# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-078-1p_CC_RCP8.5_w2090SLR_5k.mxd
Rev: 04
Date: 2023-05-31

## Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

Flood Depth (m)

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.17

Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000




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- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.18

Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
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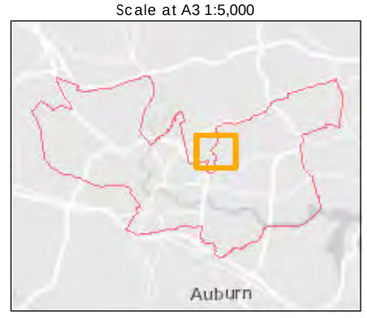
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.19

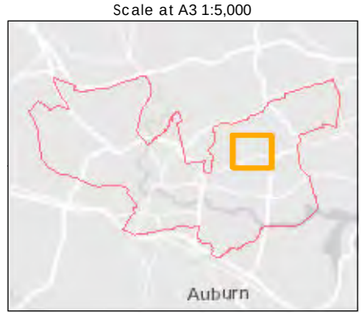
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.20

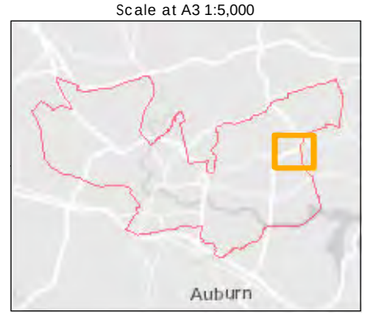
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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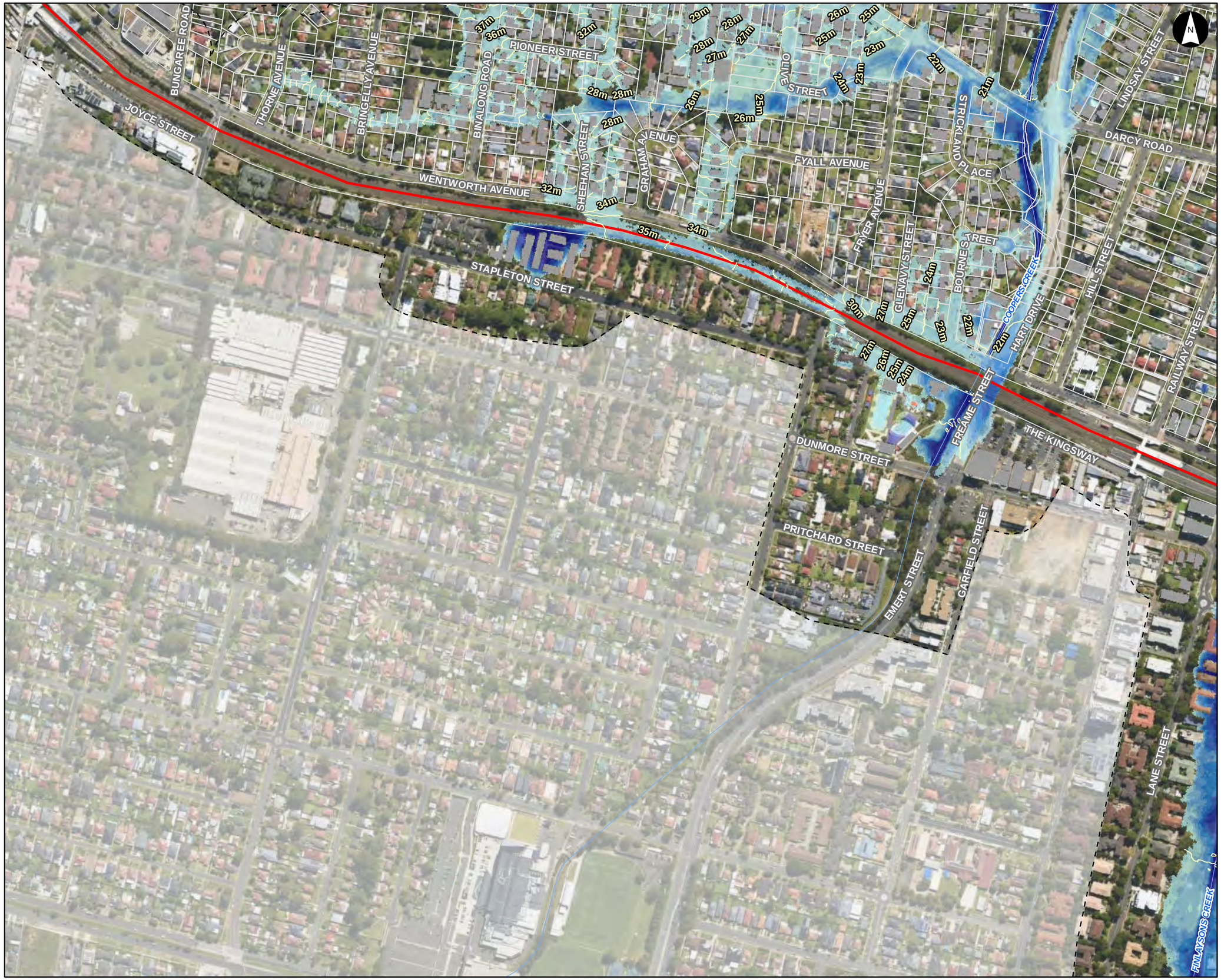


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Legend

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- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.21

Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
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Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000

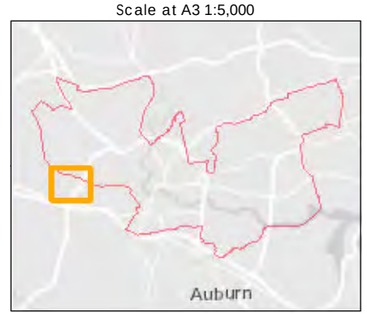




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Figure N8.22

Notes:
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References:
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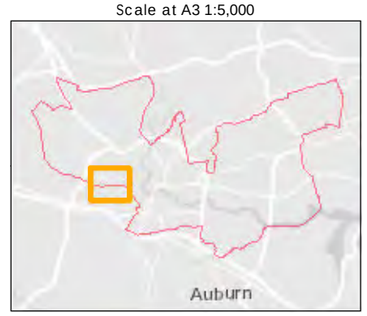
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 1.00 - 1.50
- > 1.50

