Killarney Vale / Long Jetty Catchments

Floodplain Risk Management Study & Draft Plan

Final Report

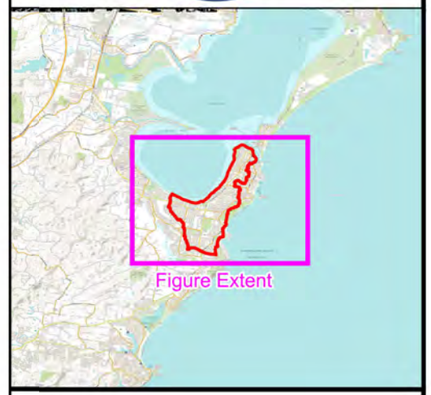
Volume 2 of 2: Figures

Revision 5
March 2021

Catchment Simulation Solutions

FIGURES

Central Coast Council



LEGEND

- Killarney Vale Catchment
- Long Jetty Catchment
- Watercourses

Notes:

Aerial photograph date: 2013

N
W E
S

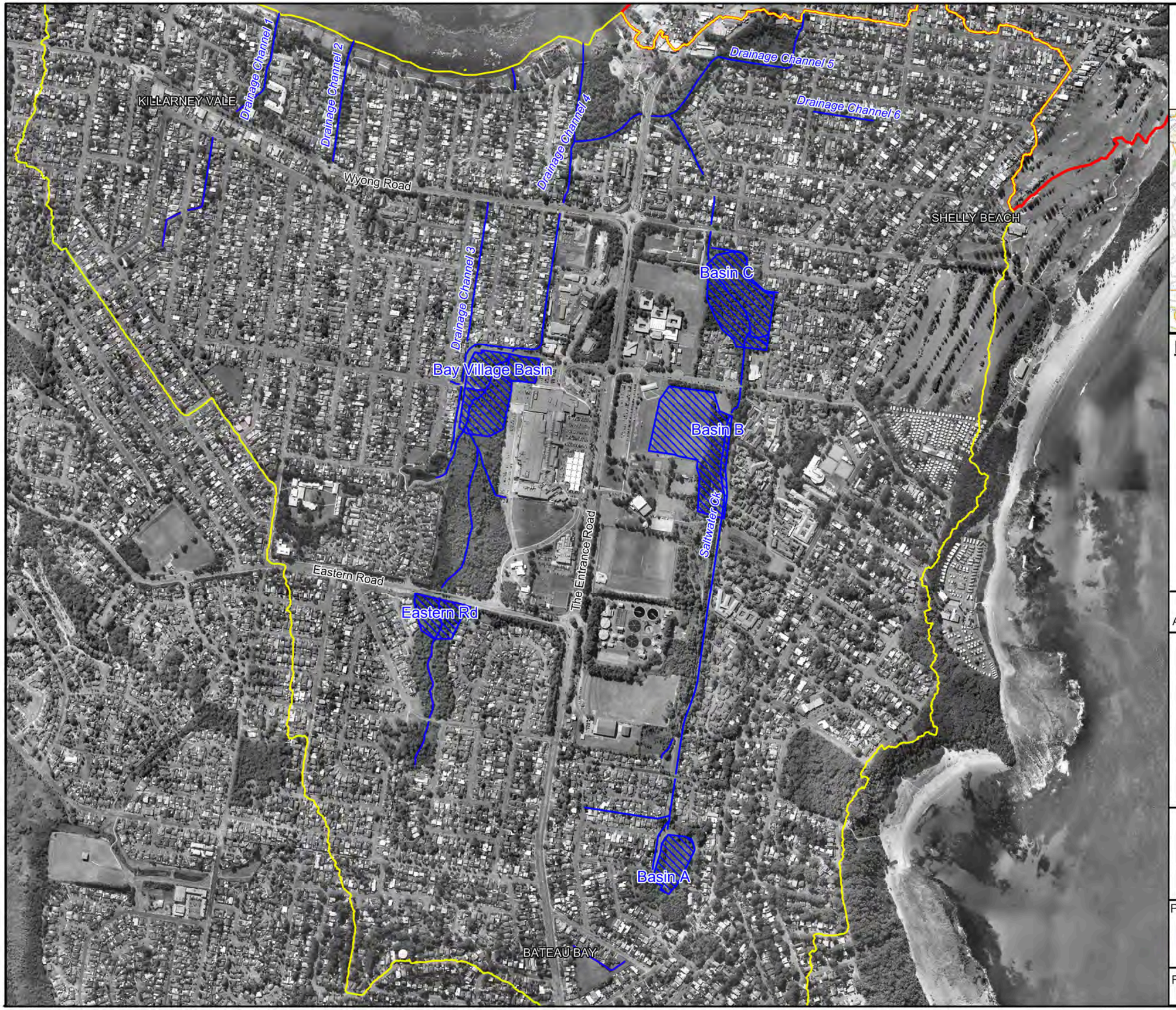
Scale 1:24,000 (at A3)

0 0.5 1.0 Km

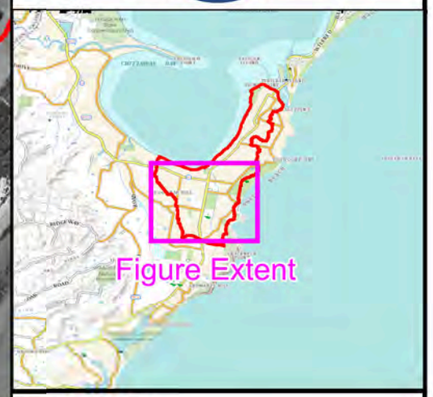
Figure 1:
Killarney Vale and Long Jetty Catchments

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

File Name: Fig1 Catchments.wor



Central Coast Council



LEGEND

- Killarney Vale Catchment
- Long Jetty Catchment
- Detention Basin
- Watercourses

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:10,000 (at A3)

0 0.25 0.5

Km

Figure 2: Existing Flood Detention Basins

Prepared By:

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

File Name: Fig2 Detention Basins.wor

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THE ENTRANCE

Tuggerah Lake

BLUE BAY

LONG JETTY

KILLARNEY VALE

Wyong Road

SHELLY BEACH

Pacific Ocean

Eastern Road

The Entrance Road

BATEAU BAY

LEGEND

Ground Surface Elevation (mAHD)

- 0
- 2
- 4
- 6
- 8
- 10
- 20
- 30
- 40

Notes:

Aerial photograph date: 2013

N

W E

S

Scale 1:24,000 (at A3)

0 0.5 1.0

Km

Figure 3: Ground Surface Elevations

Prepared By:

Catchment Simulation Solutions

Suite 2.01, 210 George St

Sydney, NSW 2000

File Name: Fig3 DEM.wor

Central Coast Council

THE ENTRANCE

Tuggerah Lake

BLUE BAY

LONG JETTY

KILLARNEY VALE

Wyong Road

SHELLY BEACH

Pacific Ocean

Eastern Road

The Entrance Road

BATEAU BAY

LEGEND

- Catchment Boundary
- Heritage Site
- Vegetation Community
- Reserves in Trust
- Aboriginal Heritage Site

Acid & Sulphate Soil Risk

- Class 1 (High)
- Class 2
- Class 3
- Class 4
- Class 5 (Low)

Notes:

Aerial photograph date: 2013

N

W E

S

Scale 1:24,000 (at A3)

0 0.5 1.0

Km

Figure 4: Environmental and Heritage Constraints

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Catchment Simulation Solutions

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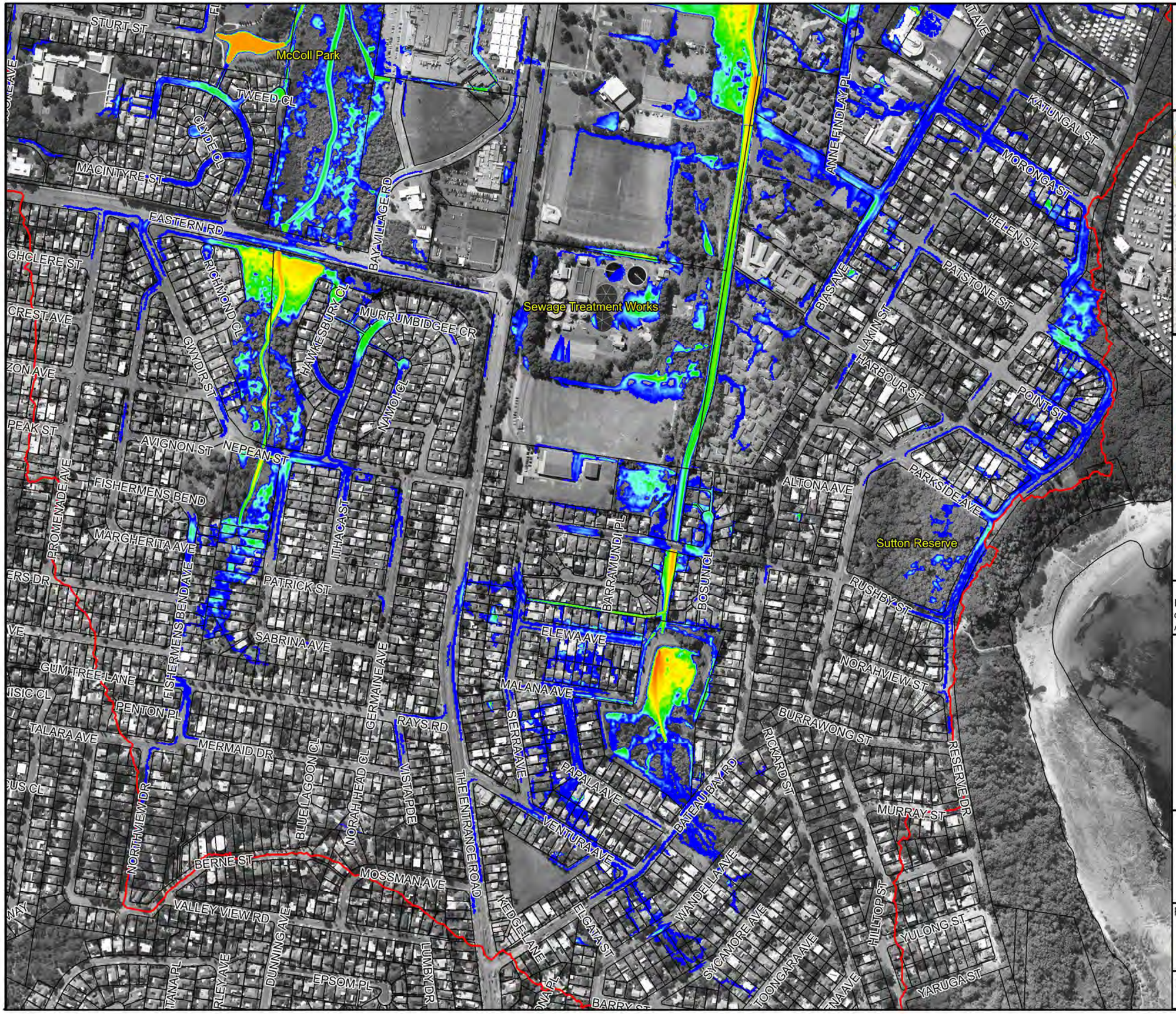
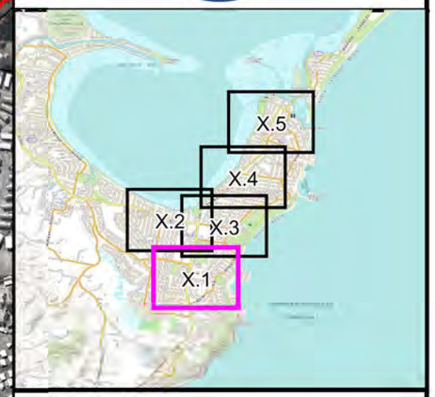
Sydney, NSW 2000

File Name: Fig4 Environmental and Heritage Constraints.wor

FLOOD MAPS FOR EXISTING CONDITIONS



Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

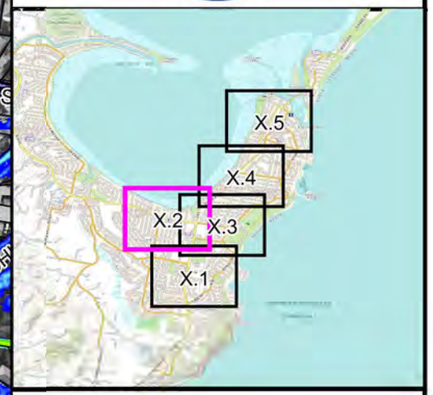
0 0.15 0.3
Km

Figure 5.1
Peak Floodwater Depths for the 20% AEP Flood

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

Depths for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
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Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

Figure 5.2
Peak Floodwater Depths for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

Depths for the 20% AEP Flood.wor

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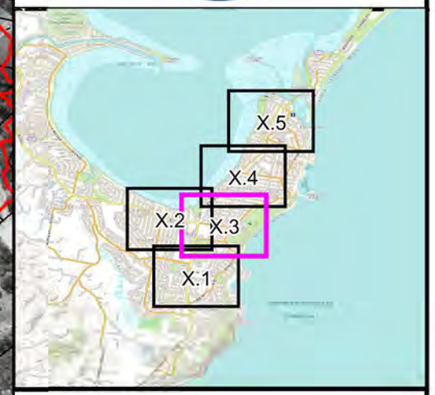


LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

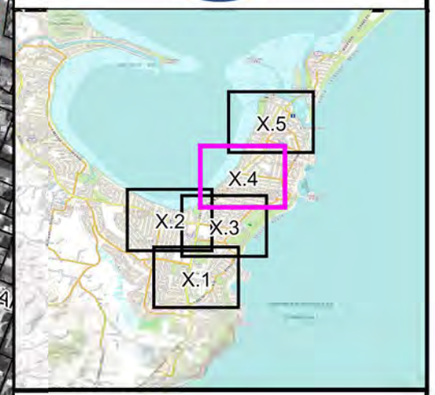
Figure 5.3
Peak Floodwater Depths for the 20% AEP Flood

Prepared By:

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

Depths for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

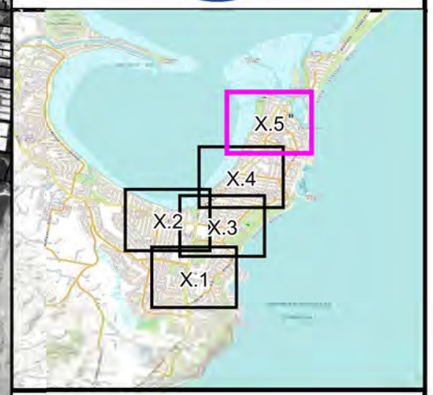
Figure 5.4
Peak Floodwater Depths for the 20% AEP Flood

Prepared By:

