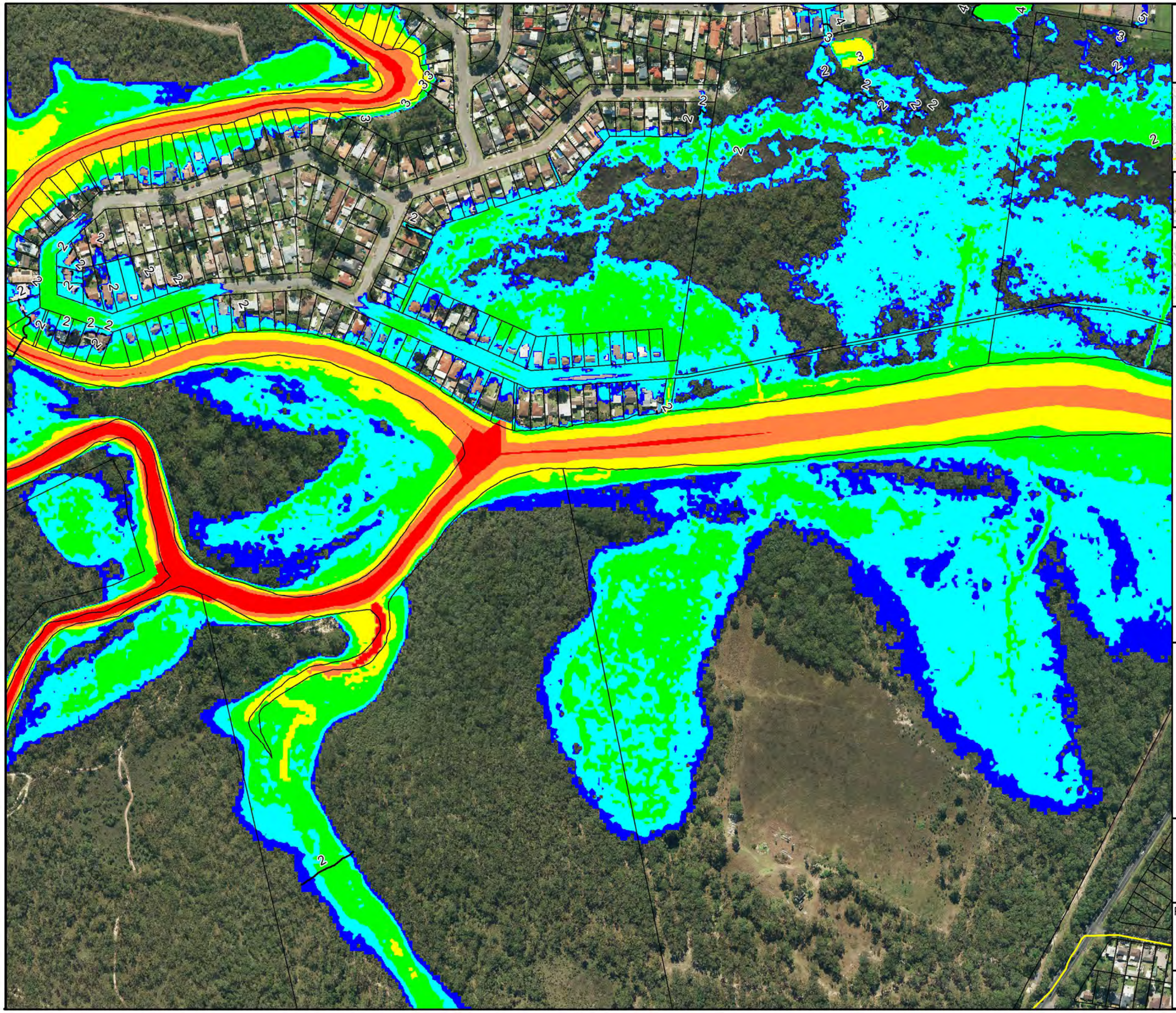
0 0.1 0.2 Km

Figure 5.9: Peak Floodwater Depths for the 5% AEP Flood

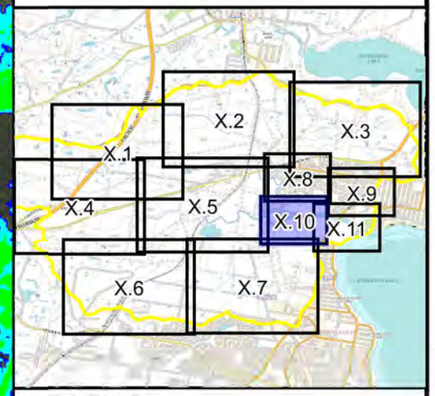
Prepared By:

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Sydney, NSW 2000

File Name: Fig5.9 - Peak Floodwater Depth for the 5% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

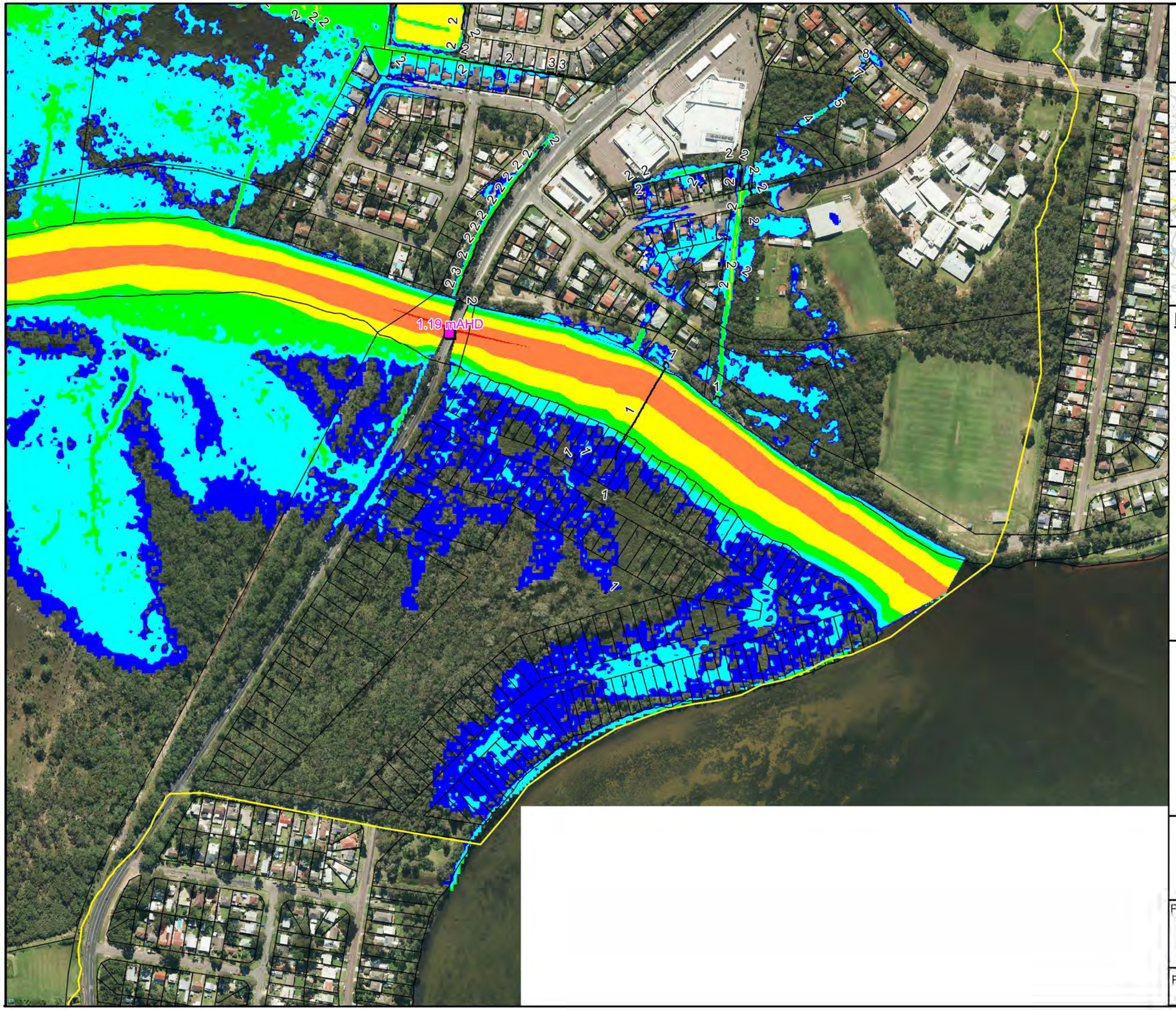
Km

Figure 5.10: Peak Floodwater Depths for the 5% AEP Flood

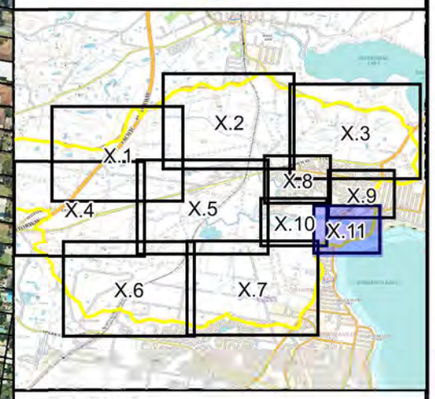
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.10 - Peak Floodwater Depth for the 5% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