Figure N8.23

Notes:
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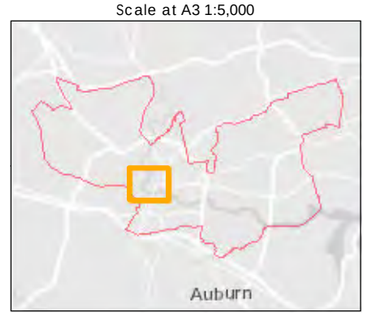
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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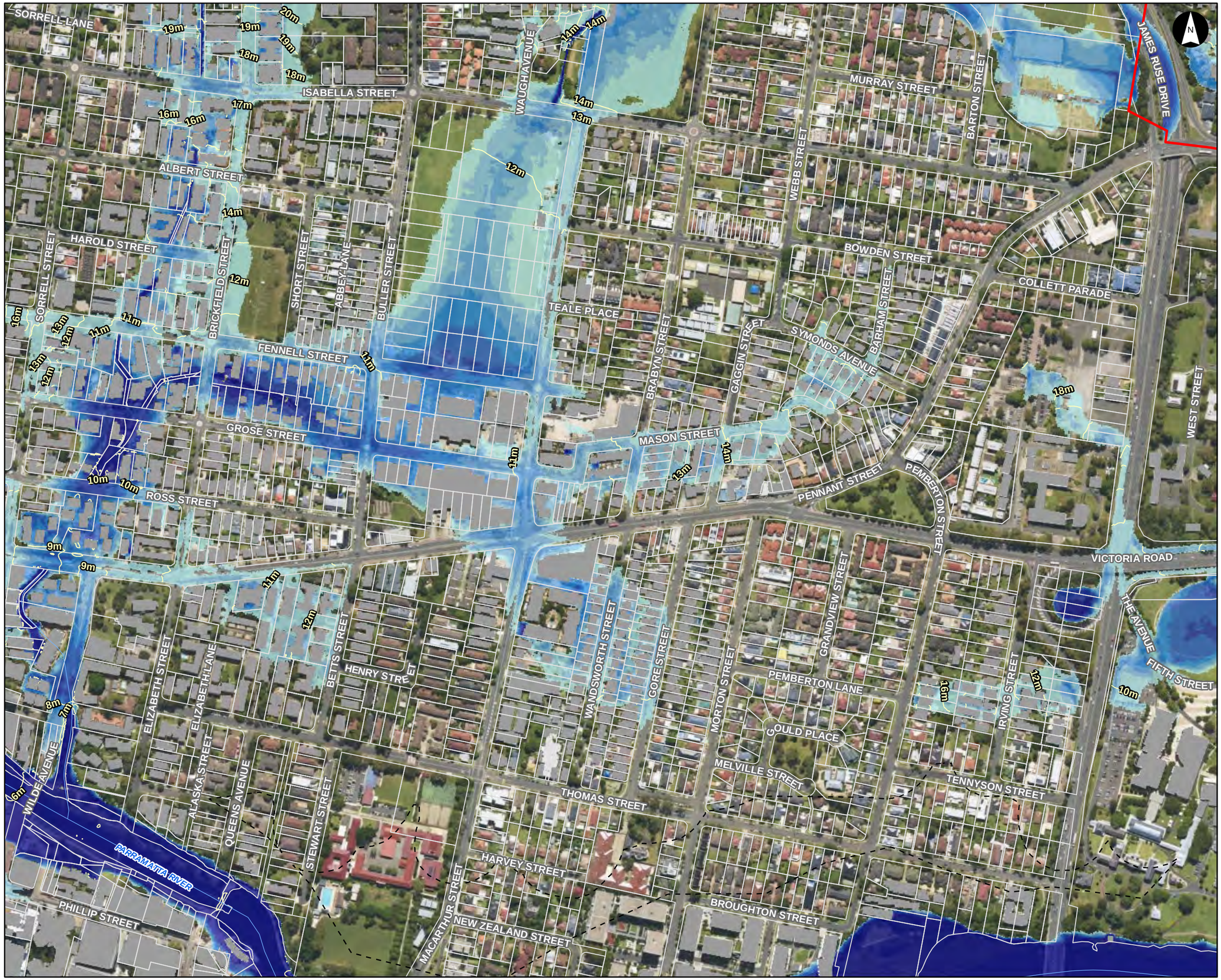


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- 0.70 - 1.00
- 1.00 - 1.50
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Figure N8.24

Notes:
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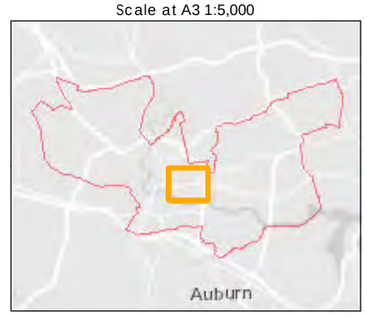
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.25

Notes:
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References:
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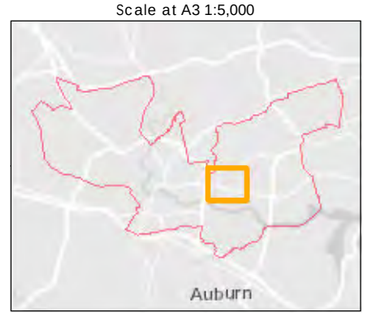
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.26

Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
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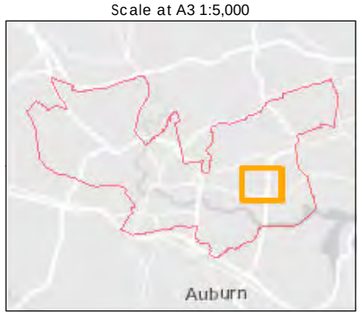
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.27

Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
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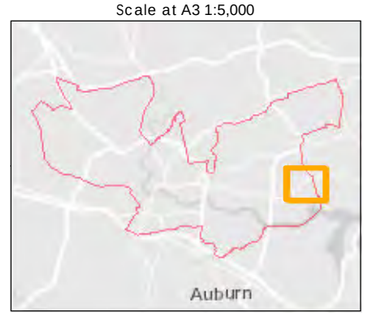
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.28

Notes:
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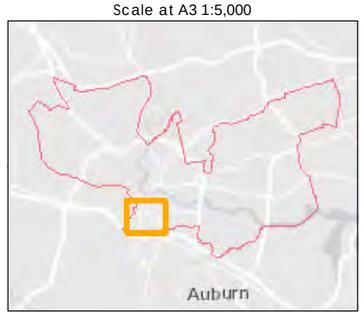
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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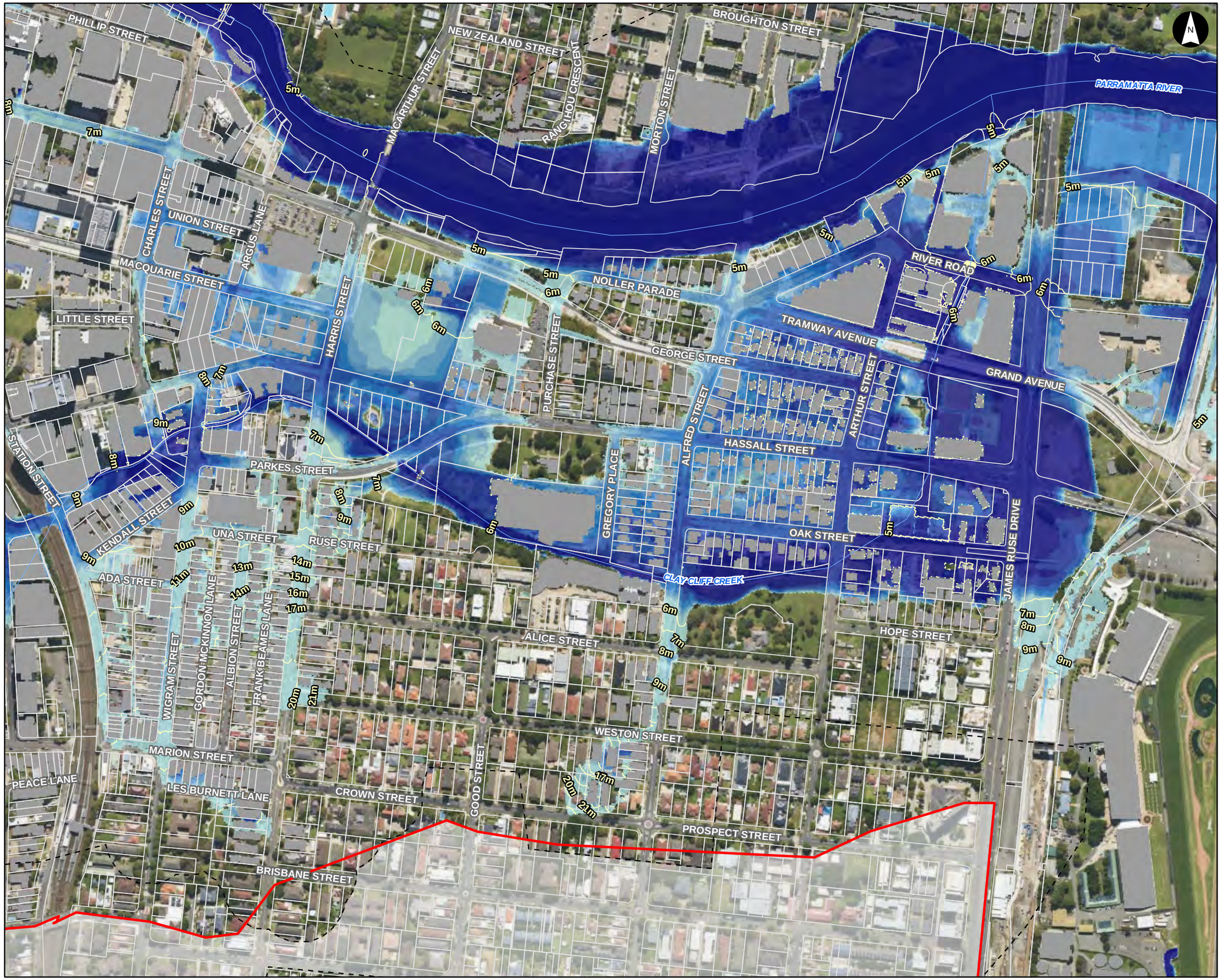


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- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.29