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

Depths for the 20% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

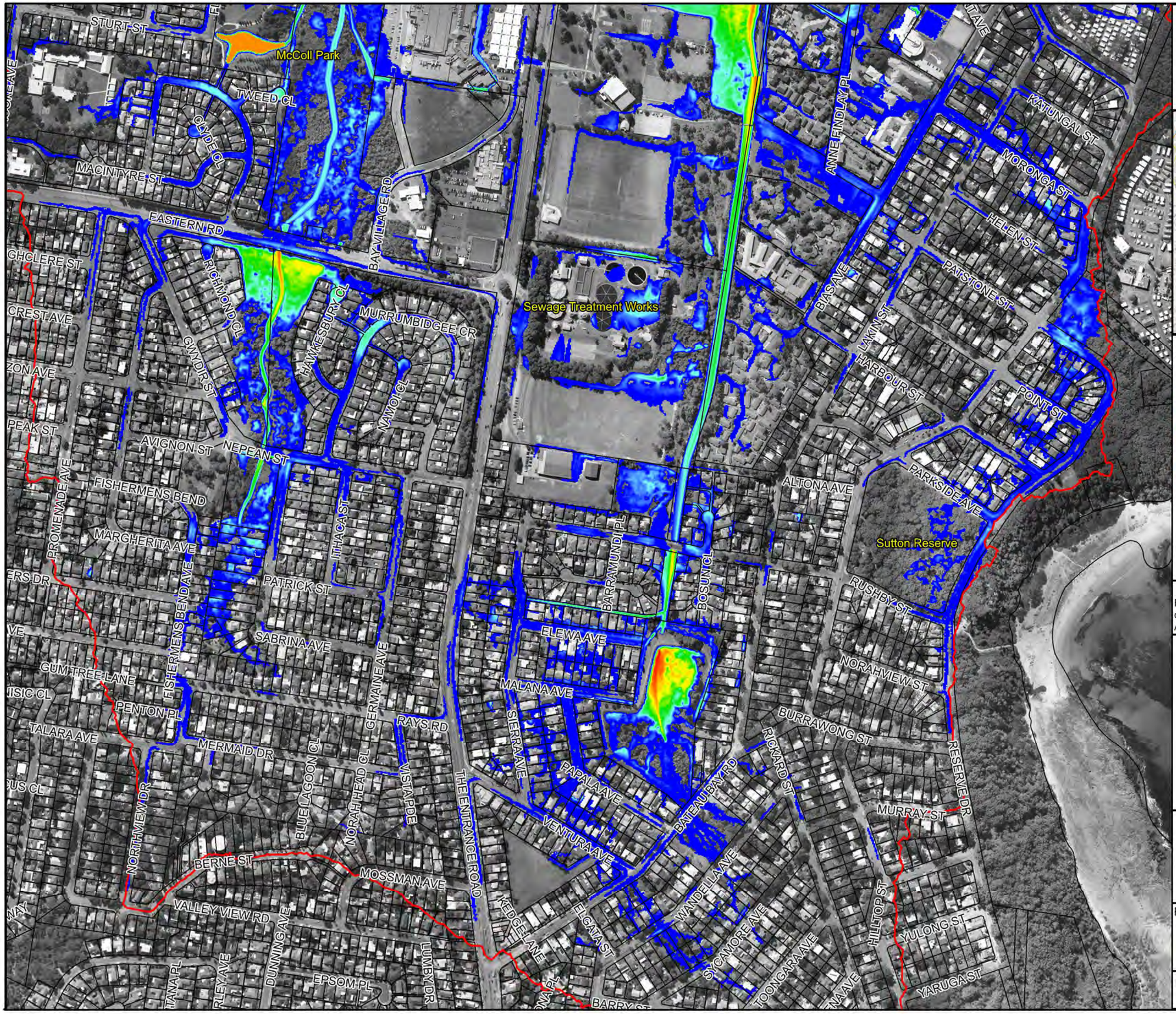
0 0.15 0.3
Km

Figure 5.5
Peak Floodwater Depths for the 20% AEP Flood

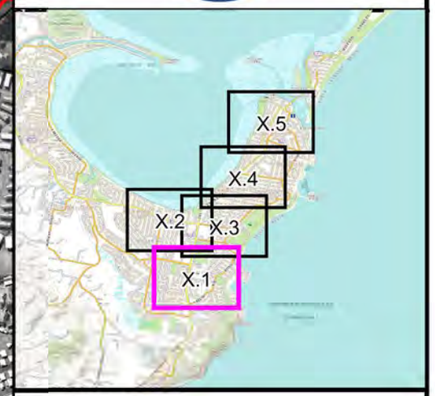
Prepared By:

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

Depths for the 20% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

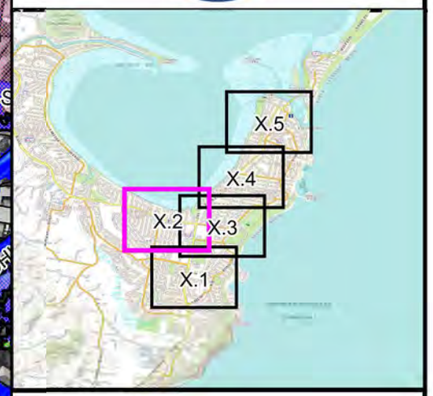
Figure 6.1
Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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

Depths for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

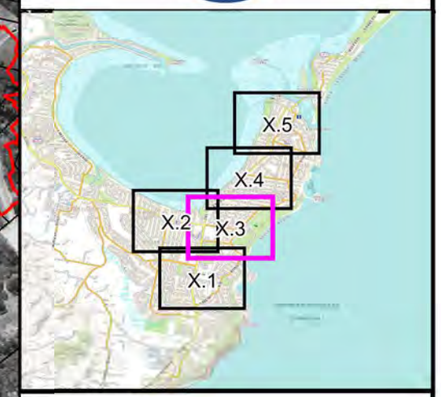
Figure 6.2
Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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

Depths for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

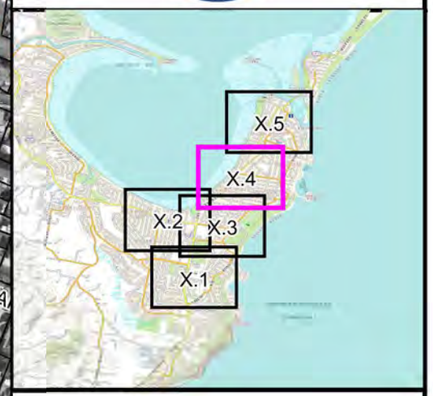
Figure 6.3
Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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

Depths for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

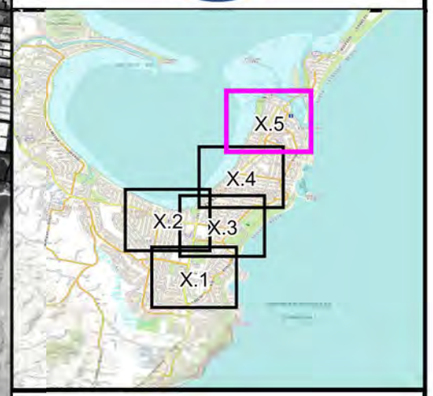
Figure 6.4
Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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

Depths for the 5% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

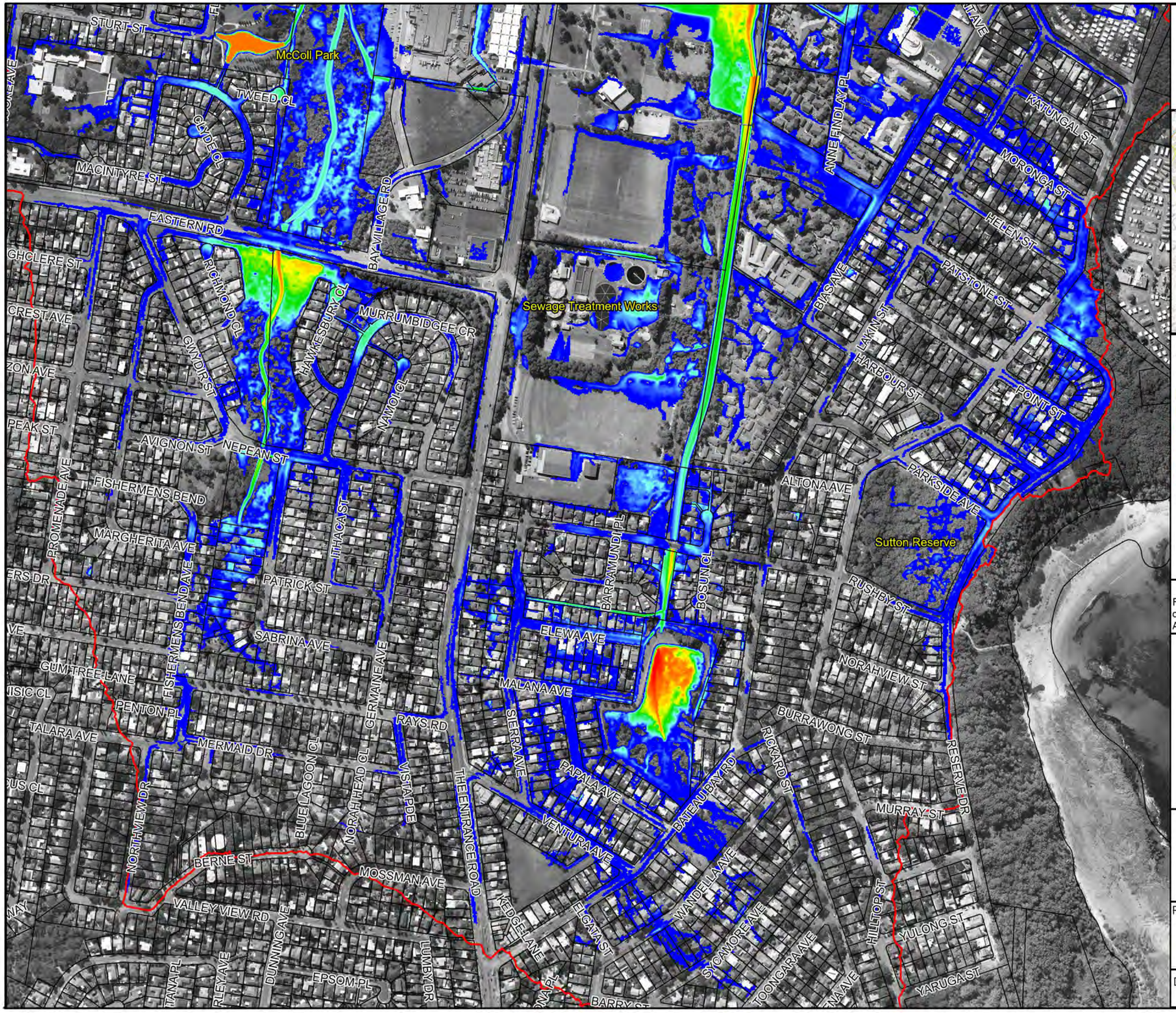
0 0.15 0.3
Km

Figure 6.5
Peak Floodwater Depths for the 5% AEP Flood

Prepared By:

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

Depths for the 5% AEP Flood.wor



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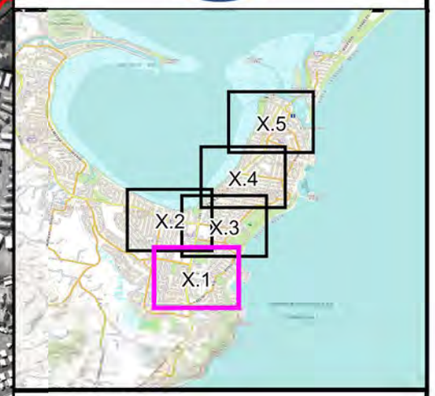


LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

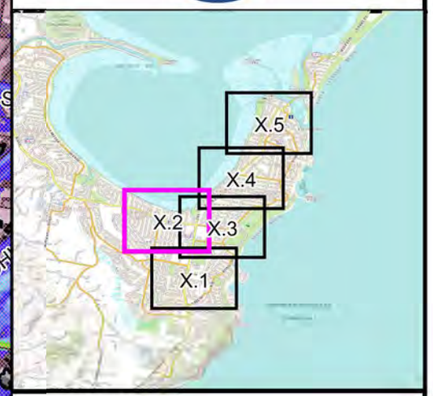
0 0.15 0.3
Km

Figure 7.1
Peak Floodwater Depths for the 1% AEP Flood

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

Depths for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

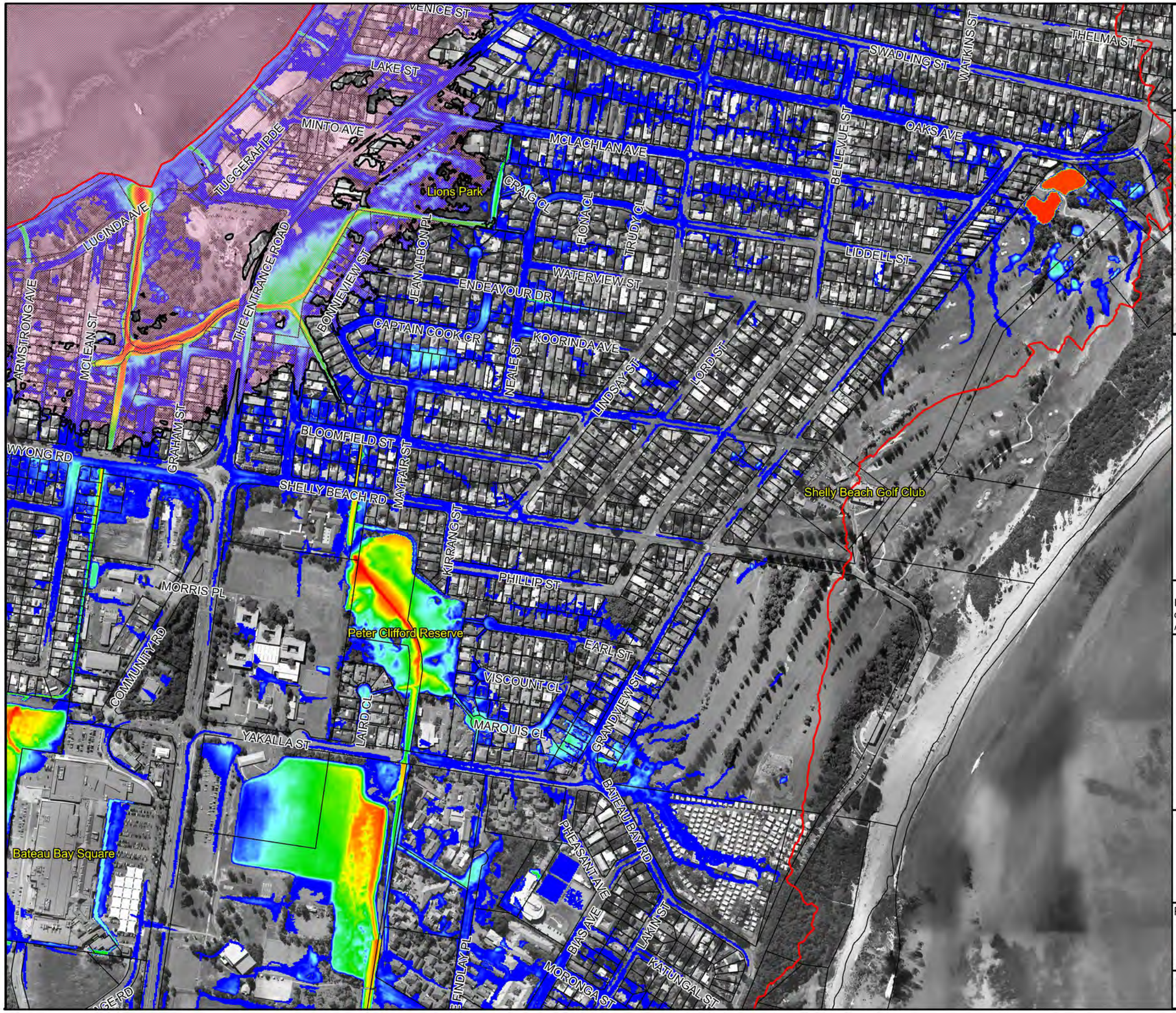
0 0.15 0.3
Km

Figure 7.2
Peak Floodwater Depths for the 1% AEP Flood

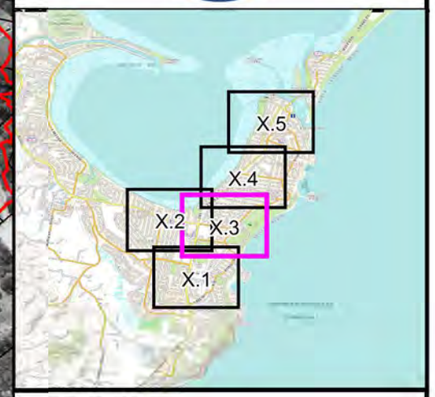
Prepared By:

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

Depths for the 1% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

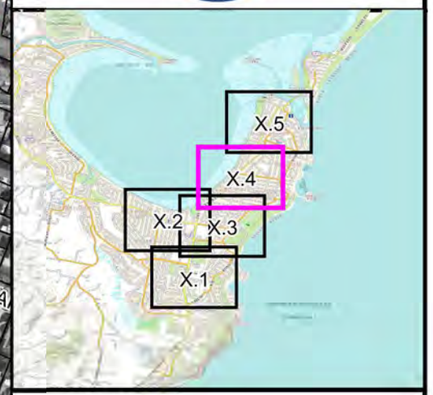
Figure 7.3
Peak Floodwater Depths for the 1% AEP Flood

Prepared By:

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

Depths for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
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Notes:

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Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

Figure 7.4
Peak Floodwater Depths for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
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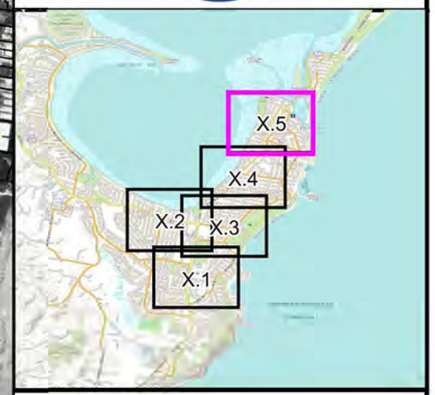
Sydney, NSW 2000

Depths for the 1% AEP Flood.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

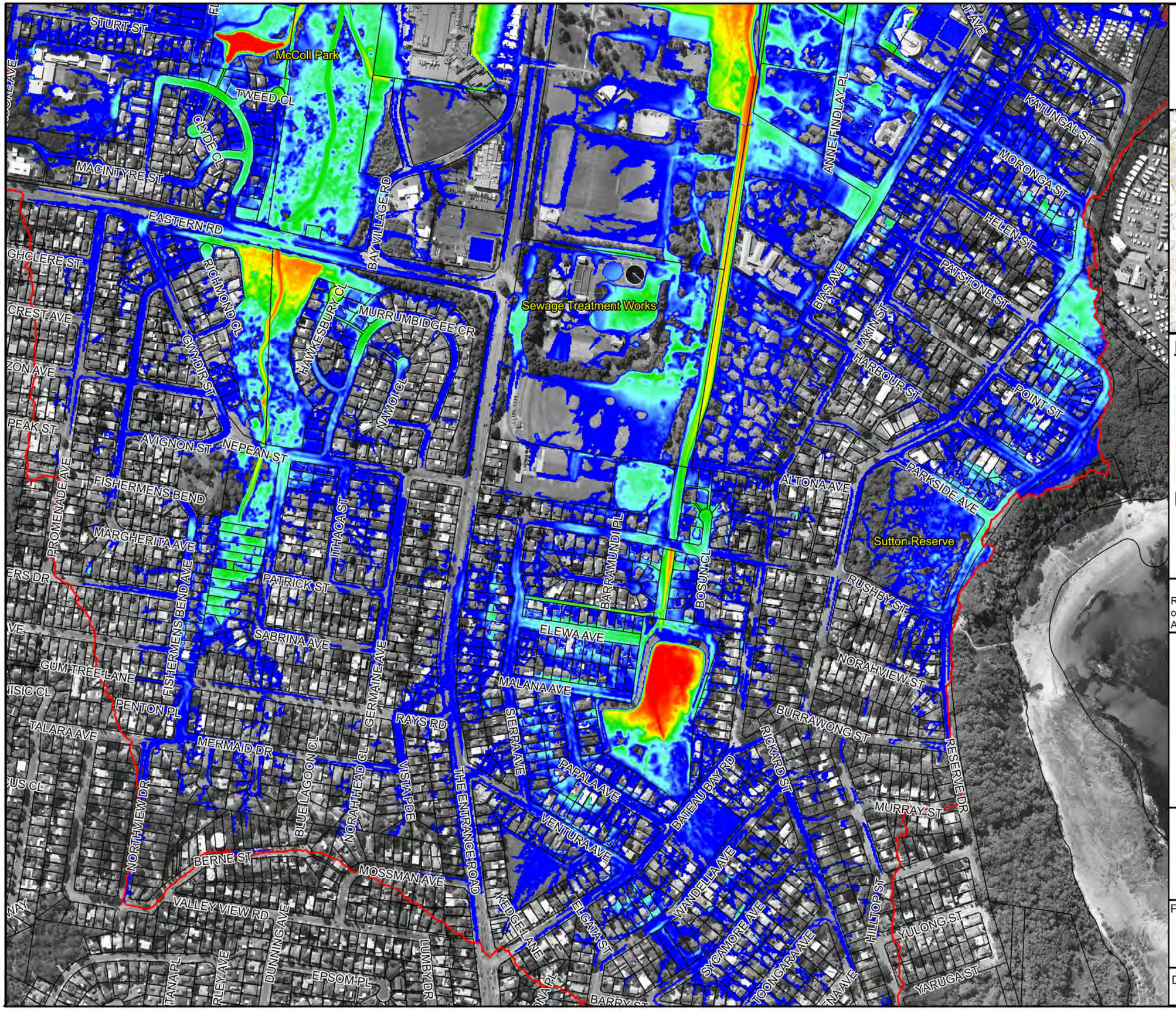
Scale 1:6,000 (at A3)

0 0.15 0.3
Km

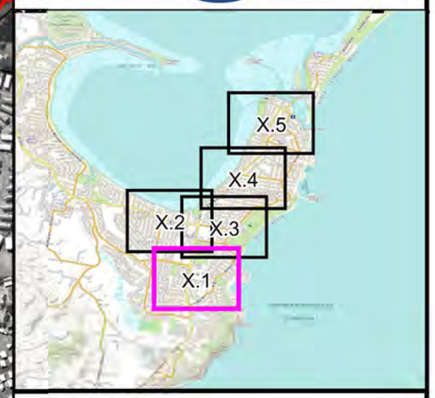
Figure 7.5
Peak Floodwater Depths for the 1% AEP Flood

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

Depths for the 1% AEP Flood.wor



Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.

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Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

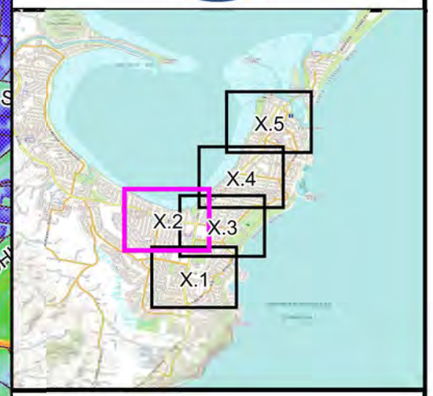
Figure 8.1
Peak Floodwater Depths for the PMF

Prepared By:

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

Depths for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

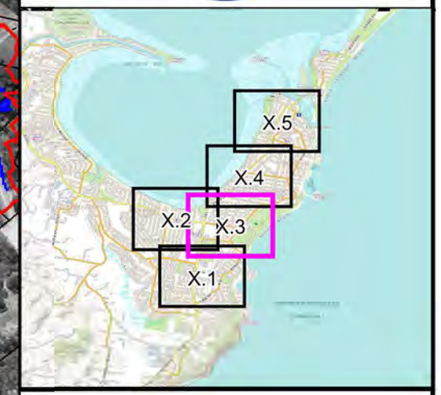
0 0.15 0.3
Km

Figure 8.2
Peak Floodwater Depths for the PMF

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

Depths for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3 Km

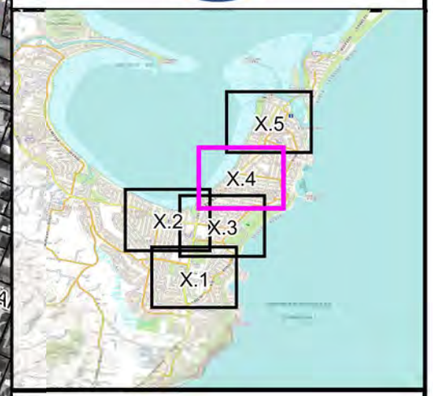
Figure 8.3
Peak Floodwater Depths for the PMF

Prepared By:

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

Depths for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.
Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

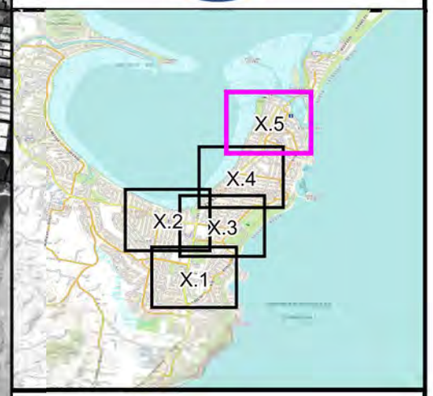
Figure 8.4
Peak Floodwater Depths for the PMF

Prepared By:

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

Depths for the PMF.wor

Central Coast Council



LEGEND

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

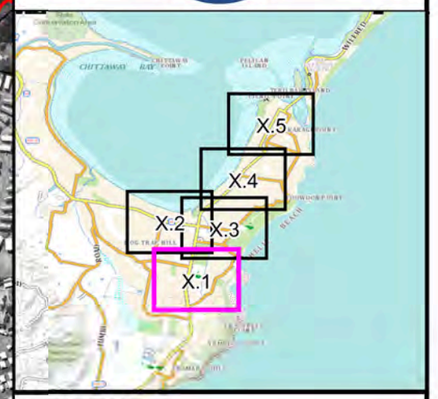
0 0.15 0.3 Km

Figure 8.5 Peak Floodwater Depths for the PMF

Prepared By:

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

Depths for the PMF.wor



Central Coast Council

LEGEND

Catchment Boundary

Failure AEP

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

Pit Failure Type

- No Failure
- Surcharge
- Ponding

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3 Km

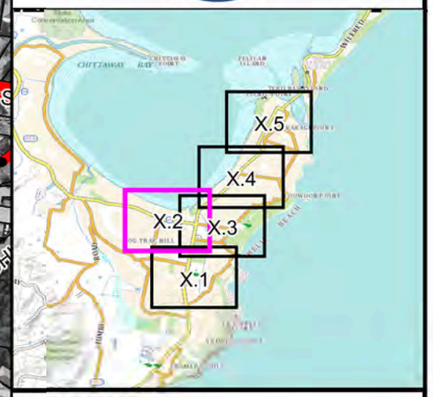
Figure 9.1
Stormwater Capacity

Prepared By:

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

Stormwater Capacity.wor

Central Coast Council



LEGEND

Catchment Boundary

Failure AEP

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

Pit Failure Type

- No Failure
- Surcharge
- Ponding

Notes:

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

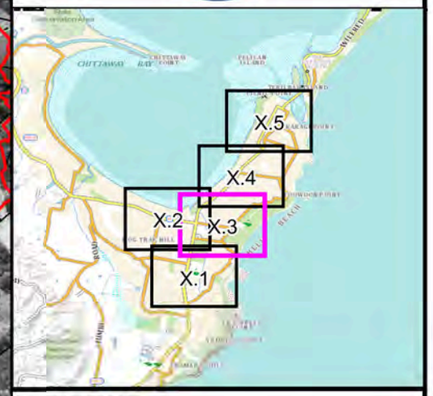
0 0.15 0.3 Km

Figure 9.2
Stormwater Capacity

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

Stormwater Capacity.wor

Central Coast Council



LEGEND

Catchment Boundary

Failure AEP

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

Pit Failure Type

- No Failure
- Surcharge
- Ponding

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

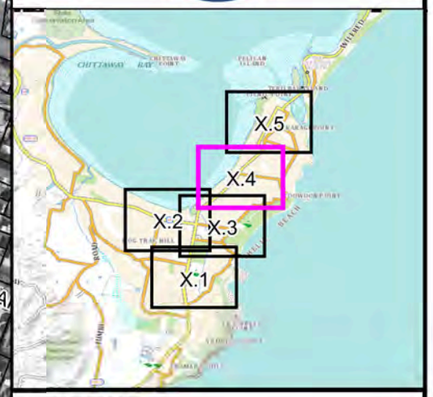
Km

Figure 9.3
Stormwater Capacity

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

Stormwater Capacity.wor

Central Coast Council



LEGEND

Catchment Boundary

Failure AEP

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

Pit Failure Type

- No Failure
- Surcharge
- Ponding

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

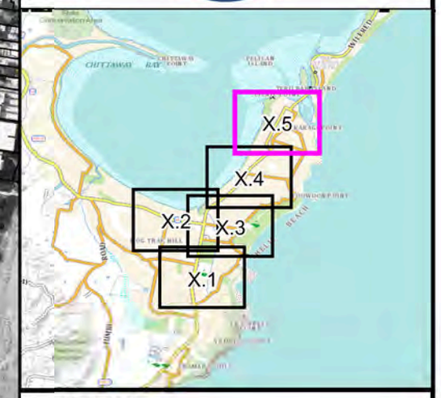
0 0.15 0.3 Km

Figure 9.4
Stormwater Capacity

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

Stormwater Capacity.wor

Central Coast Council



LEGEND

Catchment Boundary

Failure AEP

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

Pit Failure Type

- No Failure
- Surcharge
- Ponding

Notes:

Aerial photograph date: 2013

N
W E
S

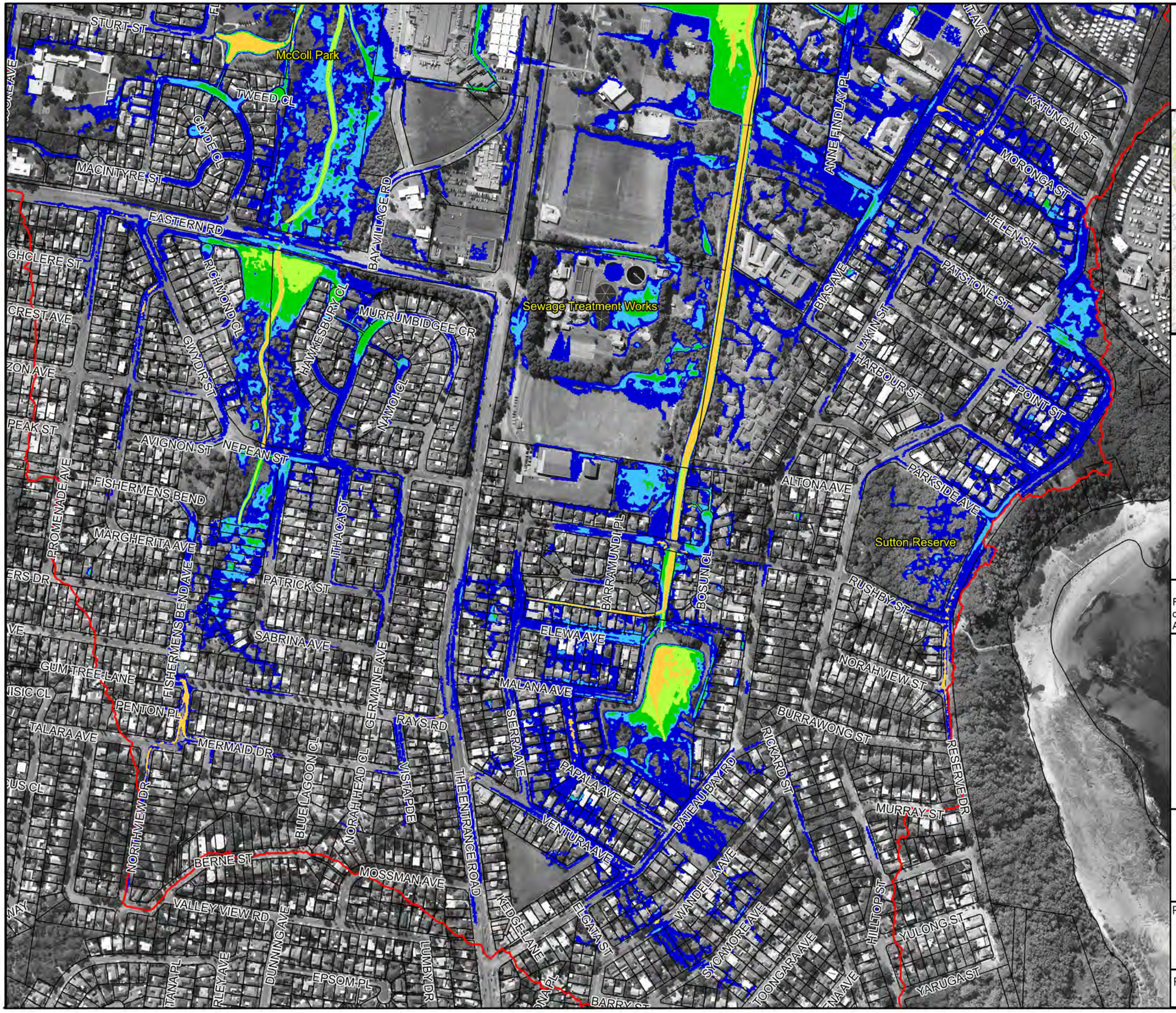
Scale 1:6,000 (at A3)

0 0.15 0.3 Km

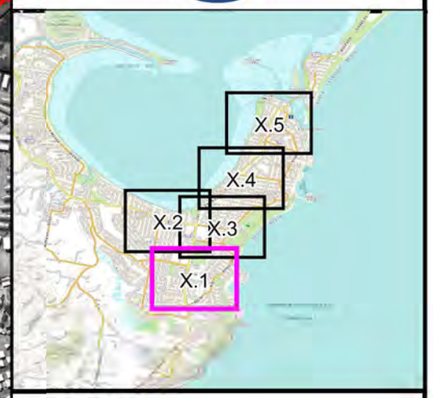
Figure 9.5
Stormwater Capacity

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

Stormwater Capacity.wor



Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

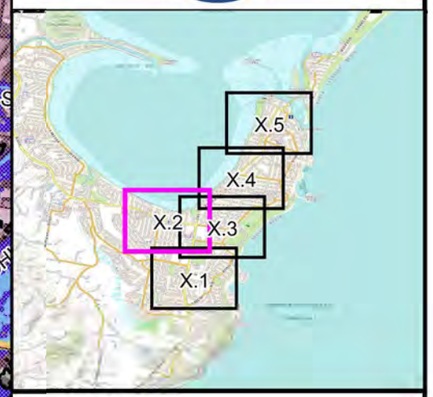
Figure 10.1: Flood Hazard for the 1% AEP Flood

Prepared By:

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

File Name: Flood Hazard 1AEP.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

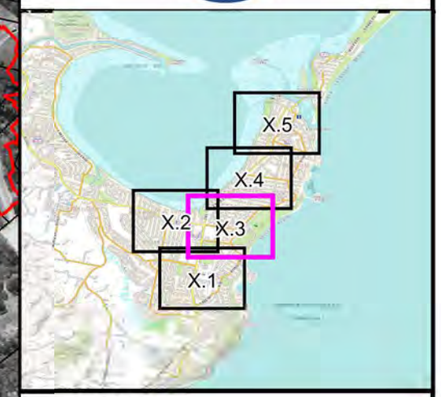
0 0.15 0.3
Km

Figure 10.2: Flood Hazard for the 1% AEP Flood

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

File Name: Flood Hazard 1AEP.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
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Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

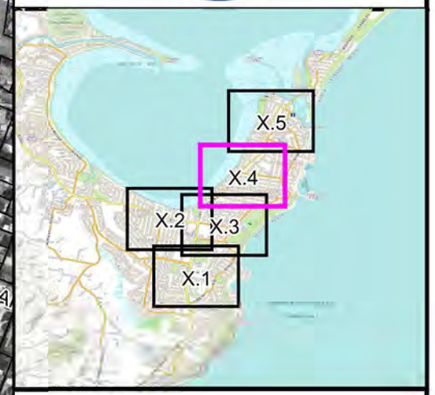
Figure 10.3: Flood Hazard for the 1% AEP Flood

Prepared By:

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

File Name: Flood Hazard 1AEP.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

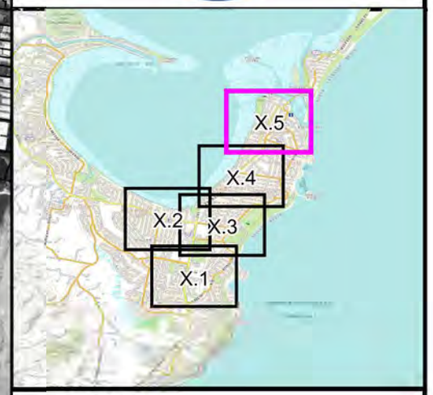
0 0.15 0.3
Km

Figure 10.4: Flood Hazard for the 1% AEP Flood

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

File Name: Flood Hazard 1AEP.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

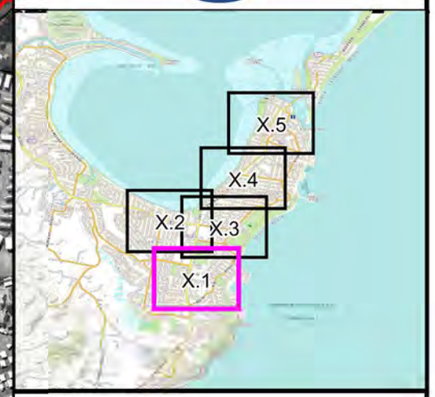
Figure 10.5: Flood Hazard for the 1% AEP Flood

Prepared By:

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

File Name: Flood Hazard 1AEP.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

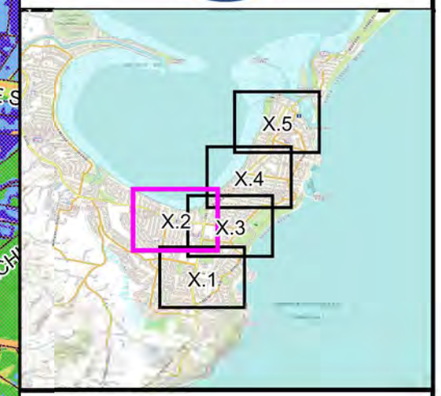
0 0.15 0.3
Km

Figure 11.1: Flood Hazard for the PMF

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

File Name: Flood Hazard PMF.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

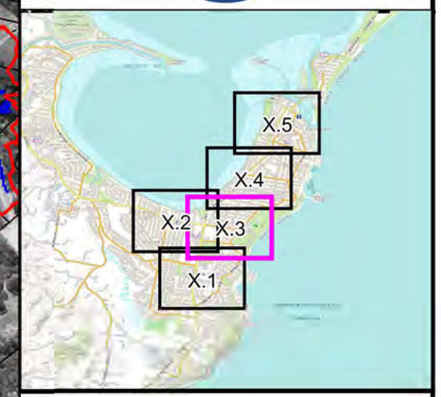
0 0.15 0.3
Km

Figure 11.2: Flood Hazard for the PMF

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

File Name: Flood Hazard PMF.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

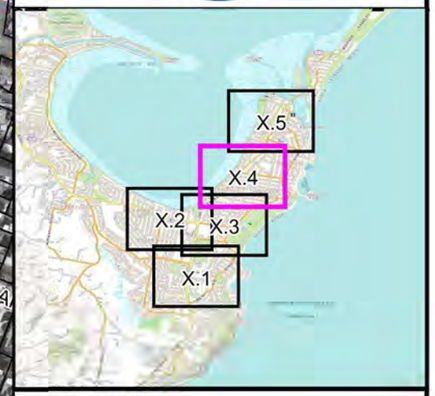
Figure 11.3: Flood Hazard for the PMF

Prepared By:

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

File Name: Flood Hazard PMF.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

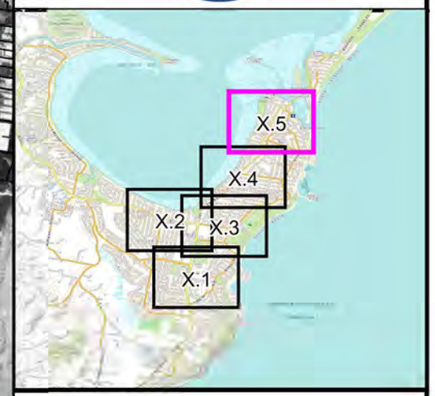
Figure 11.4: Flood Hazard for the PMF

Prepared By:

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

File Name: Flood Hazard PMF.wor

Central Coast Council



LEGEND

Hazard Categories

- H1 - Generally Safe
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for people and vehicles. Buildings require special design
- H6 - Unsafe for people and vehicles. All buildings vulnerable to failure
- Tuggerah Lake Inundation Area. Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

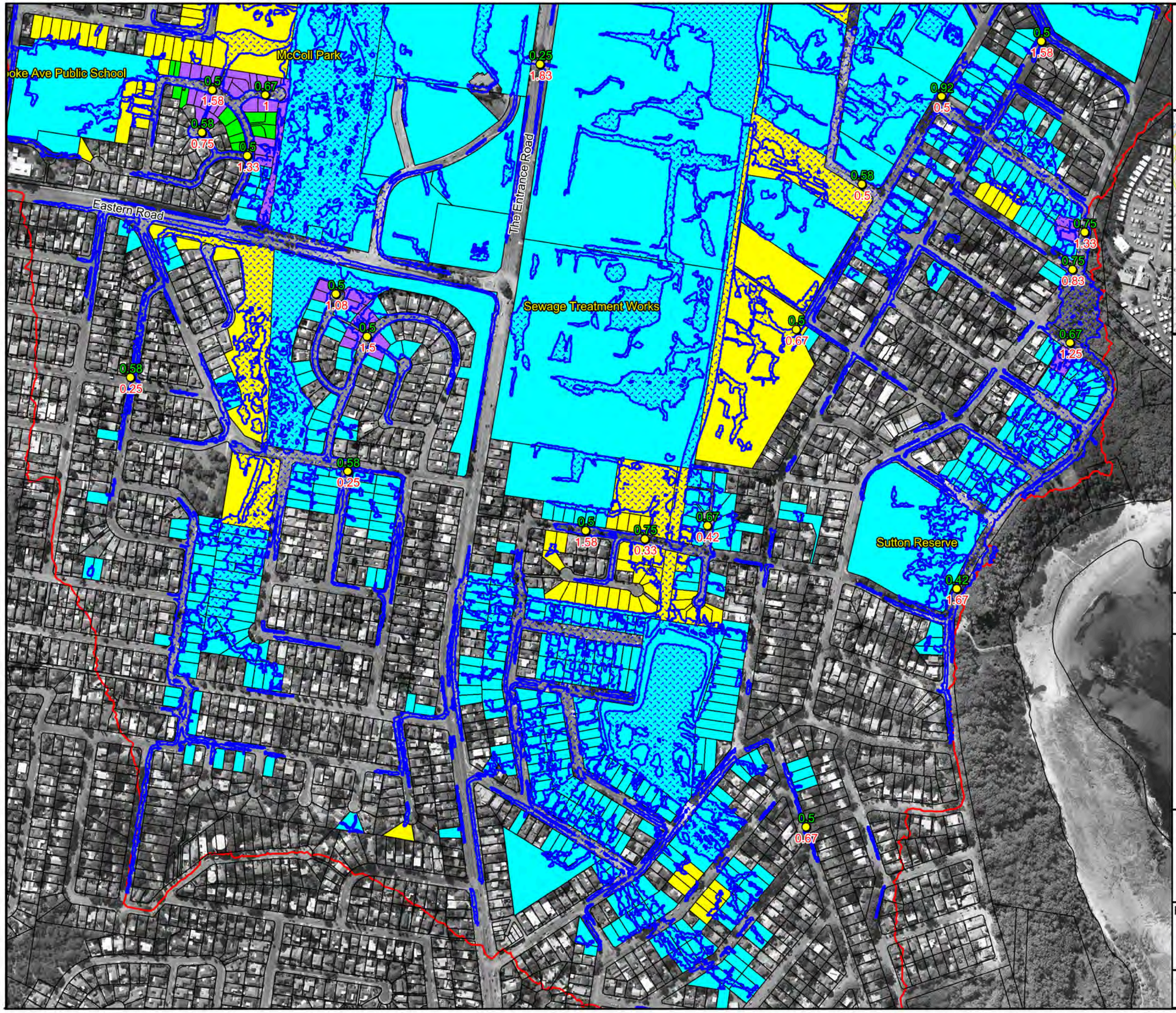
Scale 1:6,000 (at A3)