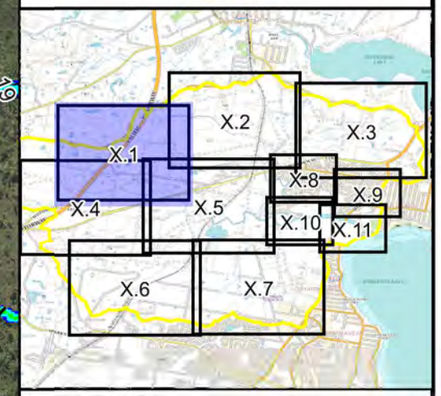
Figure 5.11: Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.11 - Peak Floodwater Depth for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

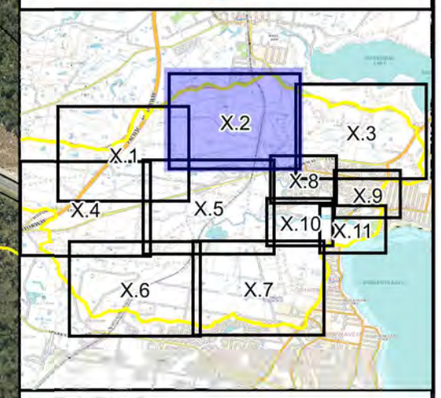
0 0.2 0.4 Km

Figure 6.1: Peak Floodwater Depths for the 1% AEP Flood

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File Name: Fig6.1 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

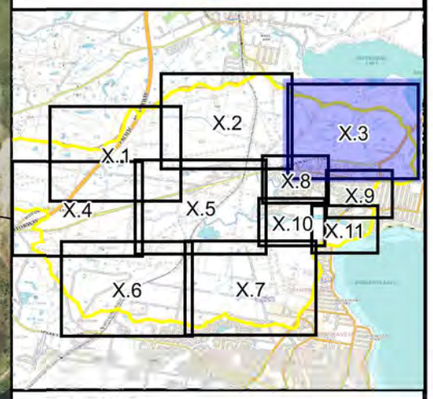
Figure 6.2: Peak Floodwater Depths for the 1% AEP Flood

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.2 - Peak Floodwater Depth for the 1% AEP Flood.wor

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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Figure 6.3: Peak Floodwater Depths for the 1% AEP Flood

Prepared By:

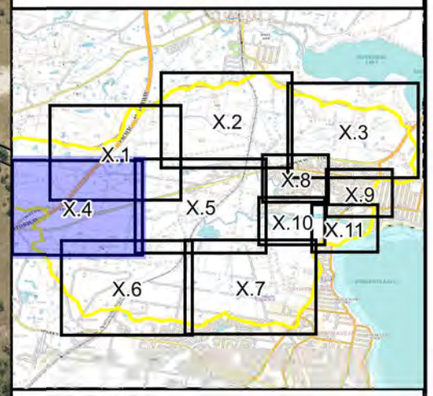
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.3 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council

Pacific Motorway

Bushells Ridge



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

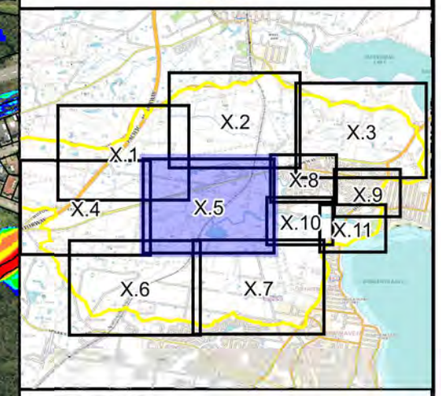
Figure 6.4: Peak Floodwater Depths for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.4 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N W E S

Scale 1:8,000 (at A3)

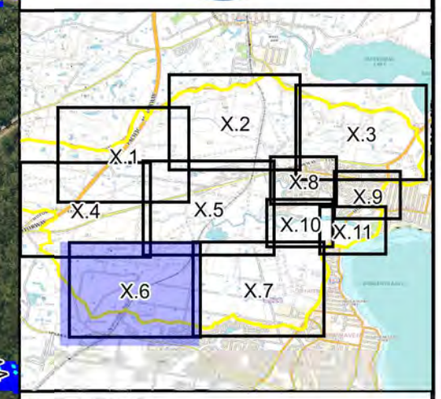
0 0.2 0.4 Km

Figure 6.5: Peak Floodwater Depths for the 1% AEP Flood

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Suite 2.01, 210 George St
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File Name: Fig6.5 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

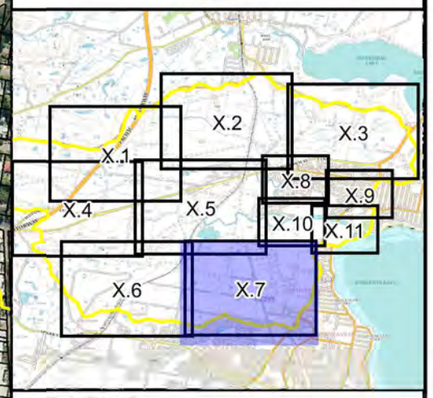
0 0.2 0.4 Km

Figure 6.6: Peak Floodwater Depths for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.6 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

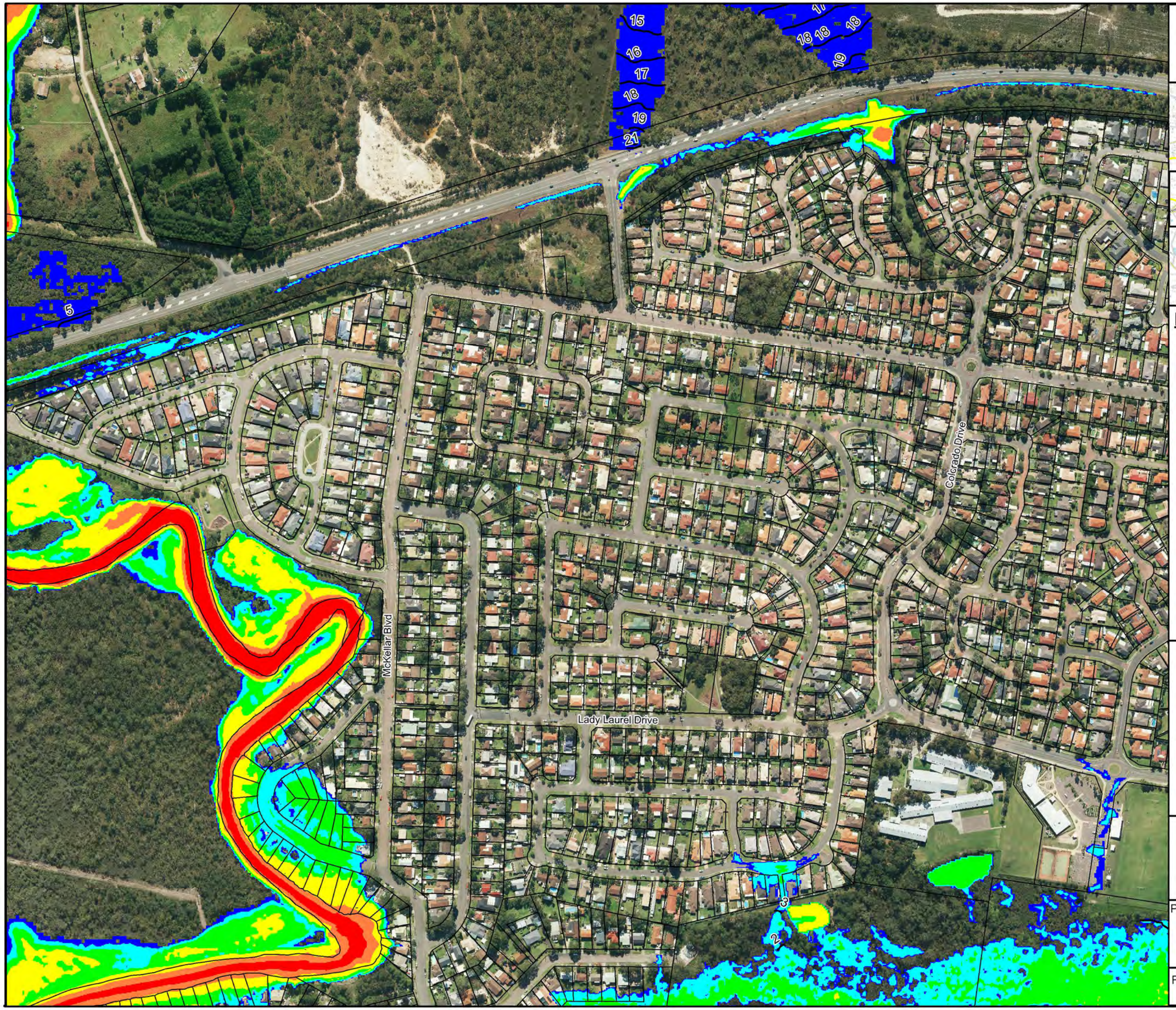
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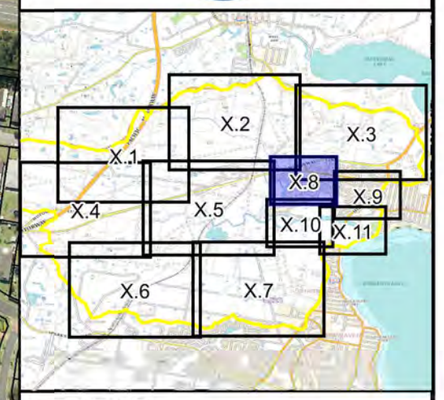
0 0.2 0.4 Km