Notes:
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References:
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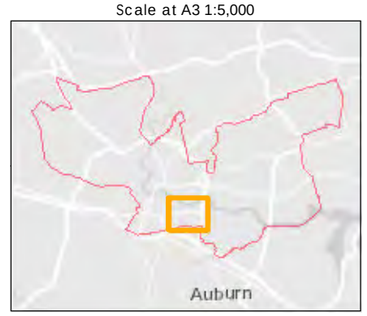
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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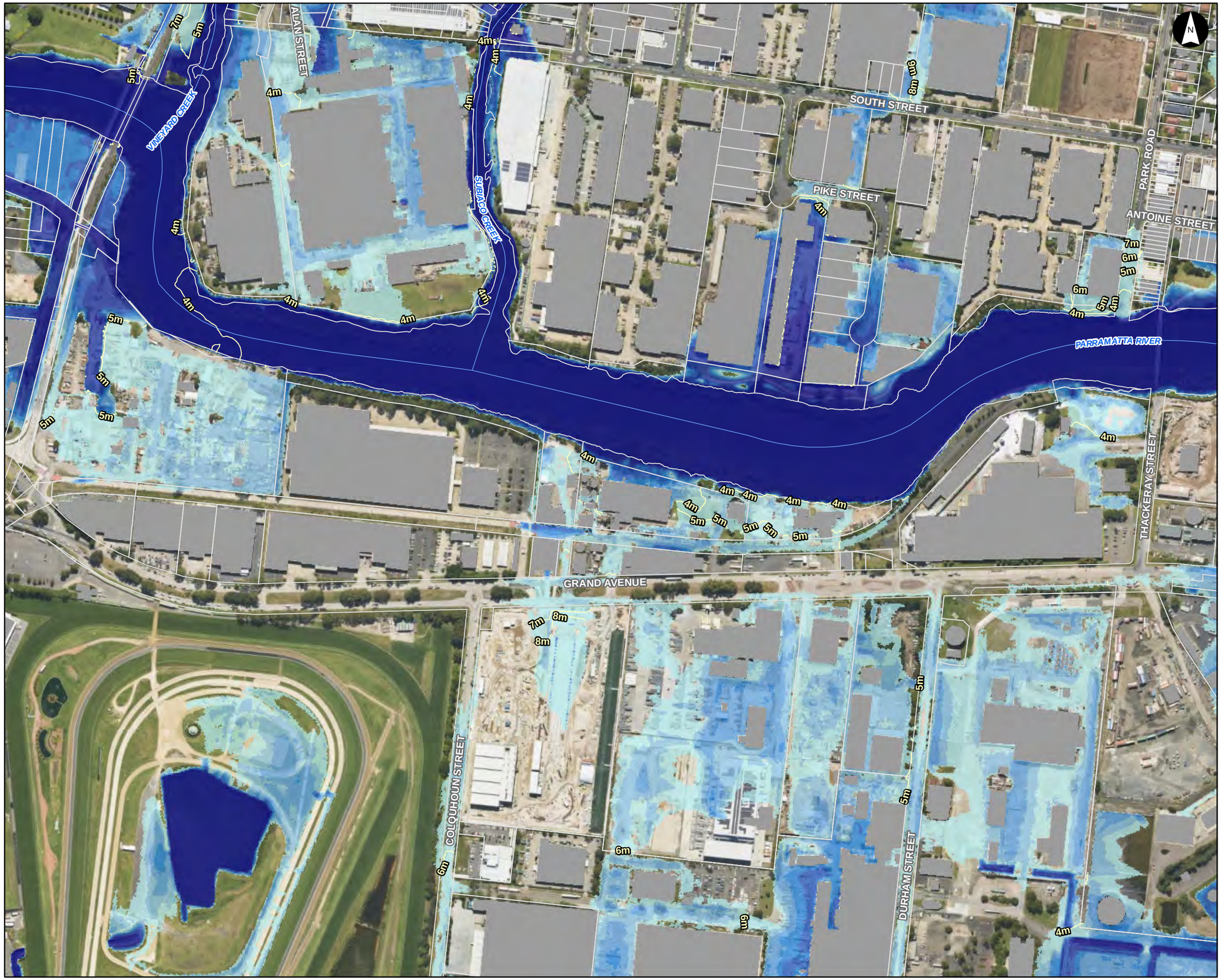


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- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.30

Notes:
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References:
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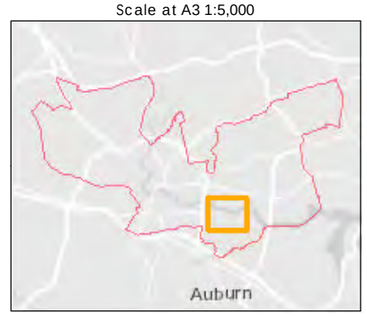
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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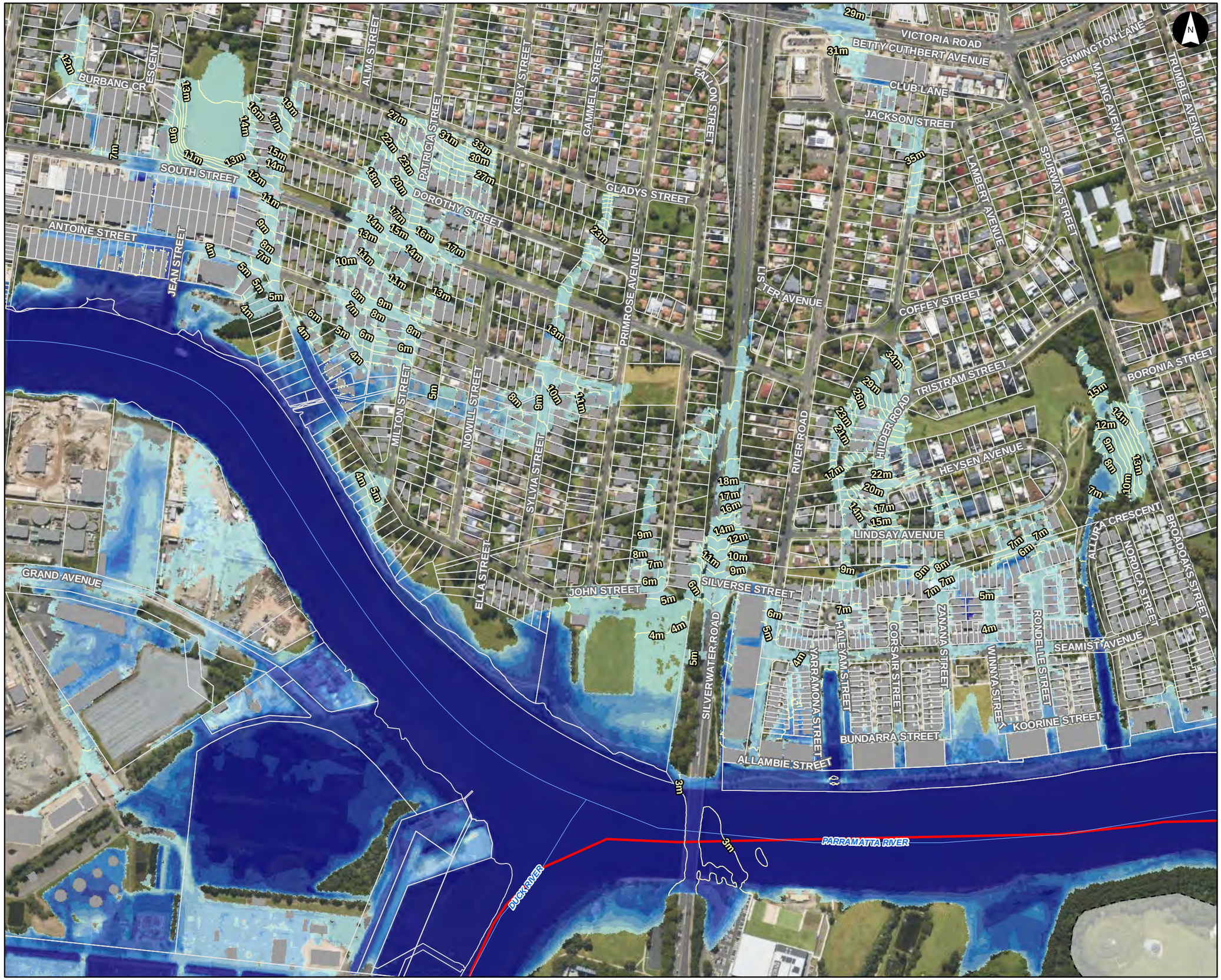