0 0.15 0.3
Km

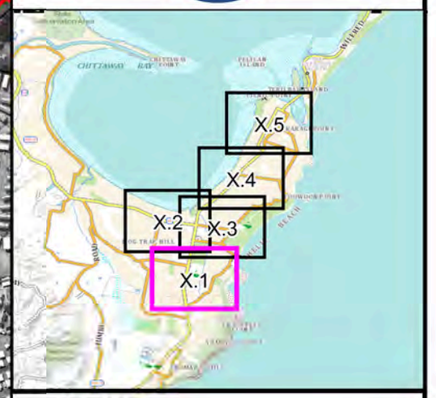
Figure 11.5: Flood Hazard for the PMF

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

File Name: Flood Hazard PMF.wor



Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

0 0.15 0.3 Km

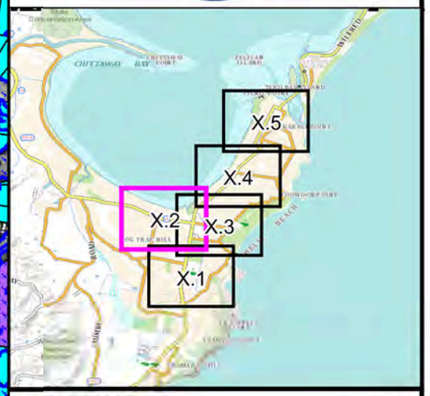
Figure 12.1: Emergency Response Classifications for the 1% AEP Flood

Prepared By:

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

File Name: ERC 1% AEP Flood.wor

Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

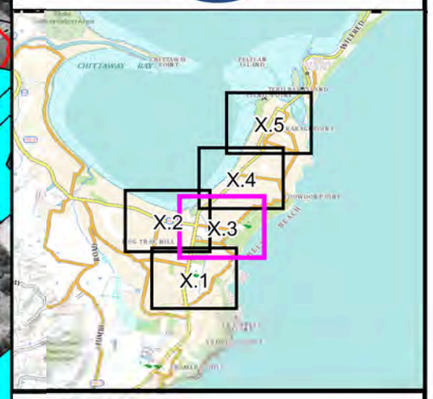
Km

Figure 12.2: Emergency Response Classifications for the 1% AEP Flood

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

File Name: ERC 1% AEP Flood.wor

Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3 Km

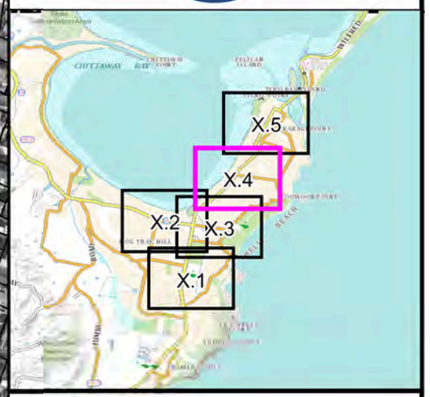
Figure 12.3: Emergency Response Classifications for the 1% AEP Flood

Prepared By:

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

File Name: ERC 1% AEP Flood.wor

Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

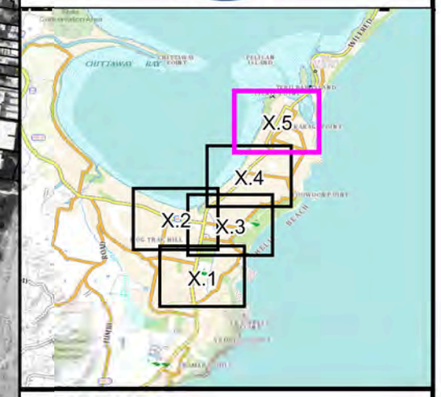
0 0.15 0.3 Km

Figure 12.4: Emergency Response Classifications for the 1% AEP Flood

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

File Name: ERC 1% AEP Flood.wor

Central Coast Council



Picnic Point Reserve

Lakeside Shopping Centre

0.58
1.5
0.58
1.5
0.42
1.67
0.58
1.33
0.5
1.58
0.5
1.58
0.58
0.83
0.5
1.58

LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- 0.67 Time Road First Cut (hours)
- 0.5 Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

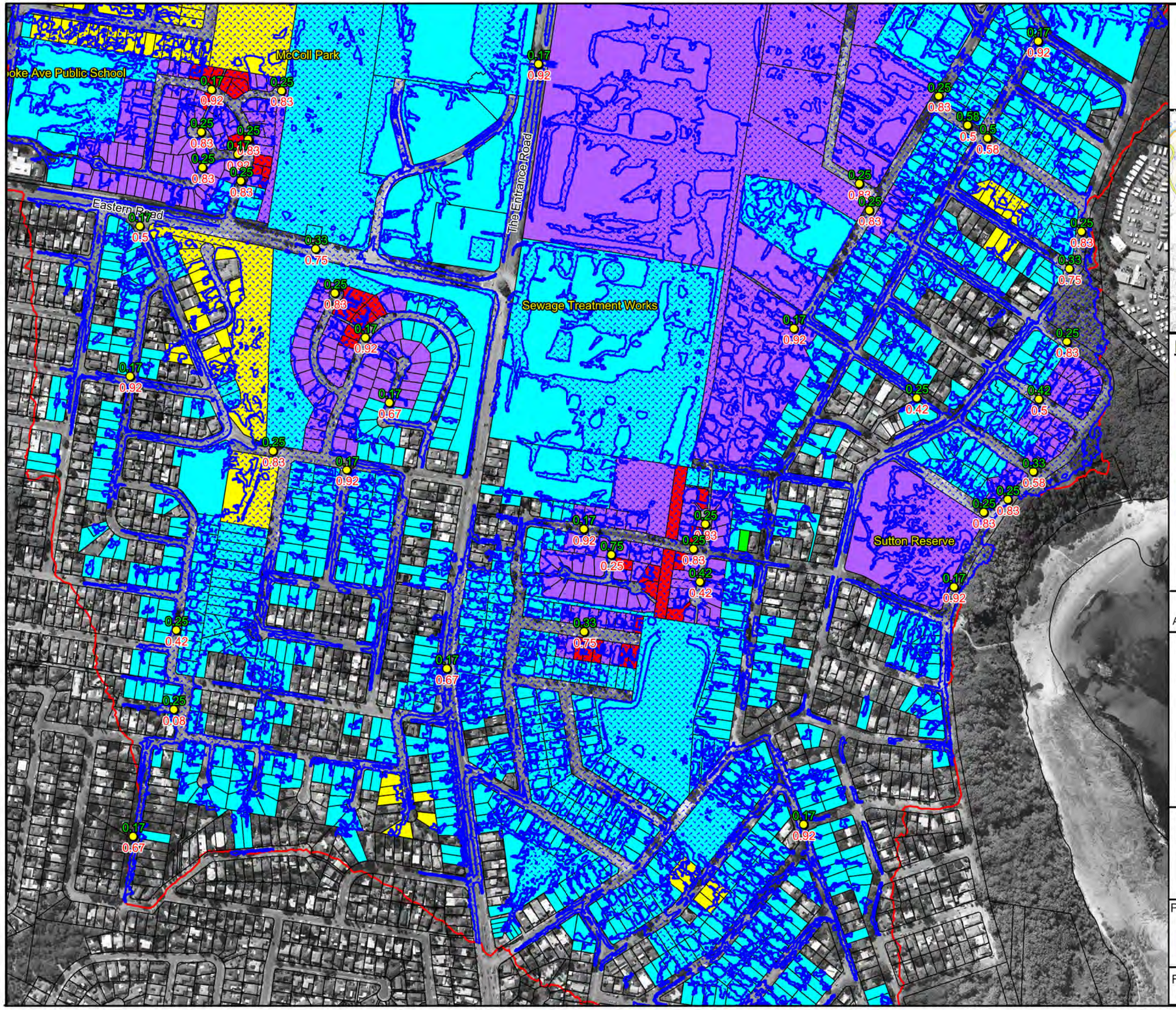
Scale 1:6,000 (at A3)

0 0.15 0.3 Km

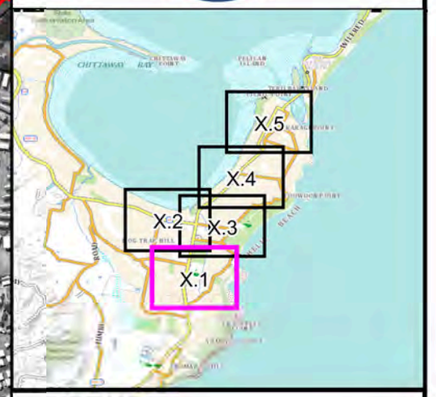
Figure 12.5: Emergency Response Classifications for the 1% AEP Flood

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

File Name: ERC 1% AEP Flood.wor



Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

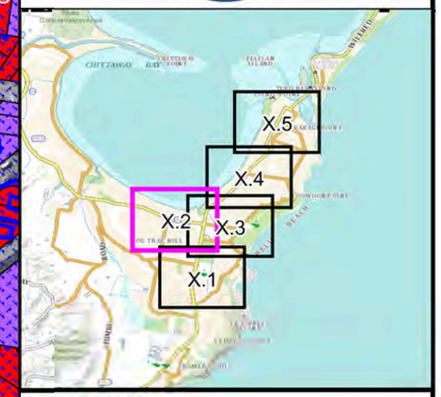
Figure 13.1: Emergency Response Classifications for the PMF

Prepared By:

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

File Name: ERC PMF.wor

Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

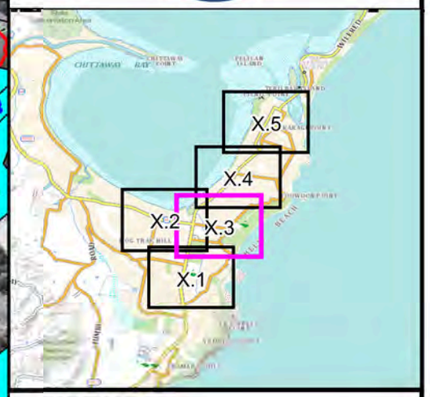
0 0.15 0.3 Km

Figure 13.2: Emergency Response Classifications for the PMF

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

File Name: ERC PMF.wor

Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- 0.67 Time Road First Cut (hours)
- 0.5 Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

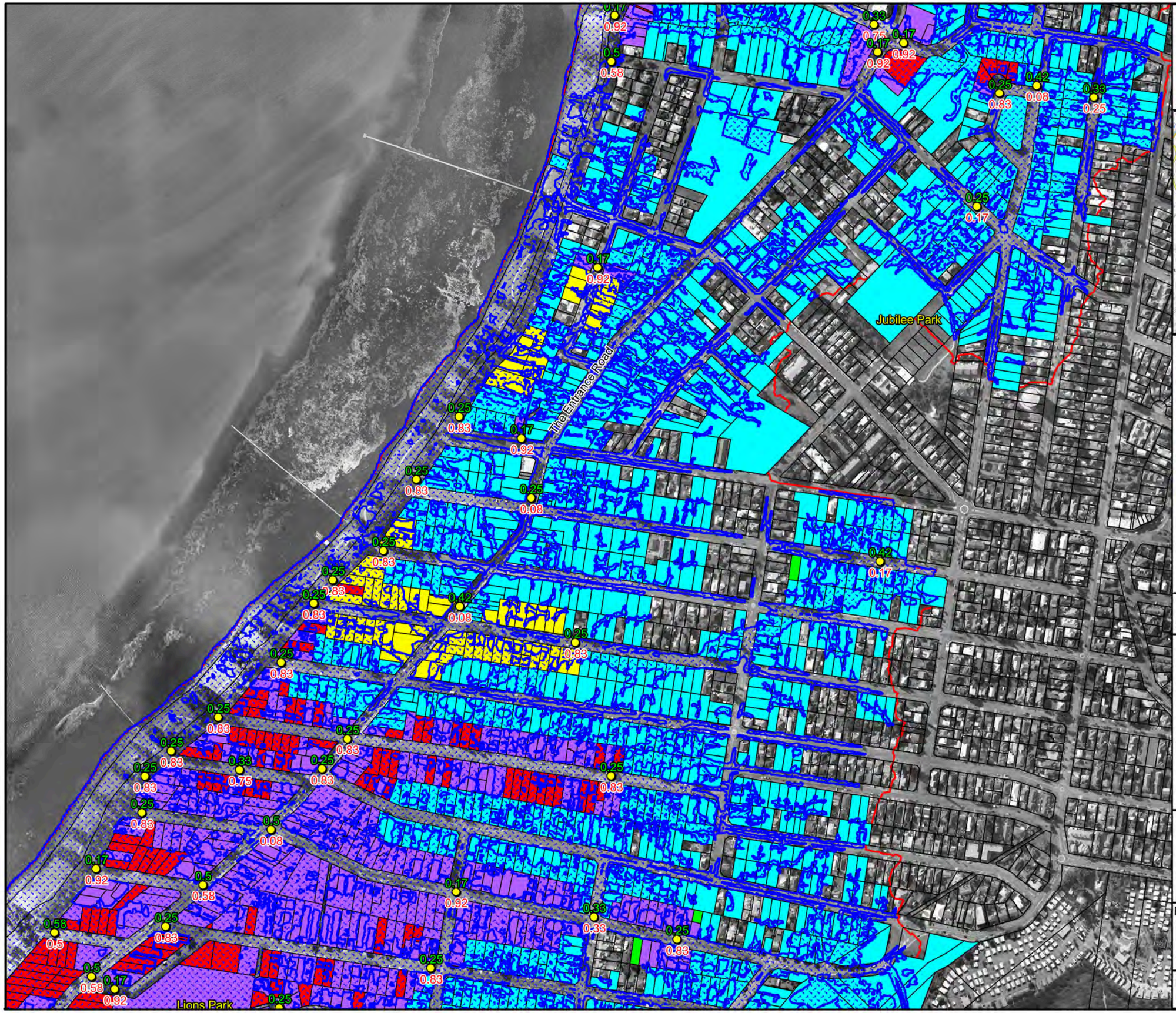
Scale 1:6,000 (at A3)

0 0.15 0.3 Km

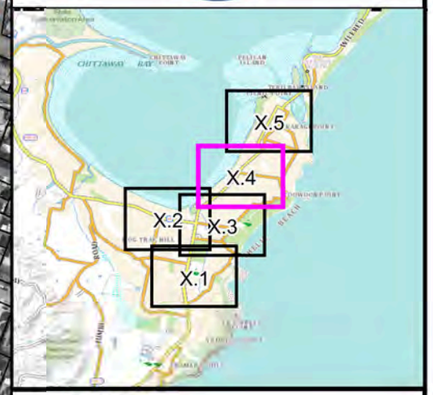
Figure 13.3: Emergency Response Classifications for the PMF

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

File Name: ERC PMF.wor



Central Coast Council



LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N W E S

Scale 1:6,000 (at A3)

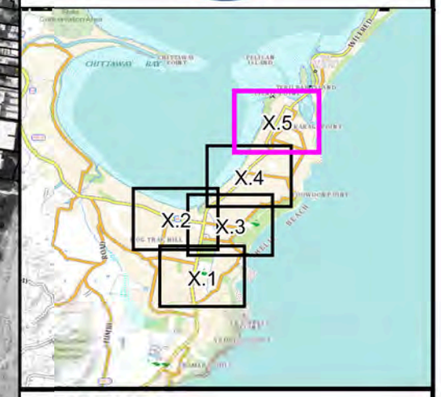
0 0.15 0.3 Km

Figure 13.4: Emergency Response Classifications for the PMF

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

File Name: ERC PMF.wor

Central Coast Council



Picnic Point Reserve

Lakeside Shopping Centre

0.25 0.83
0.25 0.83
0.17 0.92
0.25 0.83
0.17 0.92
0.25 0.83
0.25 0.75
0.17 0.92
0.25 0.67
0.25 0.83
0.25 0.83
0.25 0.67
0.17 0.67
0.25 0.67
0.17 0.92
0.5 0.58
0.33 0.75
0.17 0.92
0.17 0.92
0.25 0.17
0.42