Figure 6.7: Peak Floodwater Depths for the 1% AEP Flood

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Sydney, NSW 2000

File Name: Fig6.7 - Peak Floodwater Depth for the 1% AEP Flood.wor





Central Coast Council

LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 6.8: Peak Floodwater Depths for the 1% AEP Flood

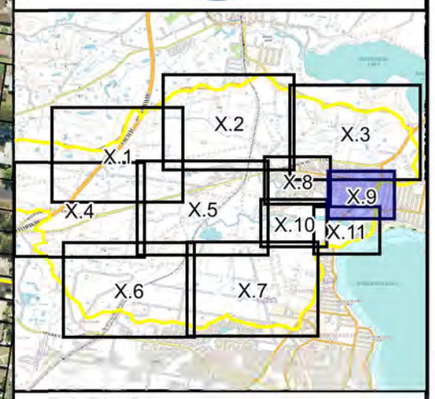
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.8 - Peak Floodwater Depth for the 1% AEP Flood.wor



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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

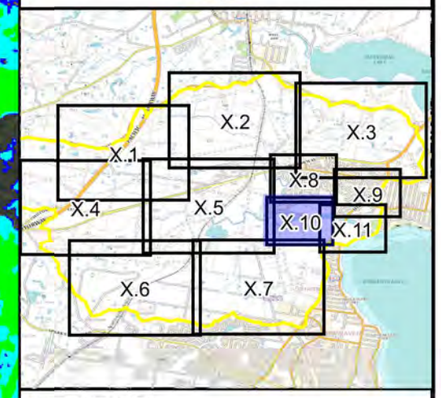
Figure 6.9: Peak Floodwater Depths for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.9 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

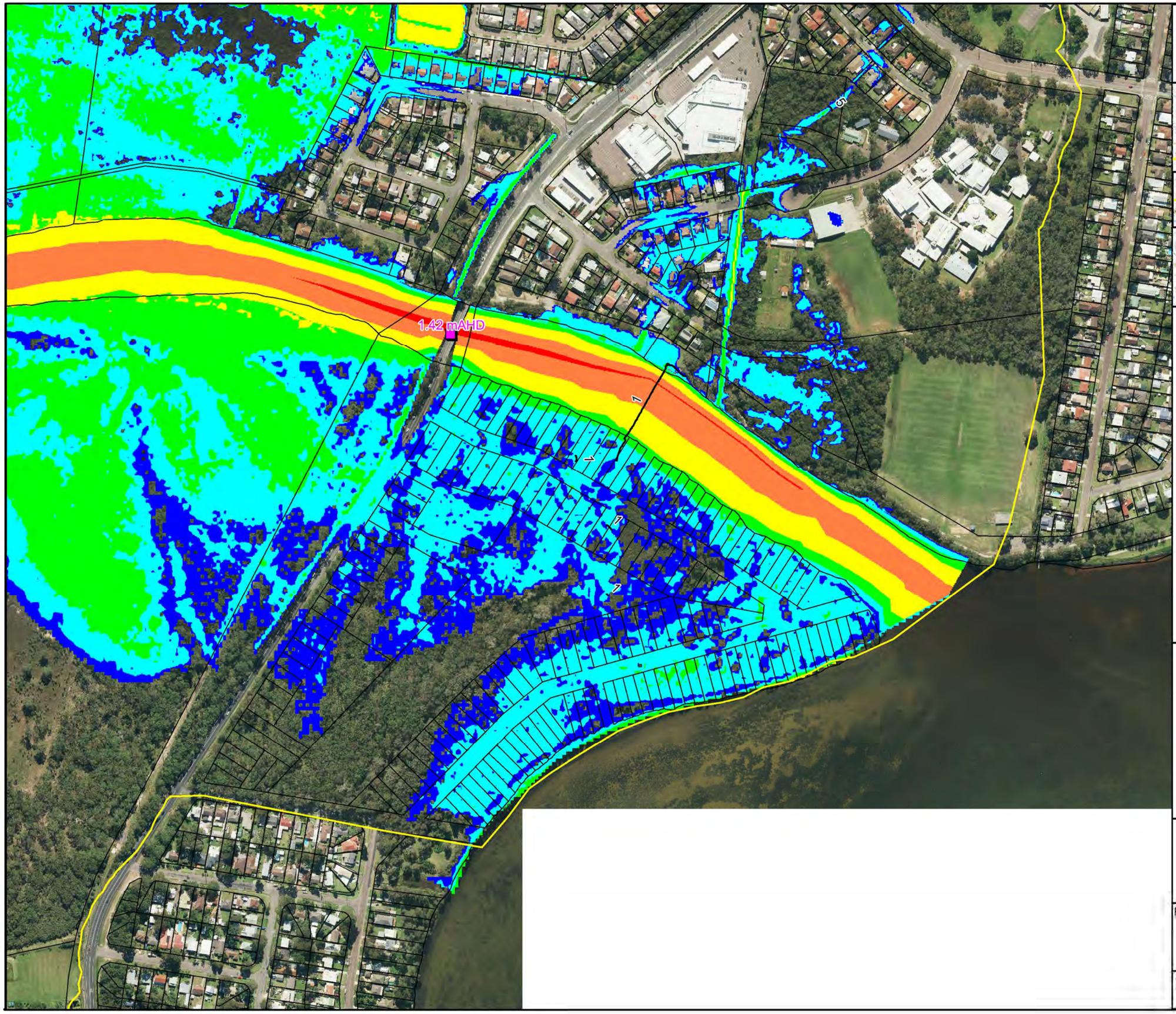
Km

Figure 6.10: Peak Floodwater Depths for the 1% AEP Flood

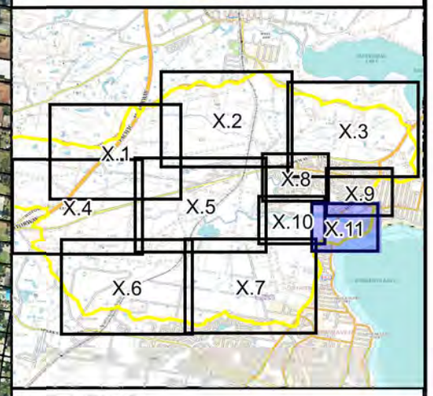
Prepared By:

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Sydney, NSW 2000

File Name: Fig6.10 - Peak Floodwater Depth for the 1% AEP Flood.wor



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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

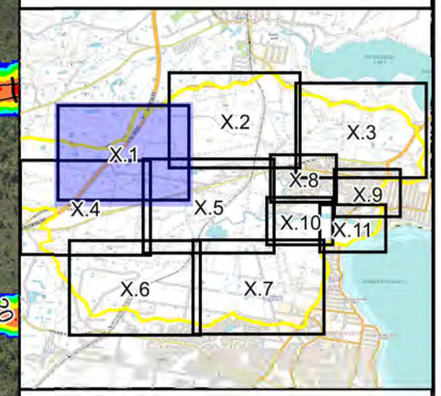
Figure 6.11: Peak Floodwater Depths for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig6.11 - Peak Floodwater Depth for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

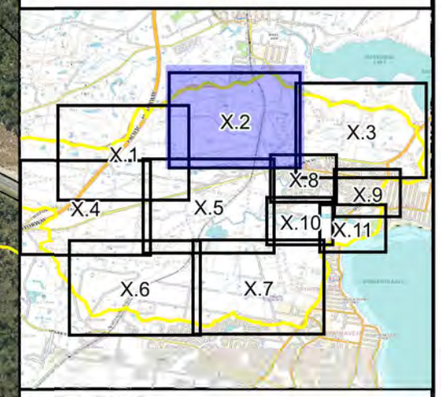
Km

Figure 7.1: Peak Floodwater Depths for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.1 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

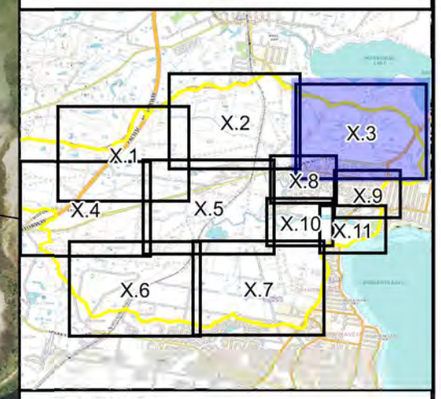
Figure 7.2: Peak Floodwater Depths for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.2 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Doyalson Link Road

Roper Road

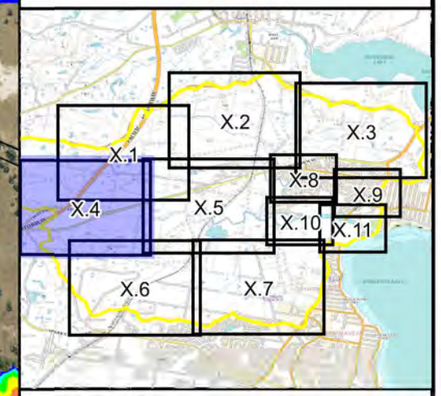
Colorado Drive

Figure 7.3: Peak Floodwater Depths for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.3 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

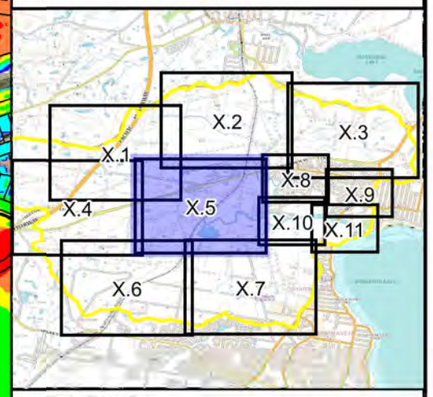
Figure 7.4: Peak Floodwater Depths for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.4 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