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- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.31

Notes:
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References:
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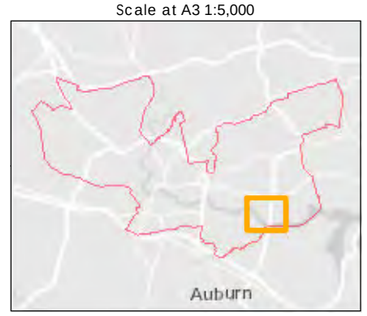
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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- 0.70 - 1.00
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- > 1.50

Figure N8.32

Notes:
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References:
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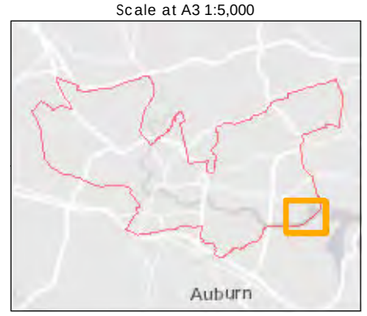
Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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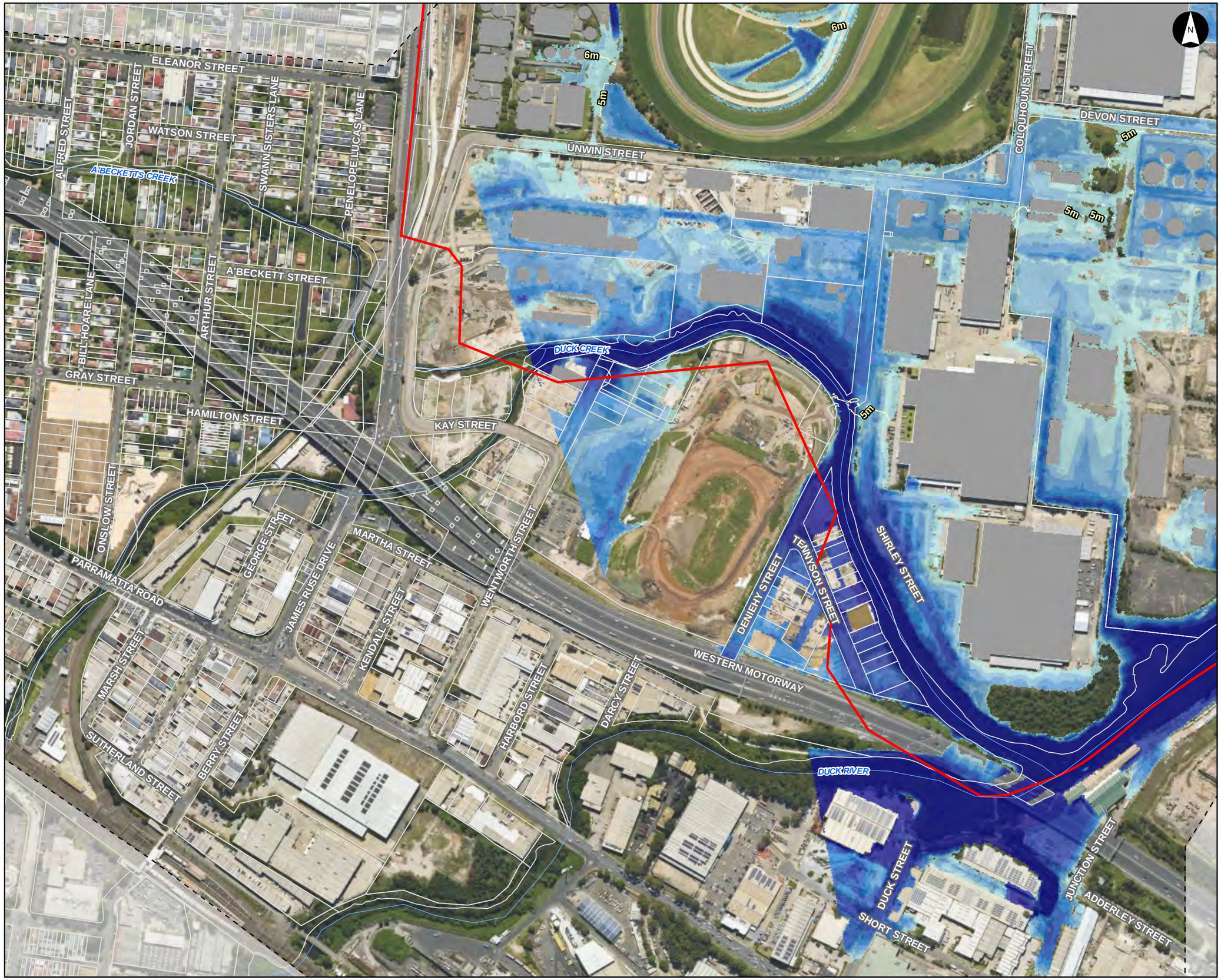