LEGEND

- Flooded Isolated Submerged
- Flooded Isolated Elevated
- Flooded Exit Route Overland Escape
- Flooded Exit Rising Road Egress
- Indirect Consequences
- No Flood Impacts
- Inundation Extent

Road Overtopping Location

- Time Road First Cut (hours)
- Duration Cut (hours)

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

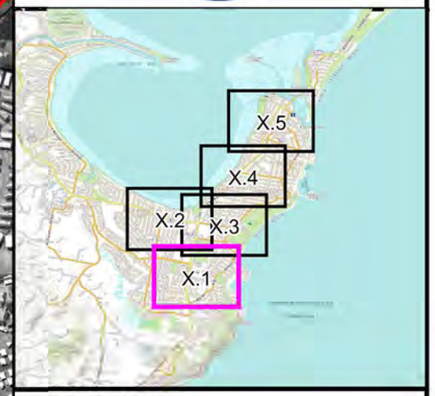
0 0.15 0.3 Km

Figure 13.5: Emergency Response Classifications for the PMF

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

File Name: ERC PMF.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

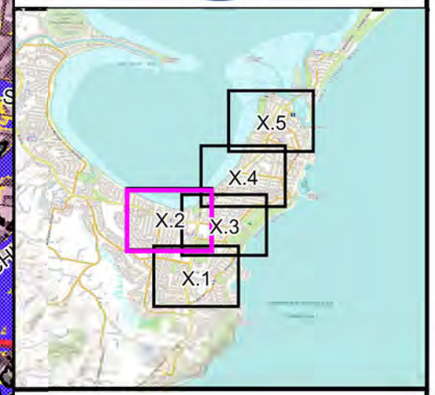
0 0.15 0.3
Km

Figure 14.1: 1% AEP Hydraulic Categories

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

File Name: 1AEP Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.
  Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

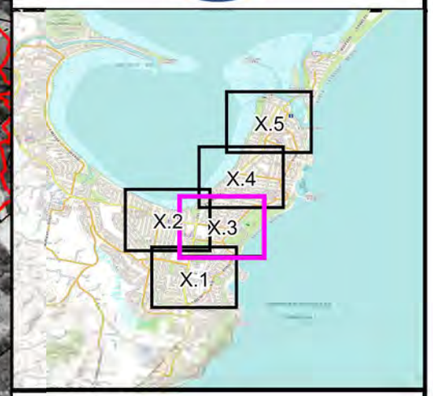
Figure 14.2: 1% AEP Hydraulic Categories

Prepared By:

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

File Name: 1AEP Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

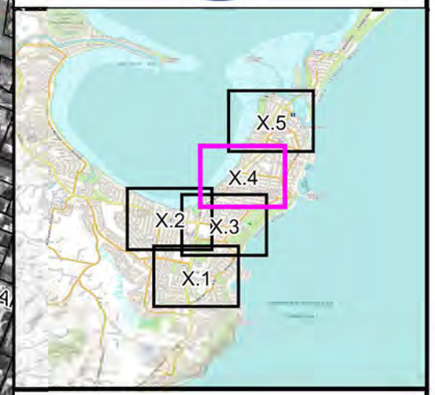
Figure 14.3: 1% AEP Hydraulic Categories

Prepared By:

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

File Name: 1AEP Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

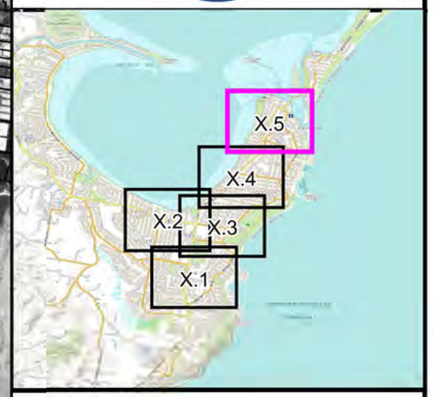
Figure 14.4: 1% AEP Hydraulic Categories

Prepared By:

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

File Name: 1AEP Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

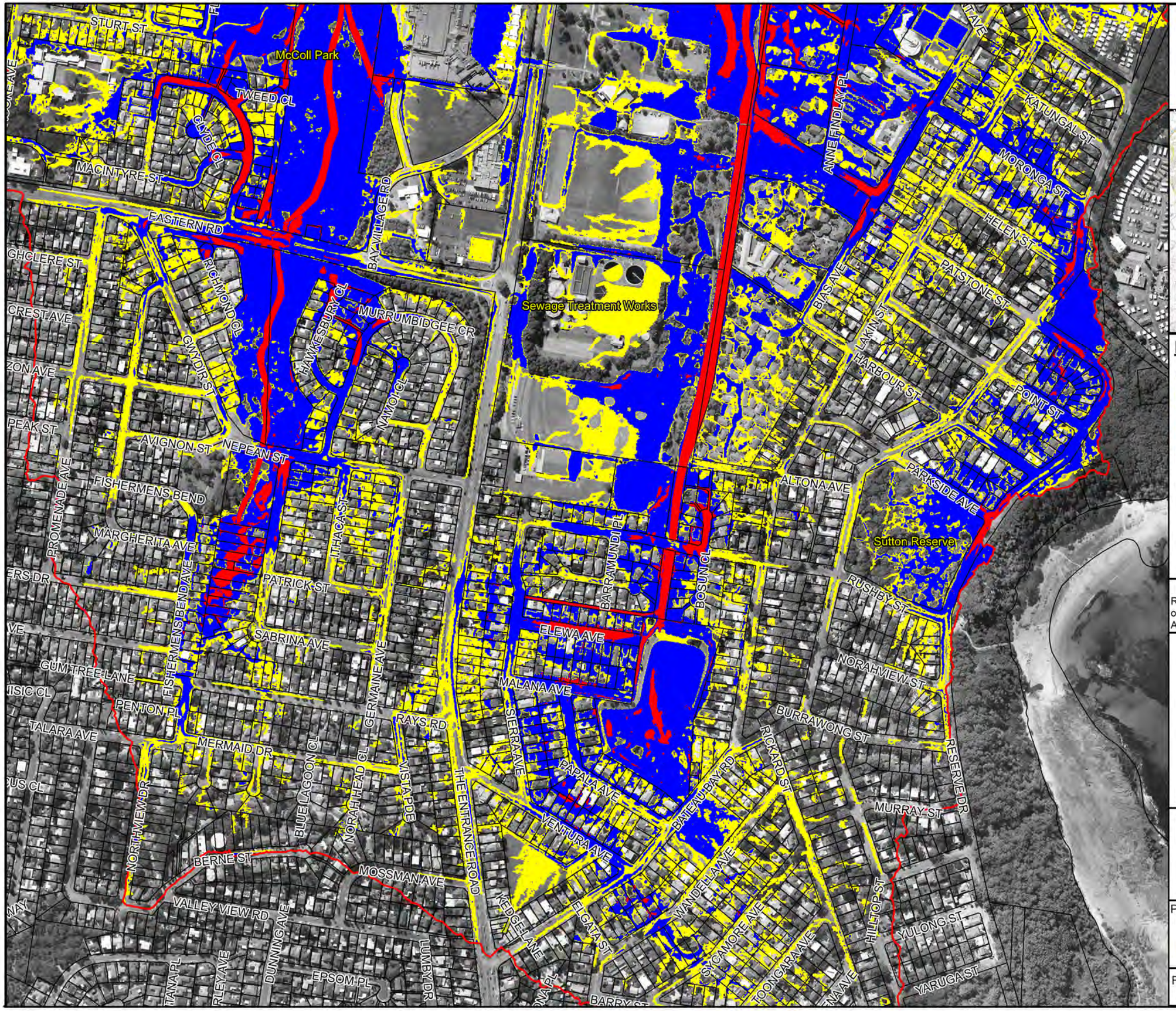
Scale 1:6,000 (at A3)

0 0.15 0.3
Km

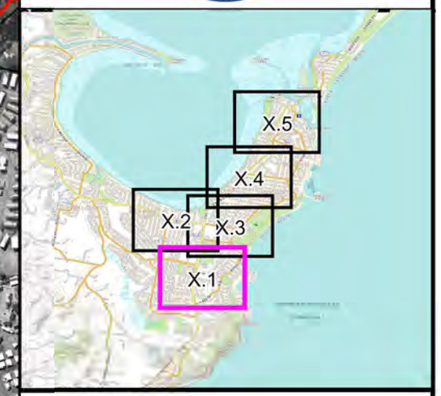
Figure 14.5: 1% AEP Hydraulic Categories

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

File Name: 1AEP Hydraulic Cat.wor



Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3
Km

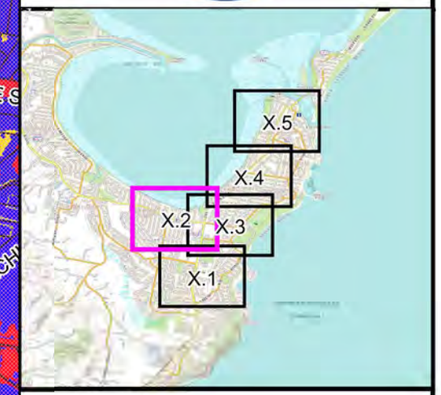
Figure 15.1: PMF Hydraulic Categories

Prepared By:

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

File Name: PMF Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.
  Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

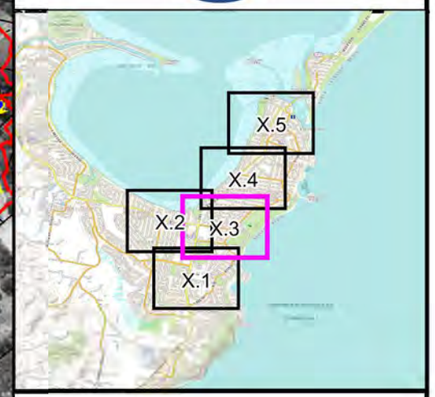
0 0.15 0.3
Km

Figure 15.2: PMF Hydraulic Categories

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

File Name: PMF Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.
  Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

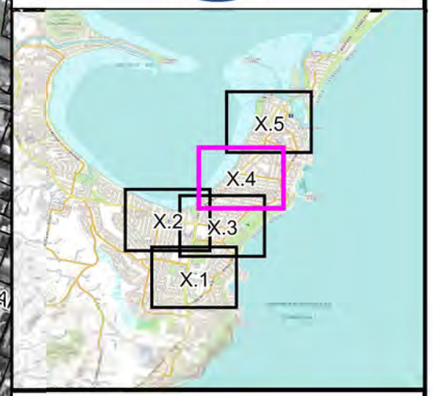
0 0.15 0.3
Km

Figure 15.3: PMF Hydraulic Categories

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

File Name: PMF Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

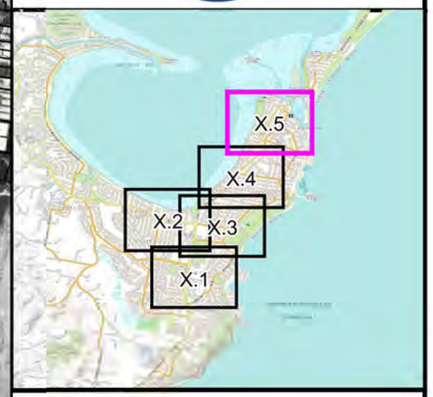
0 0.15 0.3 Km

Figure 15.4: PMF Hydraulic Categories

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

File Name: PMF Hydraulic Cat.wor

Central Coast Council



LEGEND

Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway
- Tuggerah Lake Inundation Area.

Please refer to the 'Tuggerah Lakes Floodplain Risk Management Study and Plan' (2014) for further information

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

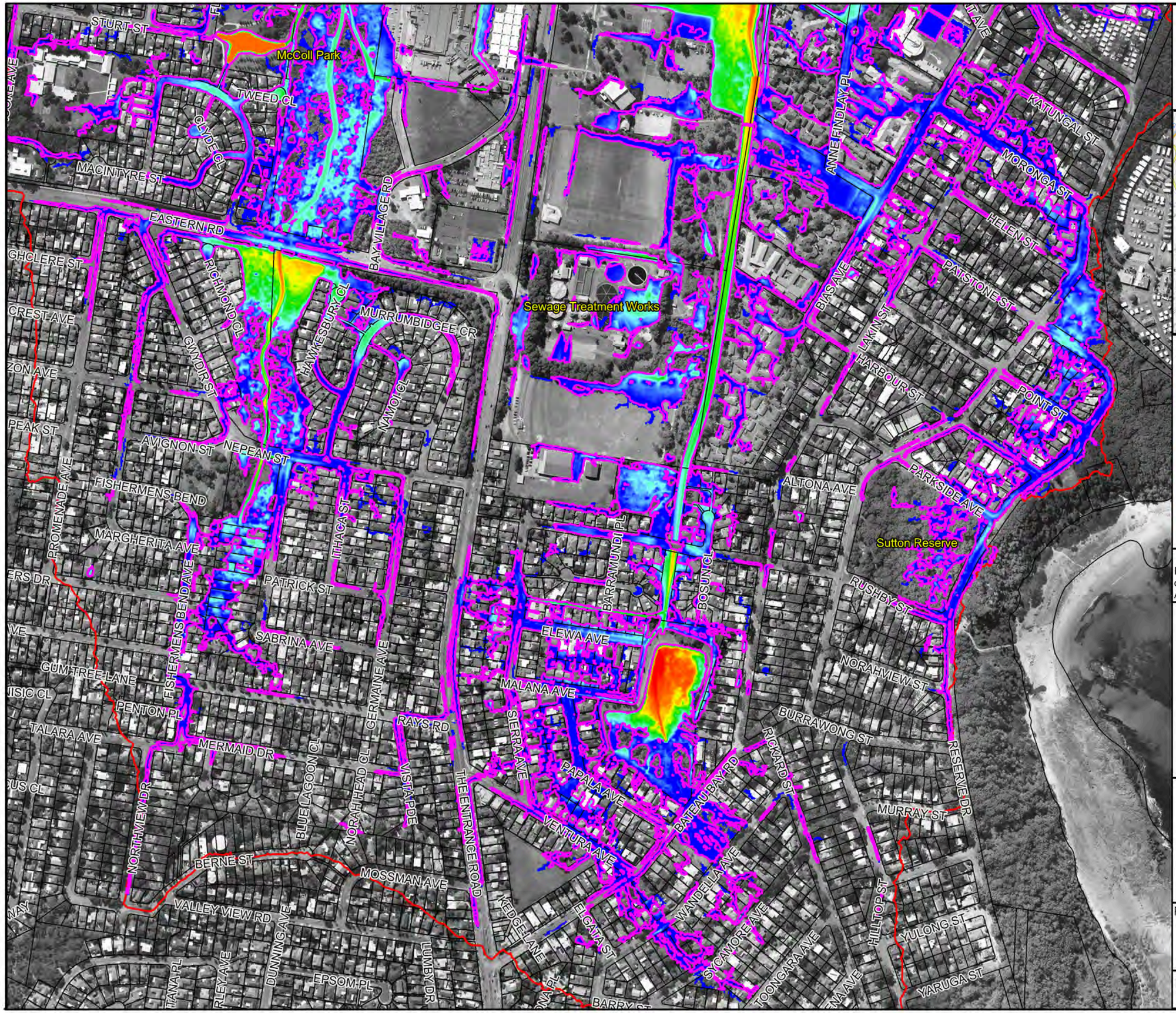
Scale 1:6,000 (at A3)