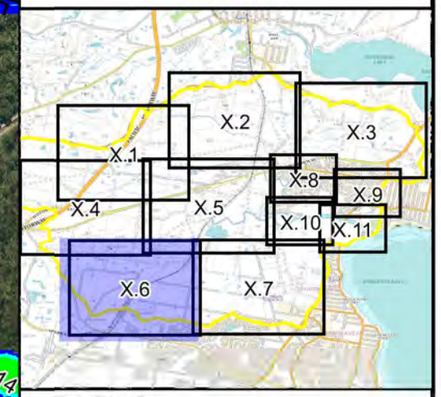
Figure 7.5: Peak Floodwater Depths for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.5 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

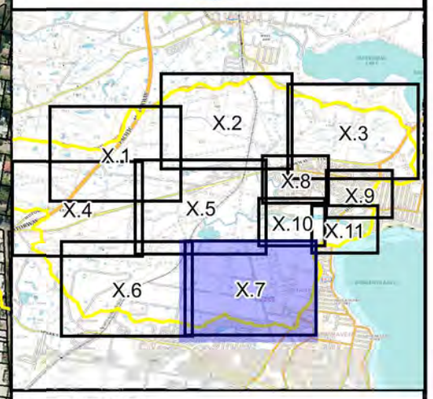
Figure 7.6: Peak Floodwater Depths for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.6 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

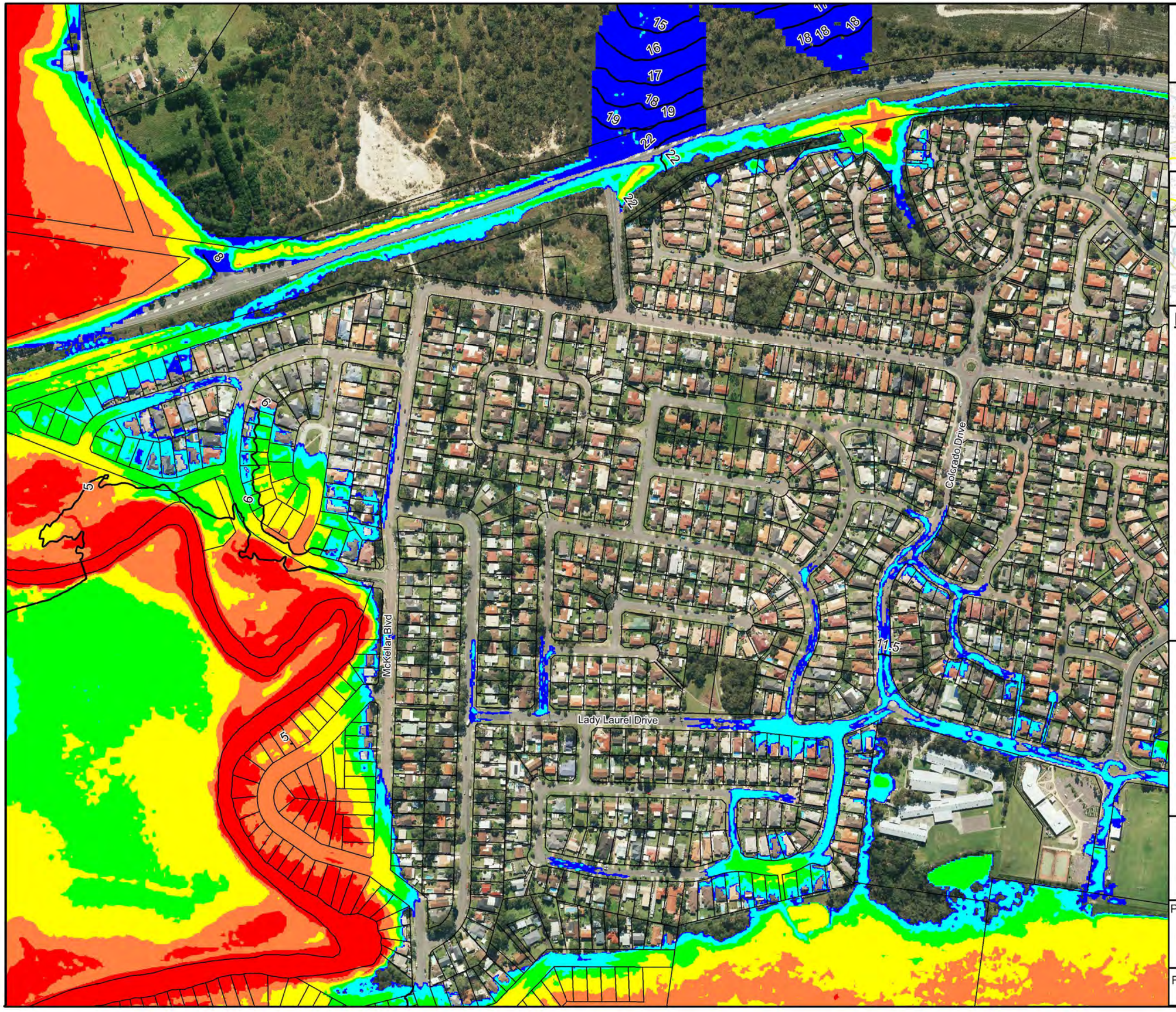
Scale 1:8,000 (at A3)

0 0.2 0.4 Km

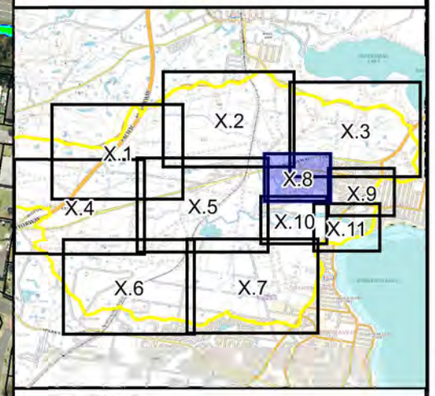
Figure 7.7: Peak Floodwater Depths for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.7 - Peak Floodwater Depth for the PMF.wor



Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 7.8: Peak Floodwater Depths for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.8 - Peak Floodwater Depth for the PMF.wor

Roper Road

St Lawerence Avenue

Pacific Hwy

29.5

16.5

15

13.5

6.5

6

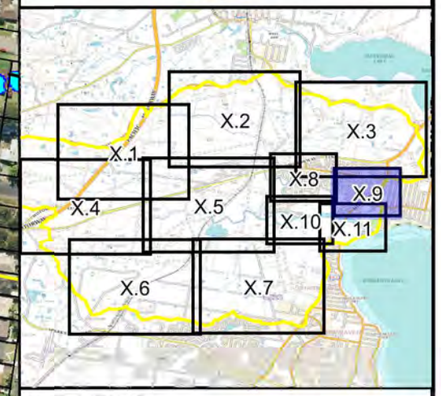
5

5

8

3

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

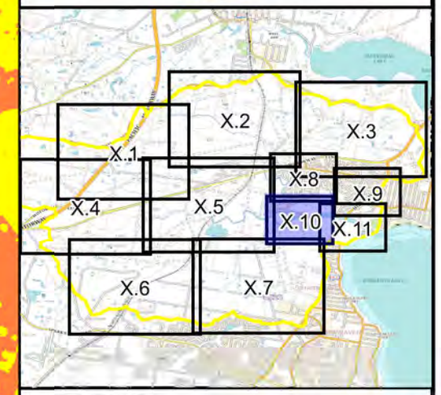
Figure 7.9: Peak Floodwater Depths for the PMF

Prepared By:

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Sydney, NSW 2000

File Name: Fig7.9 - Peak Floodwater Depth for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