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- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

Flood Depth (m)

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.33

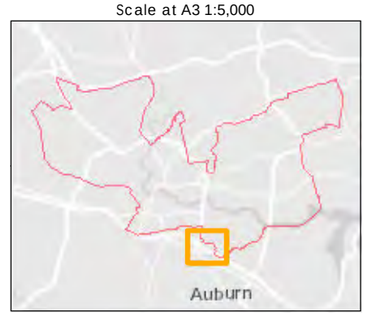
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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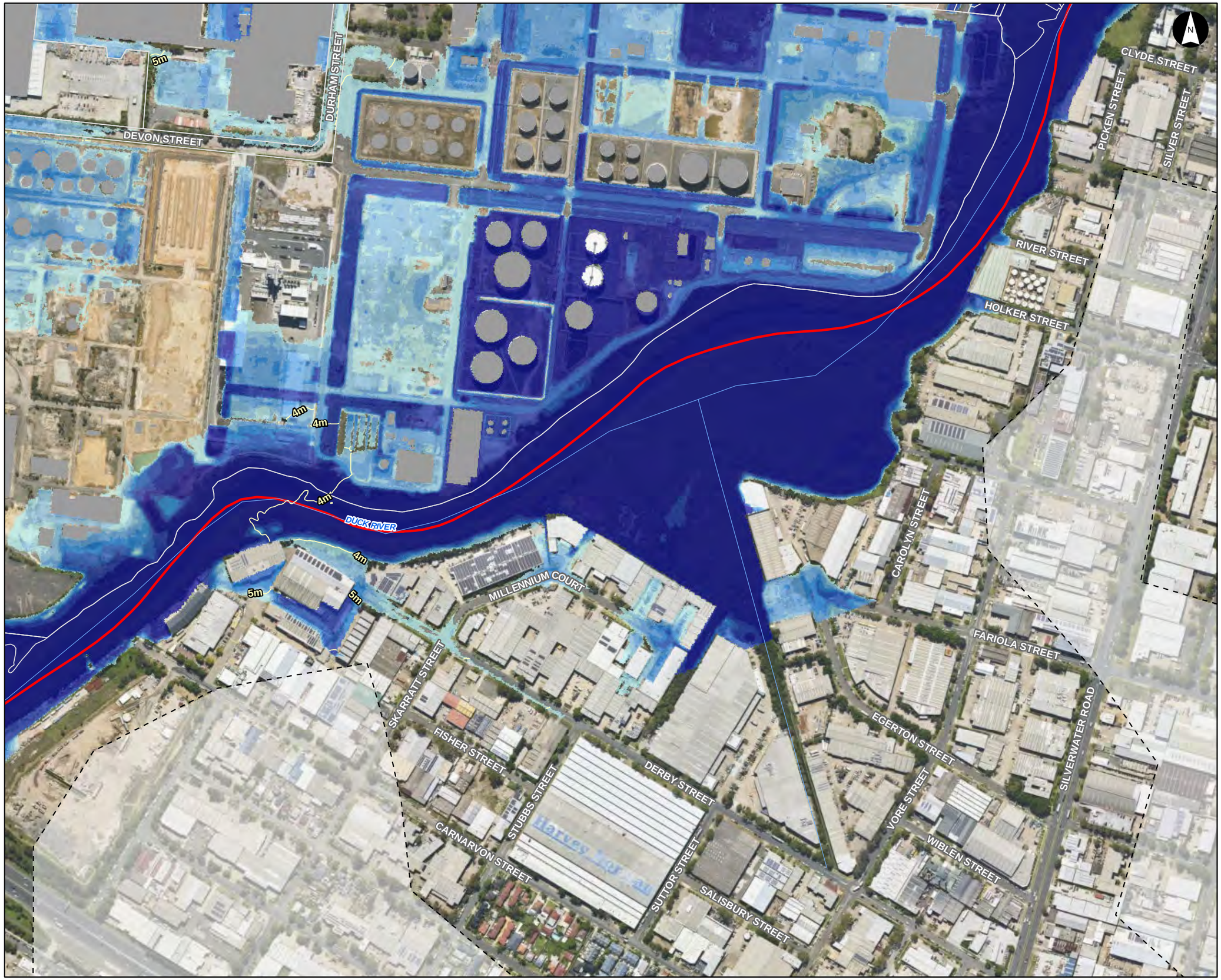



Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-078-1p_CC_RCP8.5_w2090SLR_5k.mxd
Rev: 04
Date: 2023-05-31

Legend

- Study Area
- Watercourse
- 1m Flood Level Contour (mAHD)
- Cadastre
- Building Footprint
- Tuflow Model Extent

Flood Depth (m)

- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 0.70
- 0.70 - 1.00
- 1.00 - 1.50
- > 1.50

Figure N8.34

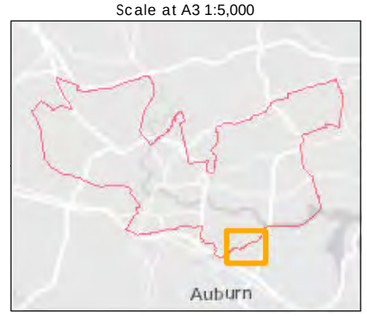
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