0 0.15 0.3
Km

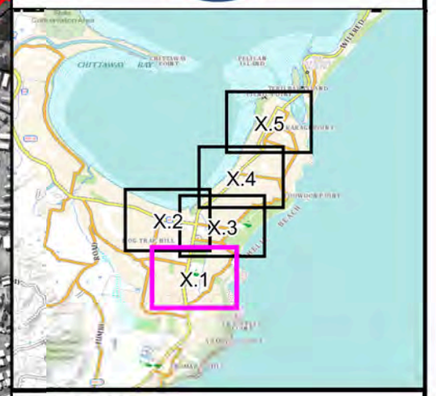
Figure 15.5: PMF Hydraulic Categories

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

File Name: PMF Hydraulic Cat.wor



Central Coast Council



LEGEND

- Catchment Boundary
- 1% AEP Extent

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

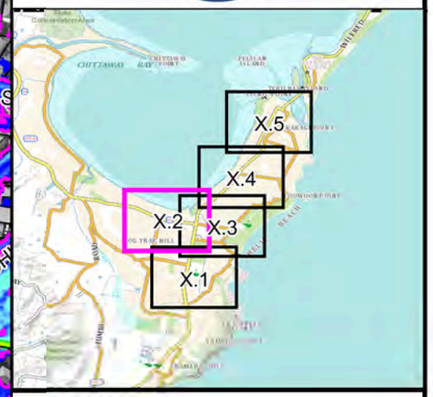
0 0.15 0.3
Km

Figure 16.1
Peak Floodwater Depths for the 1% AEP Flood with 18.6% Increase in Rainfall Intensity associated with Climate Change

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

Depths for the 1% AEP CC186 Flood.wor

Central Coast Council



LEGEND

- Catchment Boundary
- 1% AEP Extent

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

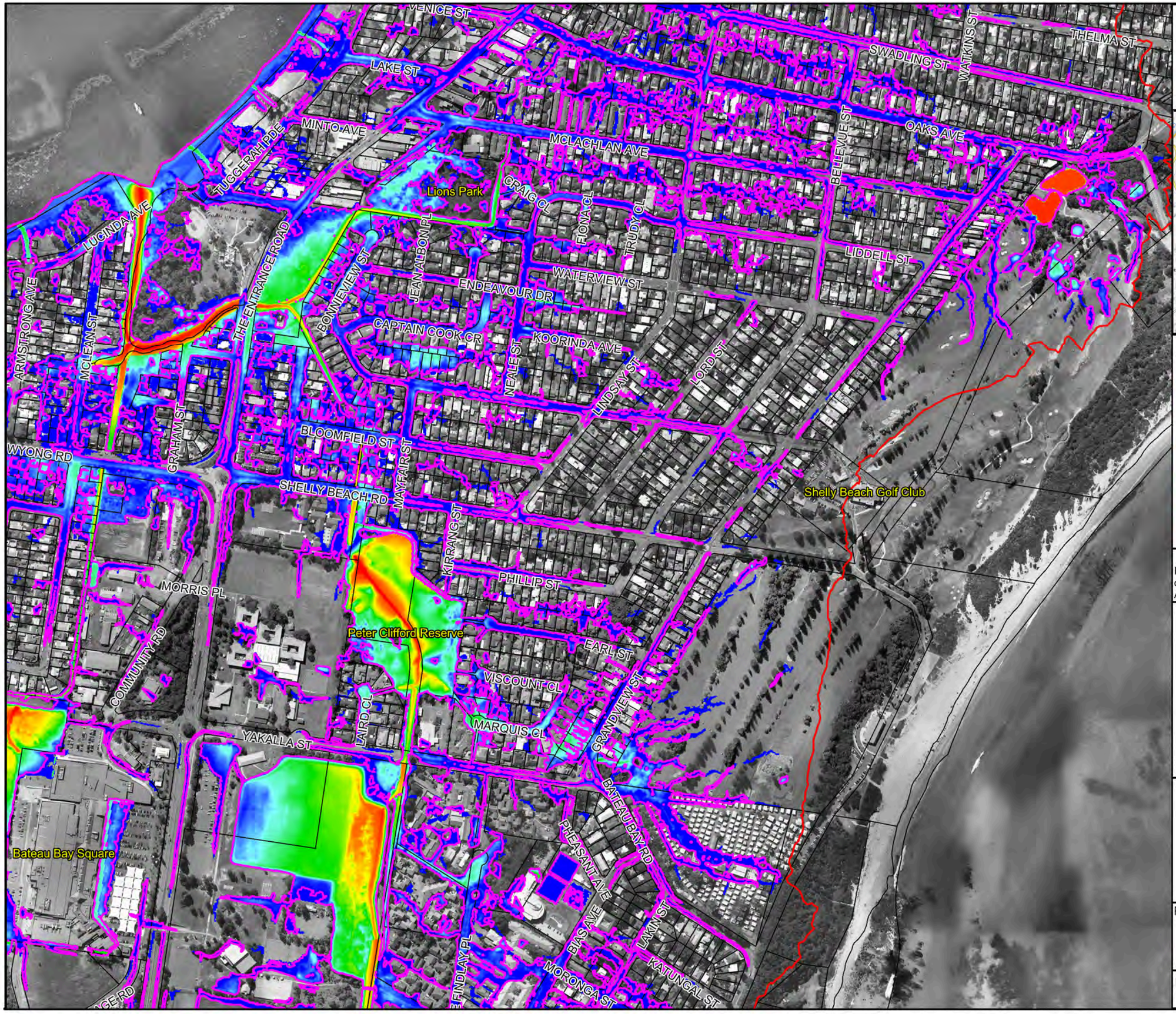
0 0.15 0.3
Km

Figure 16.2
Peak Floodwater Depths for the 1% AEP Flood with 18.6% Increase in Rainfall Intensity associated with Climate Change

Prepared By:

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

Depths for the 1% AEP CC186 Flood.wor



Central Coast Council

LEGEND

- Catchment Boundary
- 1% AEP Extent

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

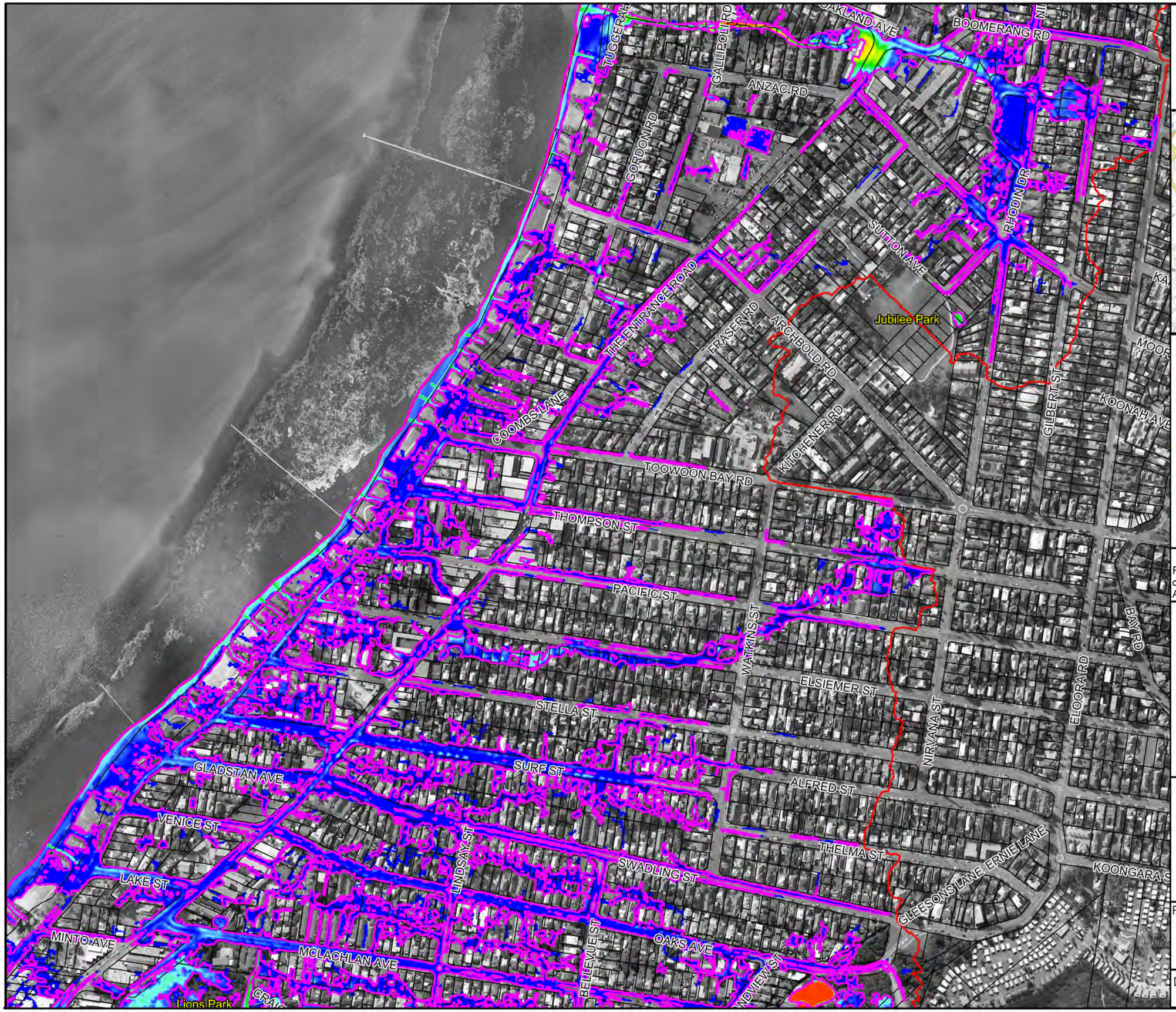
Scale 1:6,000 (at A3)

0 0.15 0.3
Km

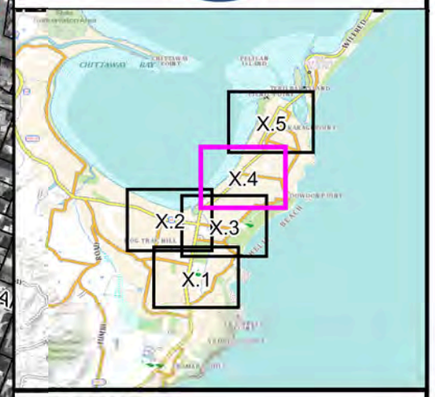
Figure 16.3
Peak Floodwater Depths for the 1% AEP Flood with 18.6% Increase in Rainfall Intensity associated with Climate Change

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

Depths for the 1% AEP CC186 Flood.wor



Central Coast Council



LEGEND

- Catchment Boundary
- 1% AEP Extent

Depths (m)

- <= 0.15
- 0.3
- 0.5
- 1.0
- 2.0
- 3.0

Notes:

Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

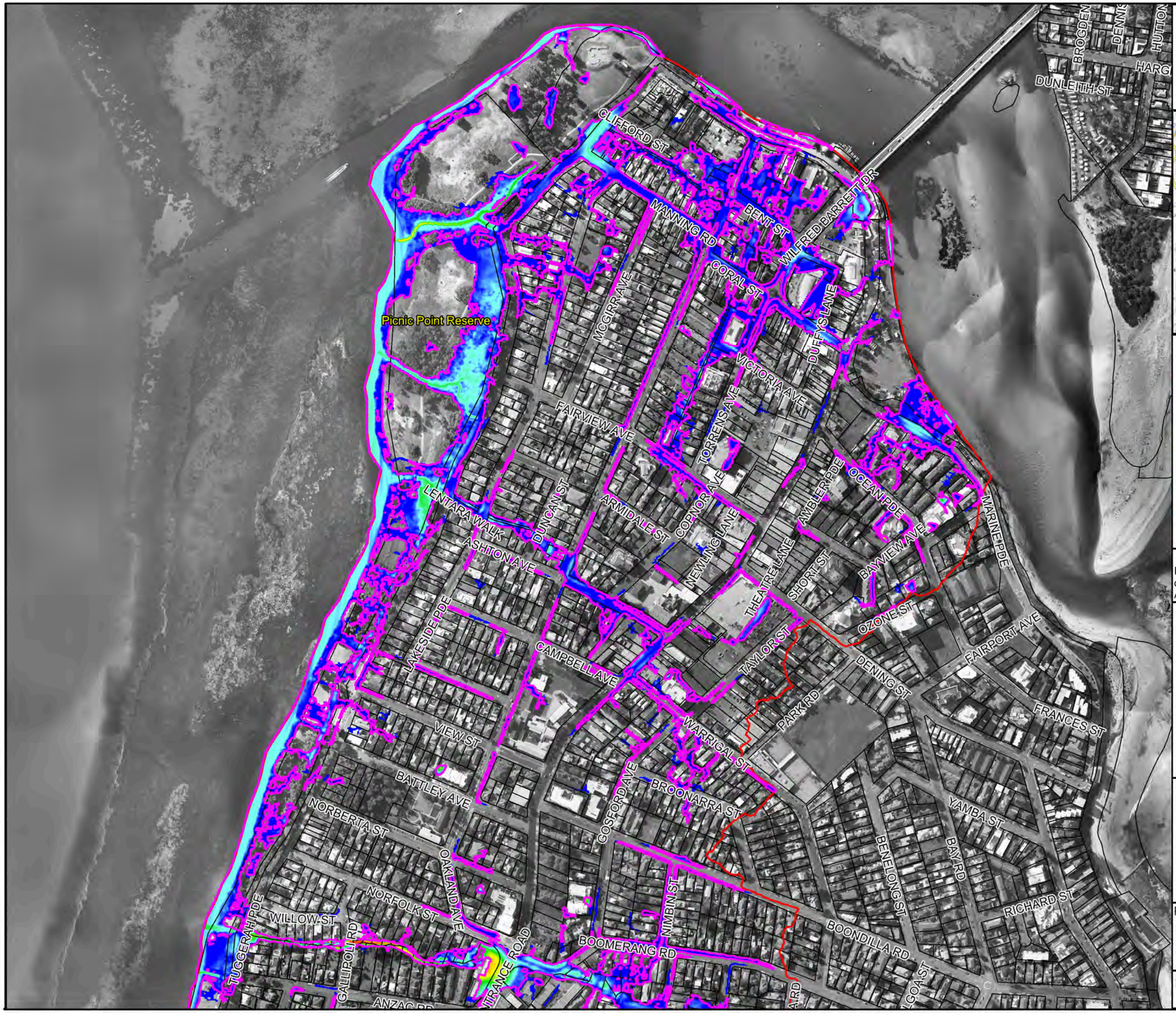
0 0.15 0.3
Km

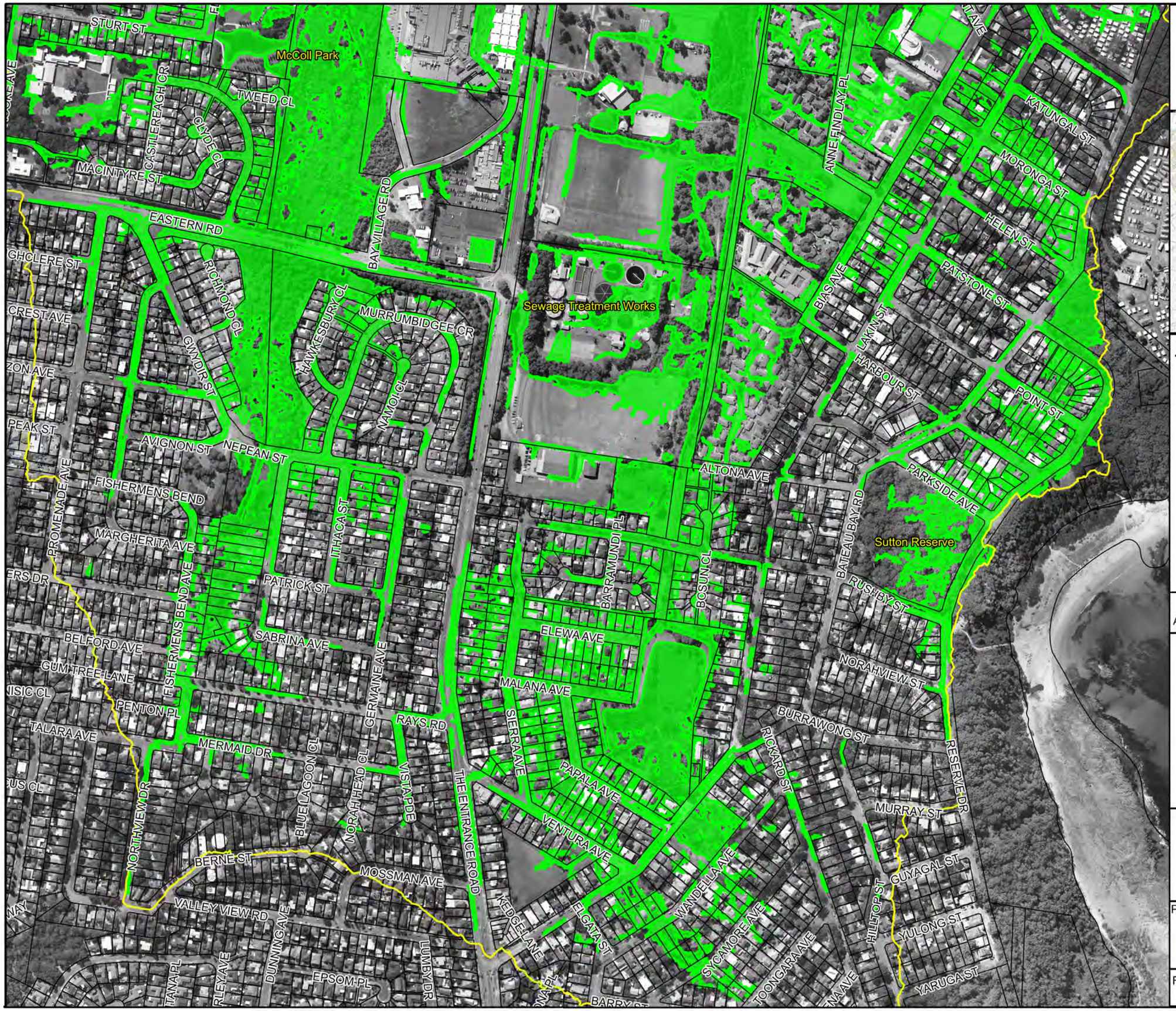
Figure 16.4
Peak Floodwater Depths for the 1% AEP Flood with 18.6% Increase in Rainfall Intensity associated with Climate Change

Prepared By:

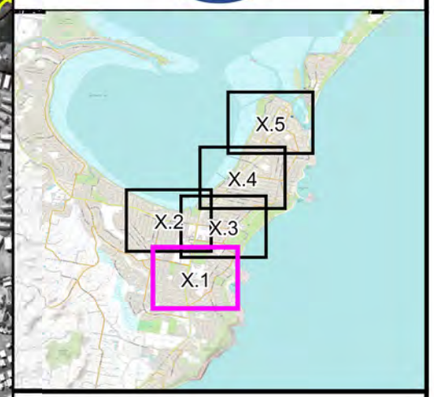
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

Depths for the 1% AEP CC186 Flood.wor


Picnic Point Reserve
CLIFFORD ST
MANNING RD
BENT ST
WILFRED BARRETT DR
CORAL ST
MCGIRR AVE
DUFFYS LANE
VICTORIA AVE
FAIRVIEW AVE
TORRENS AVE
DUNCAN ST
ARMIDALE ST
COPNOR AVE
NEWLING LANE
AMBLER PDE
OCEAN PDE
MARINE PDE
BAYVIEW AVE
SHORT ST
THEATRE LANE
OZONE ST
TAYLOR ST
PARK RD
DENING ST
FAIRPORT AVE
FRANCES ST
LENTARA WALK
ASHTON AVE
LAKESIDE PDE
CAMPBELL AVE
VIEW ST
WARRIGAL ST
BROONARRA ST
GOSFORD AVE
BATTLEY AVE
NORBERTA ST
OAKLAND AVE
NORFOLK ST
WILLOW ST
TUGGERAH PDE
GALLIROLI RD
ANZAC RD
ENTRANCE ROAD
BOOMERANG RD
NIMBIN ST
BOONDILLA RD
BENELONG ST
BAY RD
YAMBA ST
RICHARD ST
DUNLEITH ST
HARG
BROGDEN
DENNIS
HUTTON
Central Coast Council
X.5
X.4
X.3
X.2
X.1
LEGEND
Catchment Boundary
1% AEP Extent
Depths (m)
<= 0.15
0.3
0.5
1.0
2.0
3.0
Notes:
Results are filtered based on criteria in Section 3.2.2 of Volume 1
Aerial photograph date: 2013
N
W
E
S
Scale 1:6,000 (at A3)
0
0.15
0.3
Km
Figure 16.5
Peak Floodwater Depths for the 1% AEP Flood with 18.6% Increase in Rainfall Intensity associated with Climate Change
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000
Depths for the 1% AEP CC186 Flood.wor



Central Coast Council



LEGEND

- Catchment Boundary
- Flood Planning Area

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

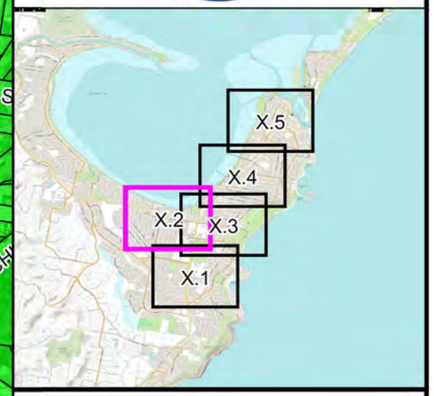
0 0.15 0.3 Km

Figure 17.1
Flood Planning Area

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

Flood Planning Area.wor

Central Coast Council



LEGEND

- Catchment Boundary
- Flood Planning Area

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

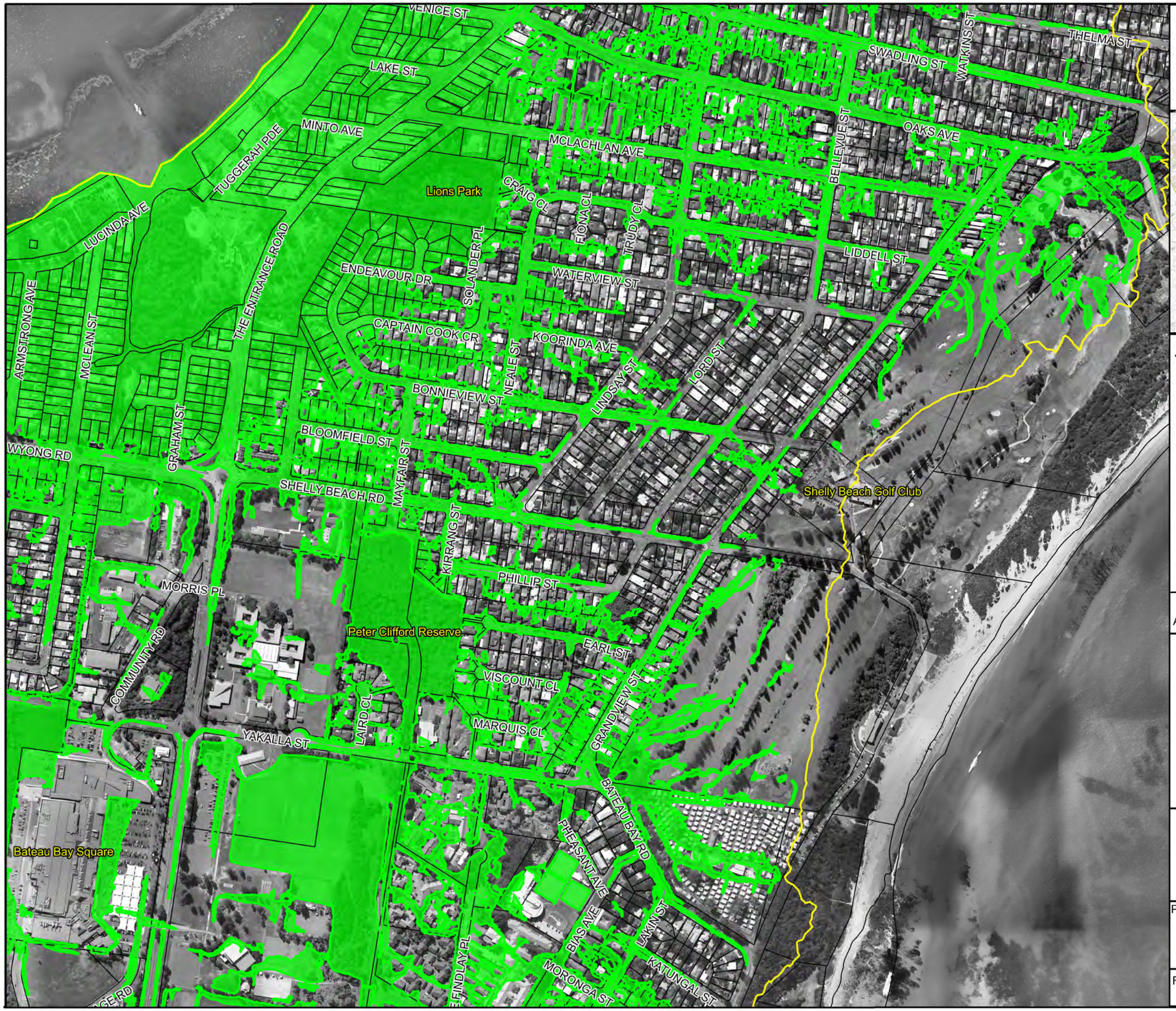
0 0.15 0.3 Km

Figure 17.2
Flood Planning Area

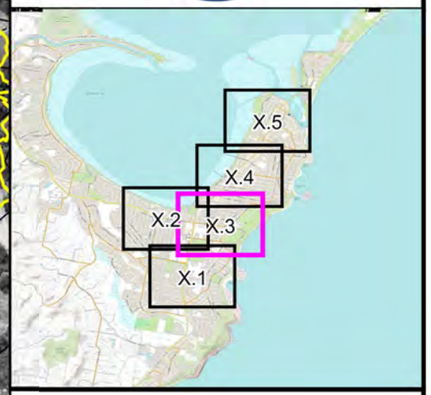
Prepared By:

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

Flood Planning Area.wor



Central Coast Council



LEGEND

- Catchment Boundary
- Flood Planning Area

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3

Km

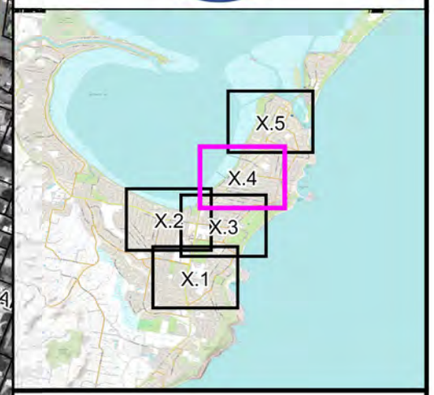
Figure 17.3
Flood Planning Area

Prepared By:

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

Flood Planning Area.wor

Central Coast Council



LEGEND

- Catchment Boundary
- Flood Planning Area

Notes:

Aerial photograph date: 2013

N
W E
S

Scale 1:6,000 (at A3)

0 0.15 0.3 Km

Figure 17.4
Flood Planning Area

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

Flood Planning Area.wor


Picnic Point Reserve
CLIFFORD ST
MANNING RD
BENT ST
WILFRED BARRETT DR
CORAL ST
MCGIRR AVE
DUFFYS LANE
VICTORIA AVE
FAIRVIEW AVE
TORRENS AVE
DUNLEITH ST
BROGDEN
DENNIS
HUTTON
HARG
LENTARA WALK
ASHTON AVE
DUNCAN ST
ARMIDALE ST
COPNOR AVE
NEWLING LANE
AMBLER PDE
OCEAN PDE
MARINE PDE
THEATRE LANE
SHORT ST
BAYVIEW AVE
OZONE ST
TAYLOR ST
LAKESIDE PDE
CAMPBELL AVE
PARK RD
DENING ST
FAIRPORT AVE
FRANCES ST
VIEW ST
WARRIGAL ST
BATTLEY AVE
BROONARRA ST
GOSFORD AVE
NORBERTA ST
OAKLAND AVE
YAMBA ST
BENELONG ST
BAY RD
RICHARD ST
NORFOLK ST
NIMBIN ST
BOONDILLA RD
TUGGERAH PDE
WILLOW ST
GALLIPOLI RD
BOOMERANG RD
ENTRANCE ROAD
ANZAC RD
Central Coast Council
X.5
X.4
X.2
X.3
X.1
LEGEND
Catchment Boundary
Flood Planning Area
Notes:
Aerial photograph date: 2013
N
W
E
S
Scale 1:6,000 (at A3)
0
0.15
0.3
Km
Figure 17.5
Flood Planning Area
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000
Flood Planning Area.wor

Central Coast Council

LEGEND

Land Zoning Categories

B1	R1
B2	R2
B4	R3
B6	RE1
E1	RE2
E2	SP1
E3	SP2
IN2	

Notes:

Aerial photograph date: 2013

N

W E

S

Scale 1:24,000 (at A3)

0 0.5 1.0

Km

Figure 18:
Local Environmental Plan (LEP) Zoning

Prepared By:

Catchment Simulation Solutions

Suite 2.01, 210 George St

Sydney, NSW 2000

File Name: Environmental Planning.wor