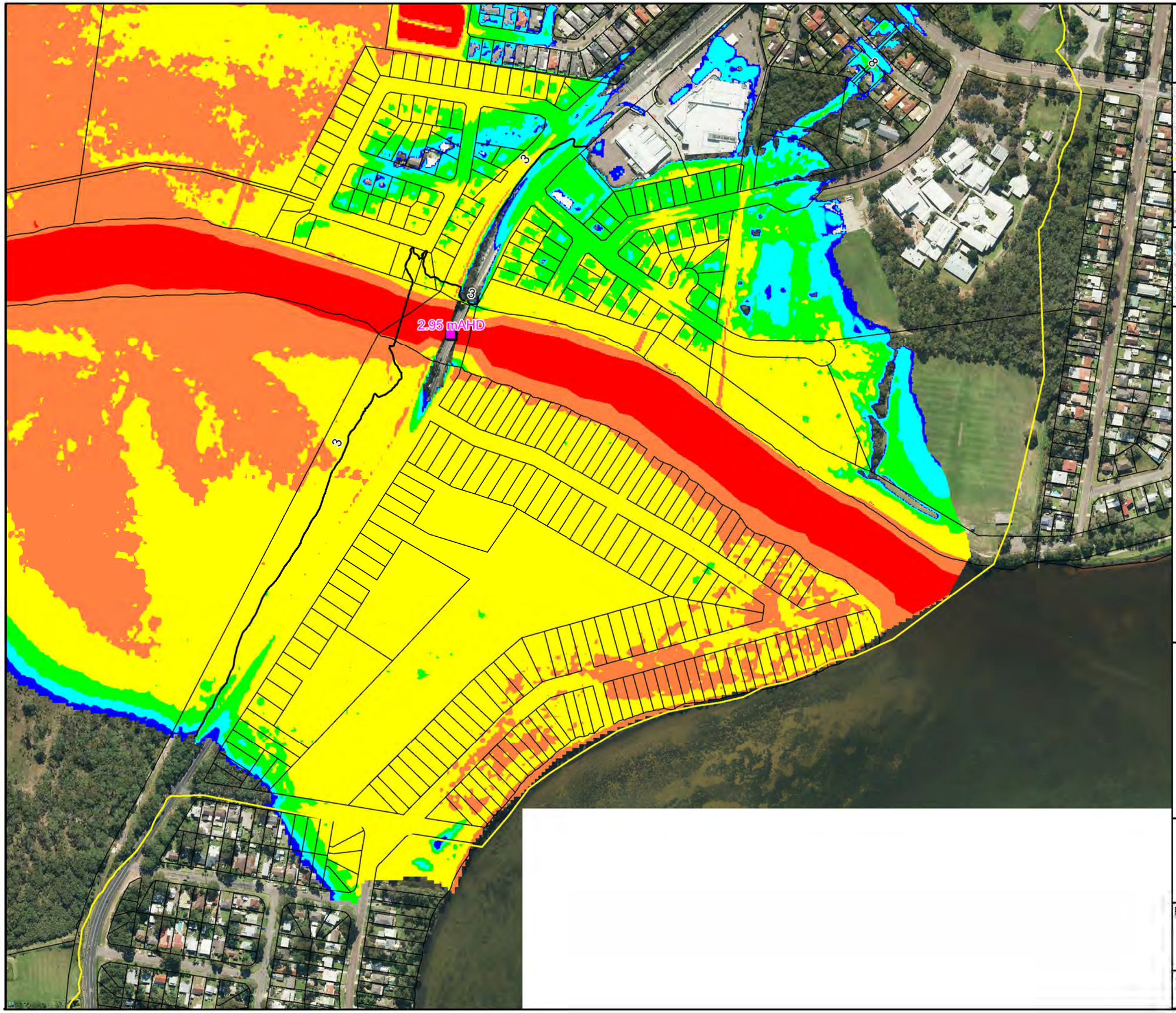
Km

Figure 7.10: Peak Floodwater Depths for the PMF

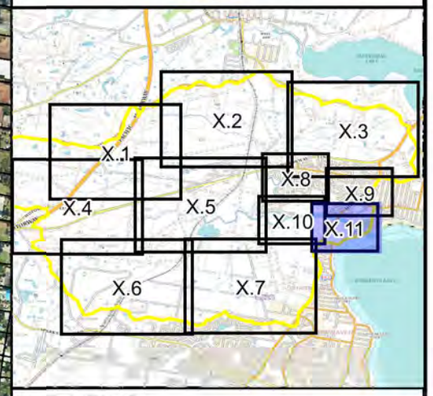
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.10 - Peak Floodwater Depth for the PMF.wor



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LEGEND

Depths (m)

- < = 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- > = 3.0

25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

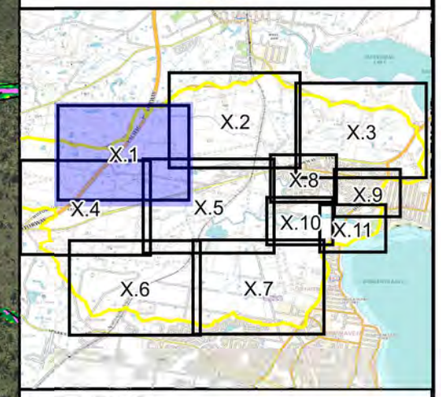
Figure 7.11: Peak Floodwater Depths for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.11 - Peak Floodwater Depth for the PMF.wor

FLOODWATER VELOCITY MAPS

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Figure 8.1: Peak Floodwater Velocities for the 20% AEP Flood

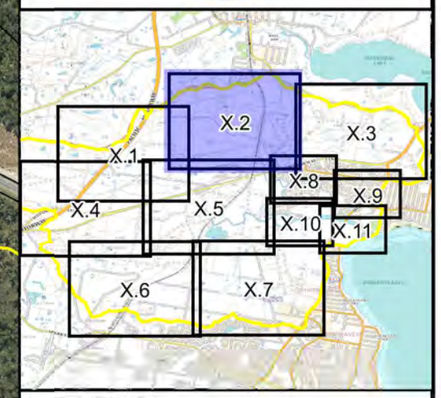
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.1 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Pacific Motorway

Bushells Ridge

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

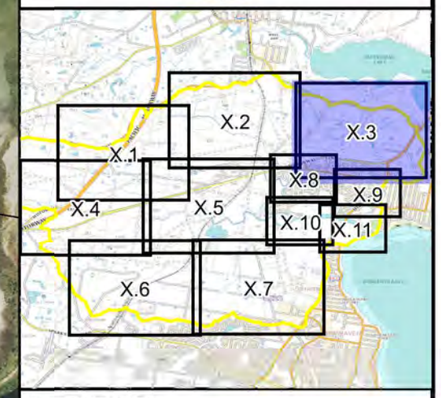
Figure 8.2: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig8.2 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Doyalson Link Road

Roper Road

Colorado Drive

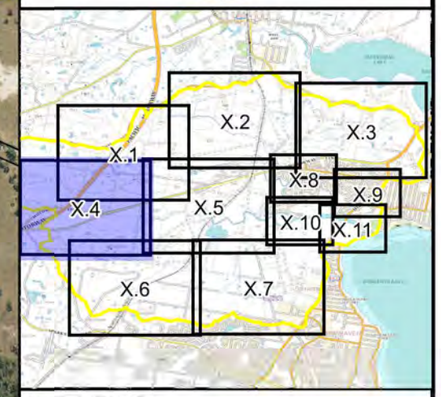
Figure 8.3: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig8.3 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Figure 8.4: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

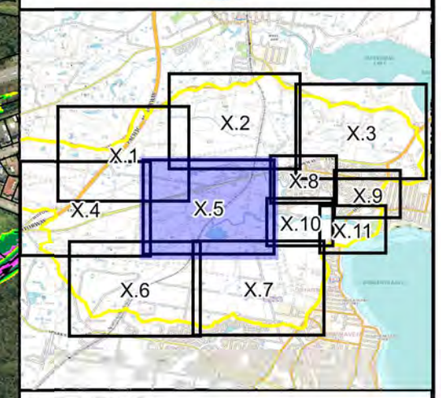
Catchment Simulation Solutions

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File Name: Fig8.4 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



Bushells Ridge

Wallarah Creek

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4

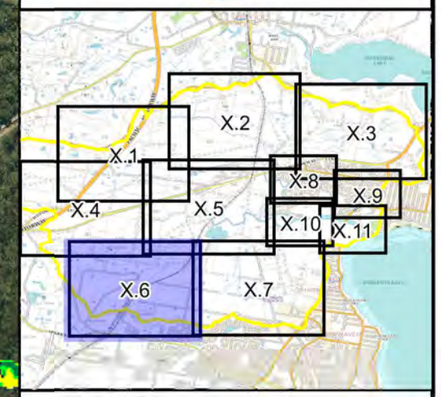
Km

Figure 8.5: Peak Floodwater Velocities for the 20% AEP Flood

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File Name: Fig8.5 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



Wallarah

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

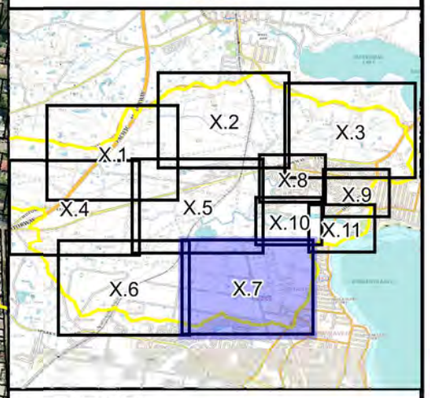
Figure 8.6: Peak Floodwater Velocities for the 20% AEP Flood

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.6 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

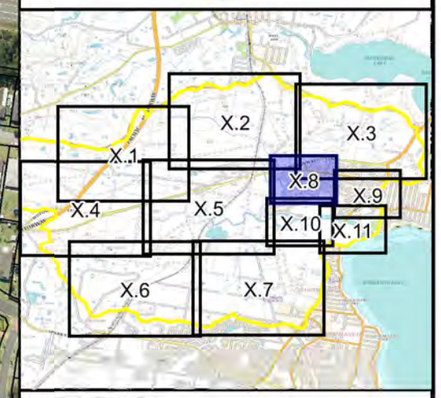
Figure 8.7: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig8.7 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 8.8: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

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Sydney, NSW 2000

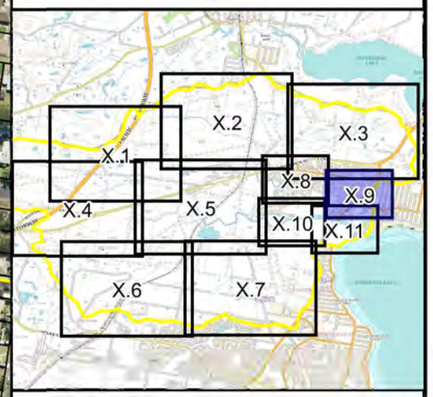
File Name: Fig8.8 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Roper Road