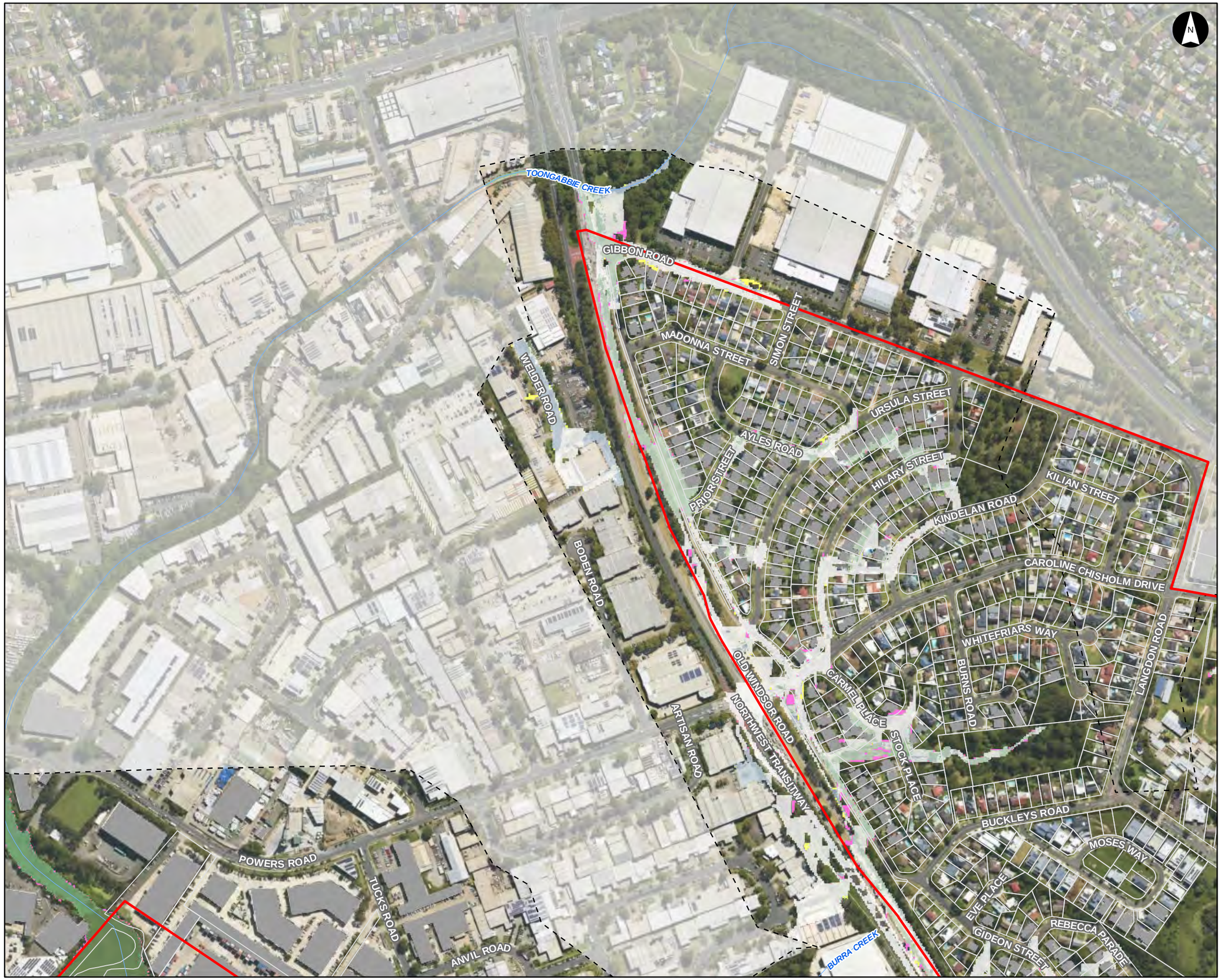
References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000






# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.1

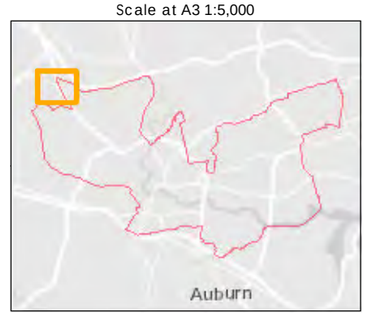
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.2

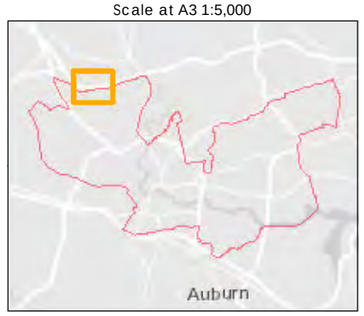
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.3