St Lawerence Avenue

Pacific Hwy

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

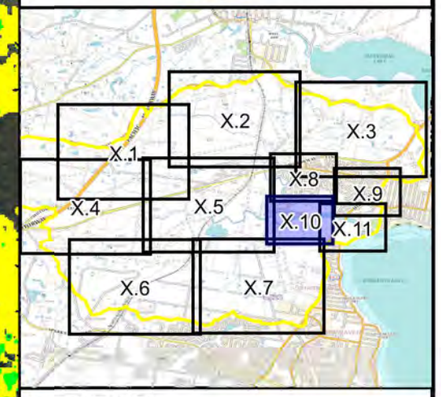
Figure 8.9: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.9 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

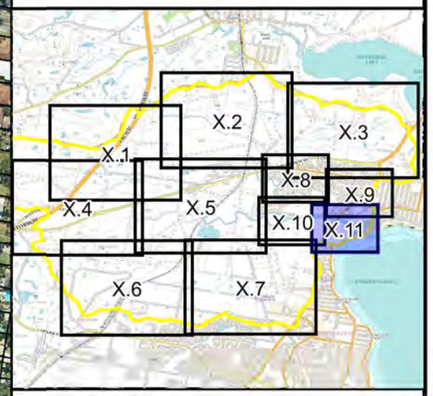
Figure 8.10: Peak Floodwater Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig8.10 - Peak Floodwater Velocities for the 20% AEP Flood.wor



Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

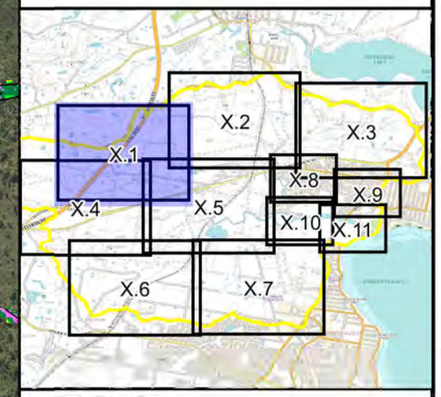
0 0.1 0.2 Km

Figure 8.11: Peak Floodwater Velocities for the 20% AEP Flood

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File Name: Fig8.11 - Peak Floodwater Velocities for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Figure 9.1: Peak Floodwater Velocities for the 5% AEP Flood

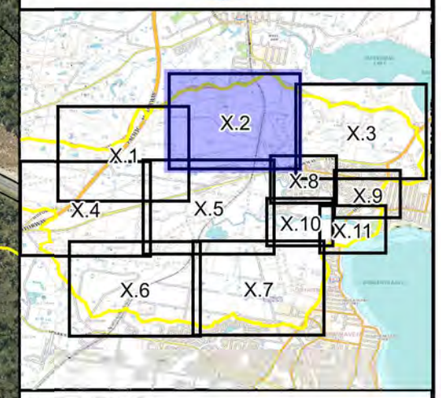
Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig9.1 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Pacific Motorway

Bushells Ridge

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

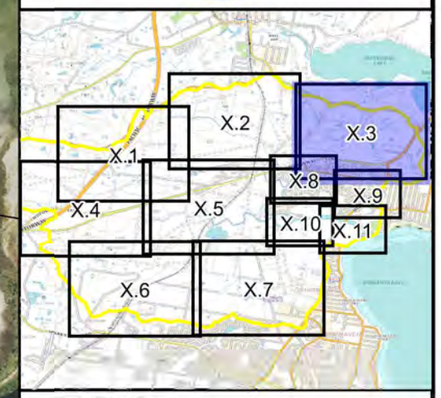
Figure 9.2: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.2 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

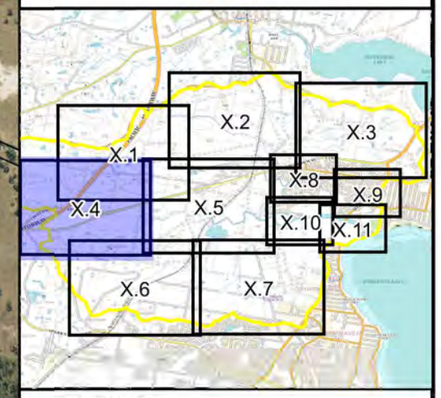
Figure 9.3: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig9.3 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Figure 9.4: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

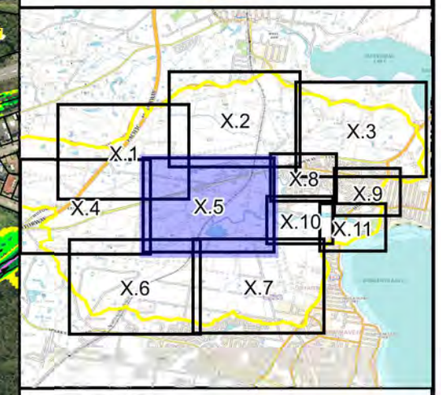
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File Name: Fig9.4 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



Bushells Ridge

Wallarah Creek

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

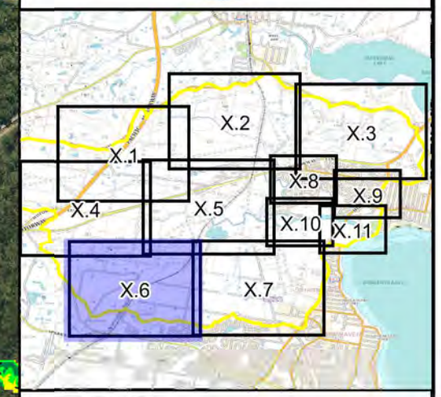
Figure 9.5: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.5 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



Wallarah

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

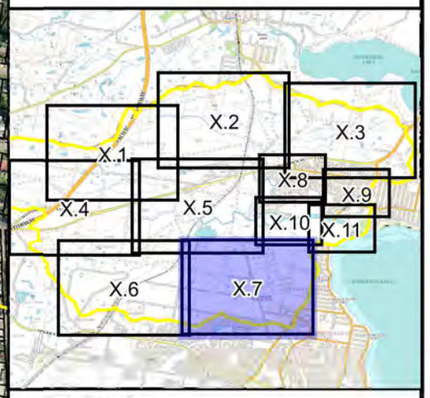
0 0.2 0.4 Km

Figure 9.6: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig9.6 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



Charmhaven

Lake Haven

Woongarrah

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

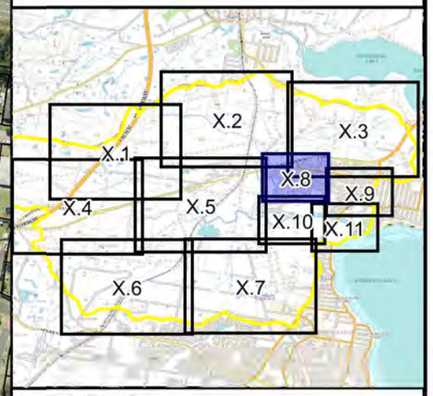
Figure 9.7: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.7 - Peak Floodwater Velocities for the 5% AEP Flood.wor



Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 9.8: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

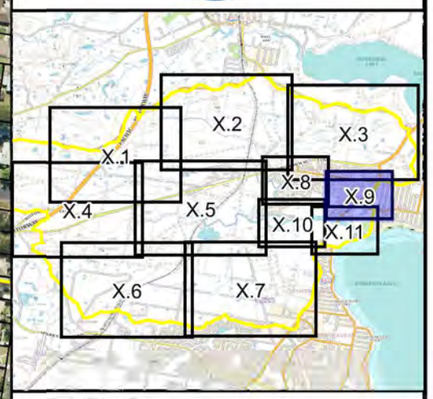
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.8 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Roper Road

St Lawerence Avenue

Pacific Hwy



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 9.9: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

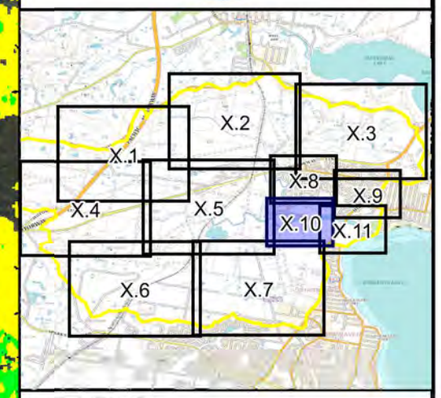
Catchment Simulation Solutions

Suite 2.01, 210 George St

Sydney, NSW 2000

File Name: Fig9.9 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 9.10: Peak Floodwater Velocities for the 5% AEP Flood

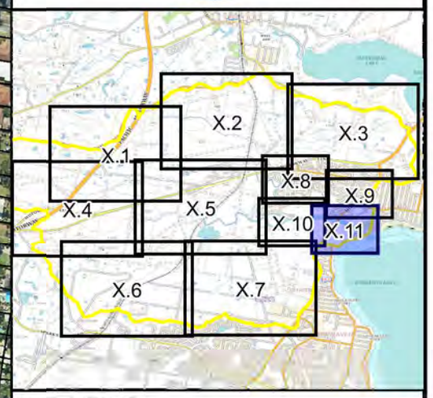
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.10 - Peak Floodwater Velocities for the 5% AEP Flood.wor



Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

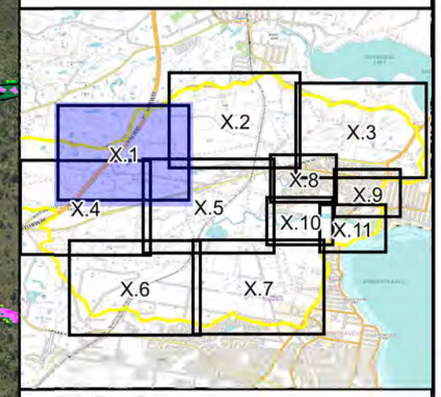
Figure 9.11: Peak Floodwater Velocities for the 5% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.11 - Peak Floodwater Velocities for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Pacific Motorway

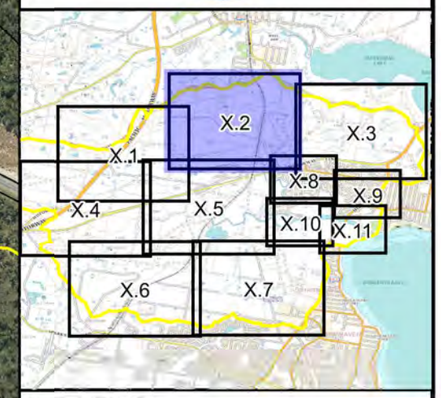
Bushells Ridge

Figure 10.1: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.1 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

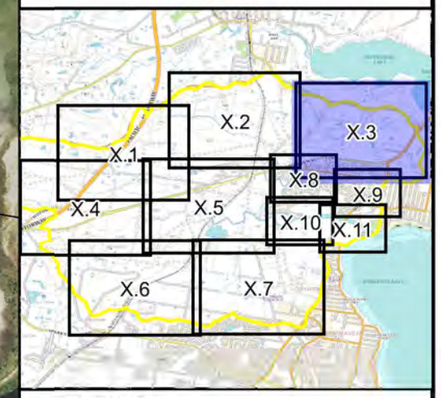
Figure 10.2: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.2 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

Figure 10.3: Peak Floodwater Velocities for the 1% AEP Flood

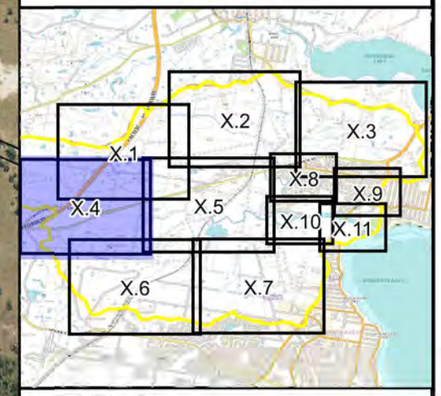
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.3 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Pacific Motorway

Bushells Ridge

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

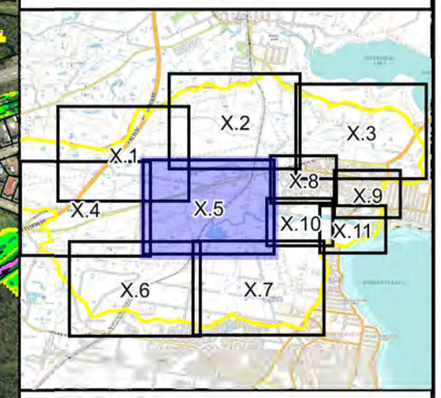
Figure 10.4: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.4 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

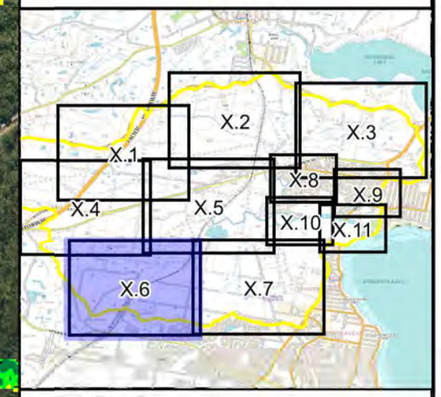
0 0.2 0.4 Km

Figure 10.5: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig10.5 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4 Km

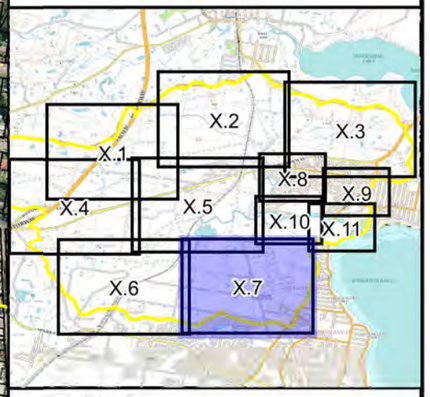
Figure 10.6: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.6 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



Charmhaven

Lake Haven

Woongarrah

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

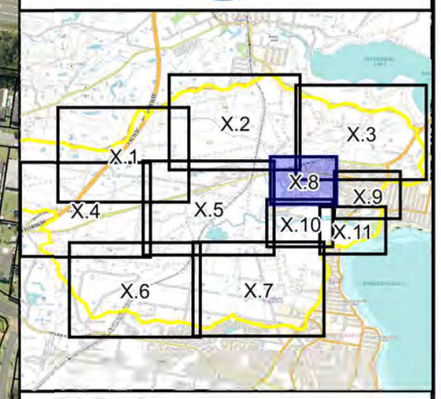
Km

Figure 10.7: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.7 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 10.8: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.8 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Colorado Drive

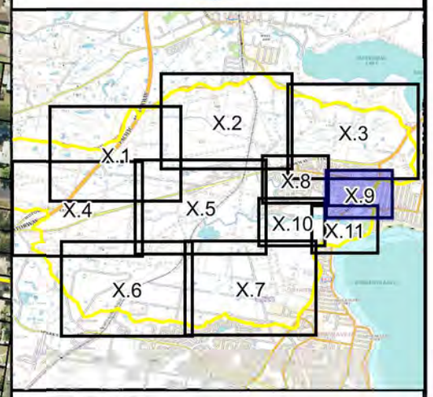
McKellar Blvd

Lady Laurel Drive

Roper Road

St Lawerence Avenue

Pacific Hwy



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

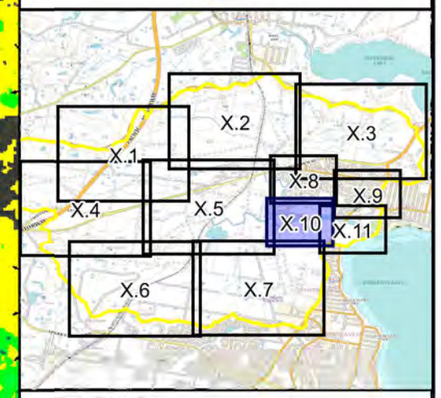
Figure 10.9: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.9 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

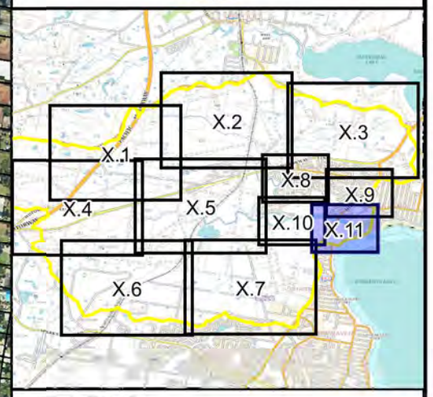
Figure 10.10: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.10 - Peak Floodwater Velocities for the 1% AEP Flood.wor



Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

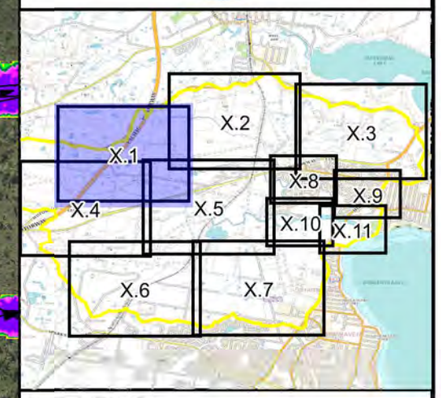
Figure 10.11: Peak Floodwater Velocities for the 1% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.11 - Peak Floodwater Velocities for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Pacific Motorway

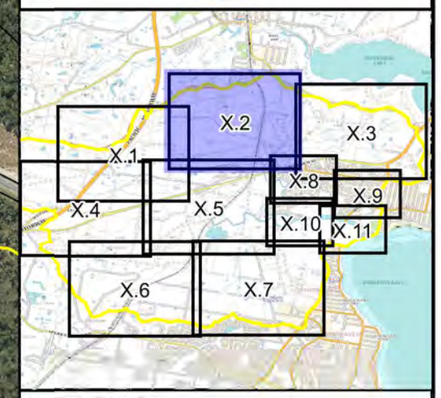
Bushells Ridge

Figure 11.1: Peak Floodwater Velocities for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.1 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

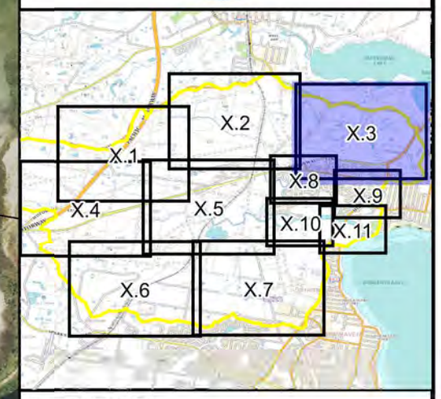
Km

Figure 11.2: Peak Floodwater Velocities for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.2 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Doyalson Link Road

Roper Road

Colorado Drive

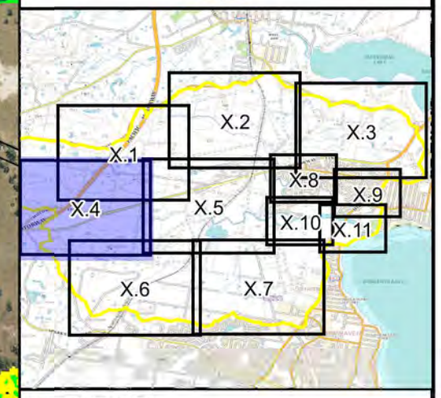
Figure 11.3: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.3 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

Figure 11.4: Peak Floodwater Velocities for the PMF

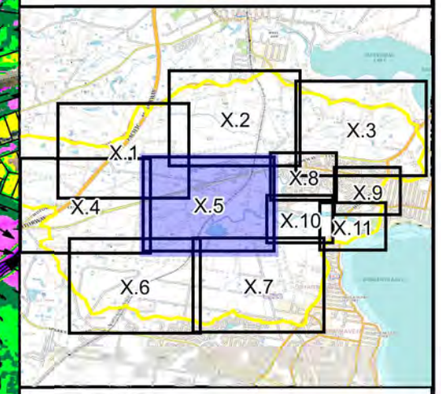
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.4 - Peak Floodwater Velocities for the PMF.wor

Bushells Ridge

Wallarah Creek

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

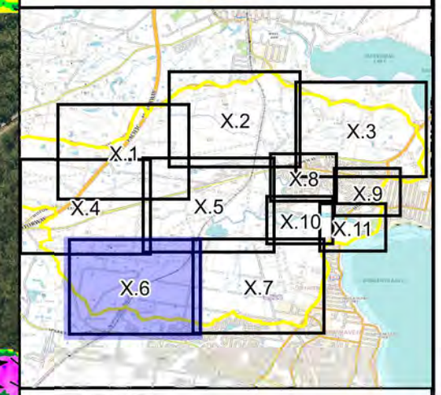
Figure 11.5: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.5 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

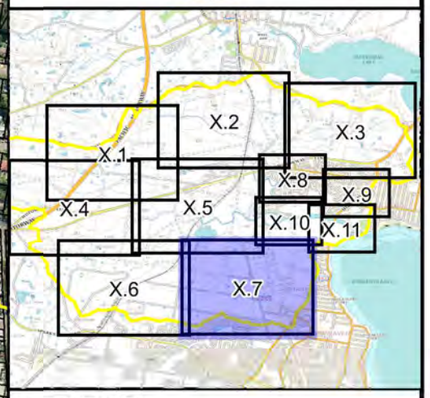
Km

Figure 11.6: Peak Floodwater Velocities for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.6 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



Charmhaven

Lake Haven

Woongarrah

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:8,000 (at A3)

0 0.2 0.4

Km

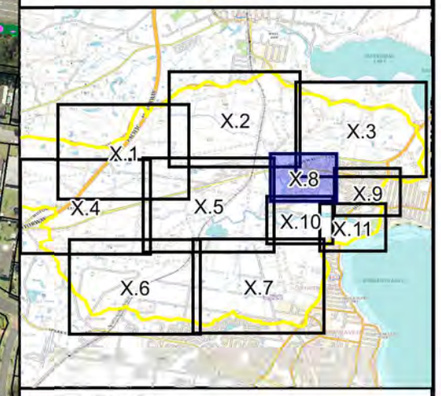
Figure 11.7: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.7 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

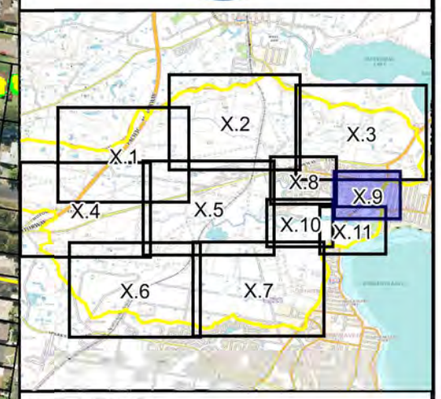
Figure 11.8: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.8 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

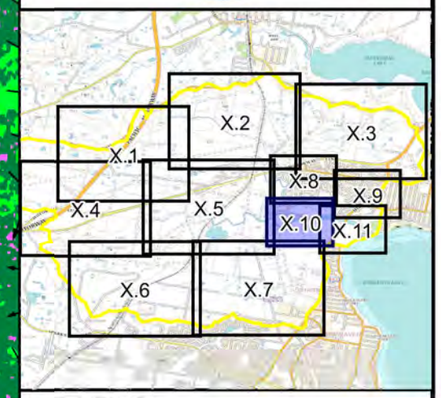
Figure 11.9: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.9 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N

W E

S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

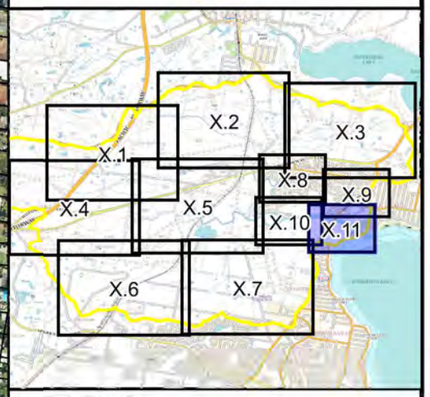
Figure 11.10: Peak Floodwater Velocities for the PMF

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.10 - Peak Floodwater Velocities for the PMF.wor

Central Coast Council



2.95 mAHD

LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

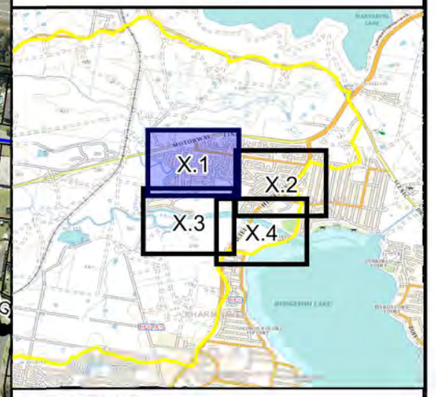
Figure 11.11: Peak Floodwater Velocities for the PMF

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.11 - Peak Floodwater Velocities for the PMF.wor

STORMWATER CAPACITY MAP

Central Coast Council



LEGEND

Failure AEP

- <20%AEP
- 20%AEP
- 5%AEP
- 1%AEP or better

Pit Failure Type

- No Failure
- Surcharge
- Ponding

N
W E
S

Scale 1:4,000 (at A3)

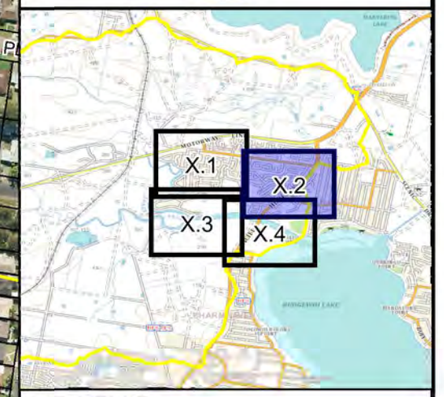
0 0.1 0.2 Km

Figure 12.1: Stormwater Capacity Map

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig12.1 - Stormwater Capacity Map.wor

Central Coast Council



LEGEND

Failure AEP

- <20%AEP
- 20%AEP
- 5%AEP
- 1%AEP or better

Pit Failure Type

- No Failure
- Surcharge
- Ponding

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

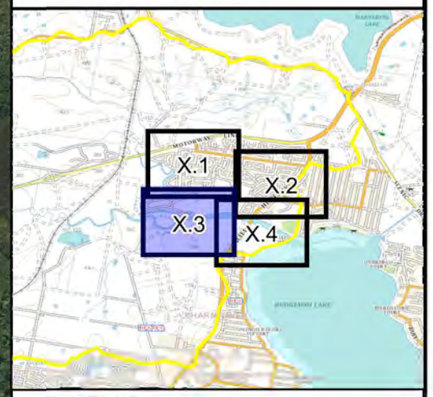
Figure 12.2: Stormwater Capacity Map

Prepared By:
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Sydney, NSW 2000

File Name: Fig12.2 - Stormwater Capacity Map.wor



Central Coast Council



LEGEND

Failure AEP

- <20%AEP
- 20%AEP
- 5%AEP
- 1%AEP or better

Pit Failure Type

- No Failure
- Surcharge
- Ponding

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

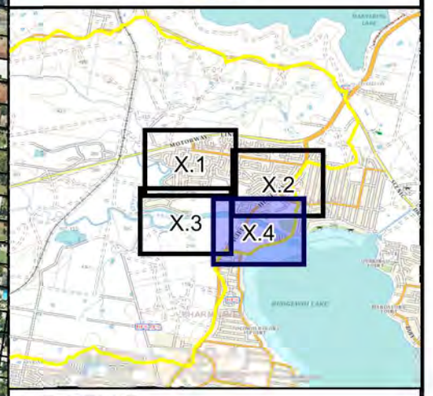
Figure 12.3: Stormwater Capacity Map

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig12.3 - Stormwater Capacity Map.wor

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LEGEND

Failure AEP

- <20%AEP
- 20%AEP
- 5%AEP
- 1%AEP or better

Pit Failure Type

- No Failure
- Surcharge
- Ponding

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 12.4: Stormwater Capacity Map

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File Name: Fig12.4 - Stormwater Capacity Map.wor