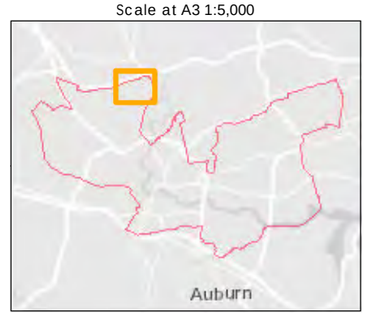
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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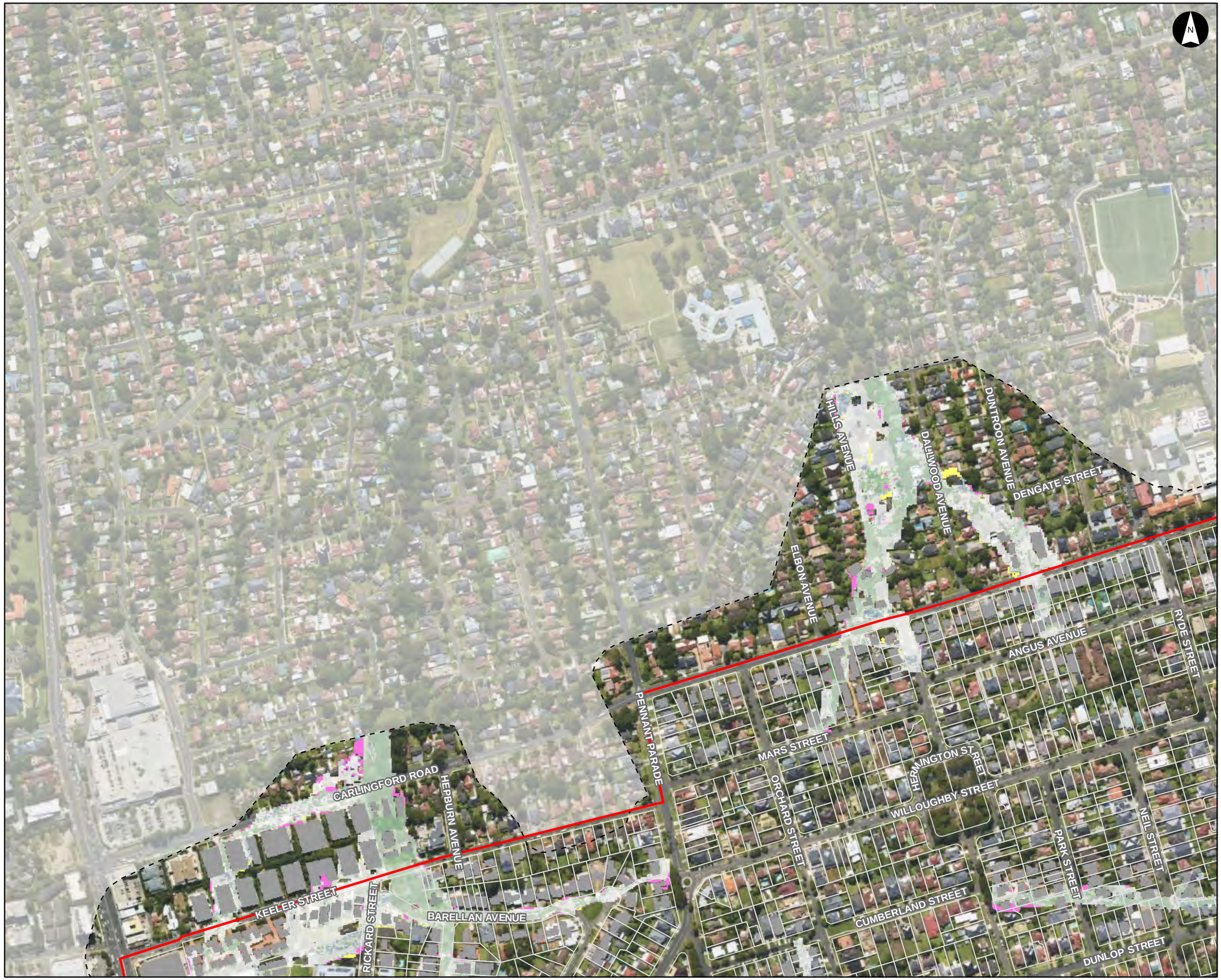



Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.4

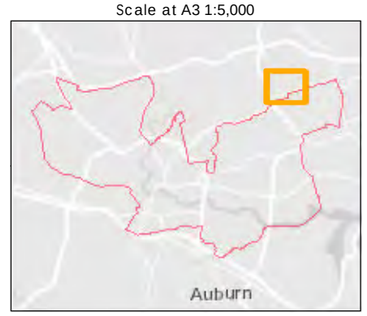
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.5

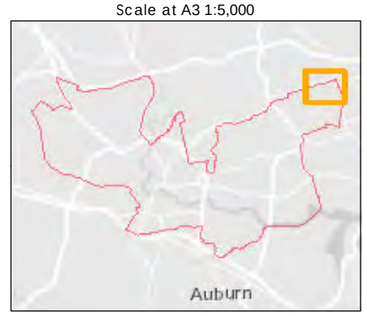
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.6

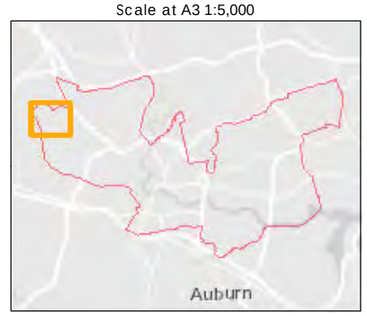
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.7

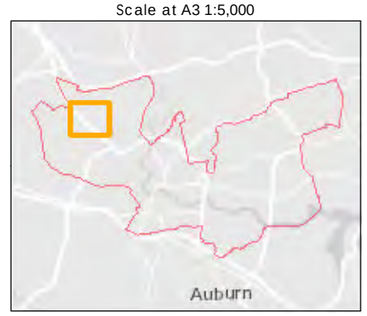
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.8

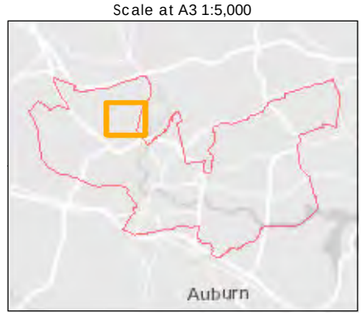
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.9

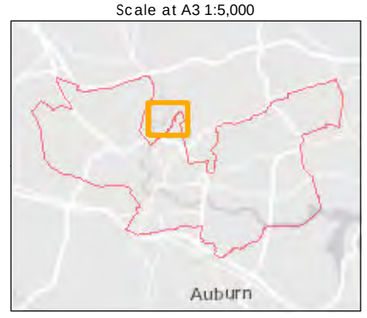
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.10

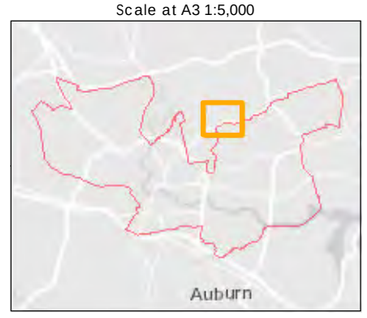
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.11

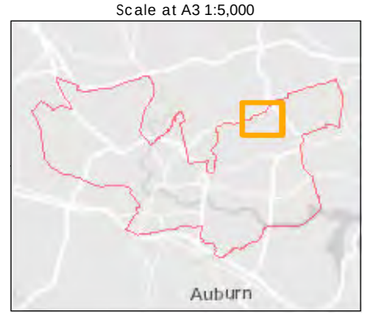
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.12

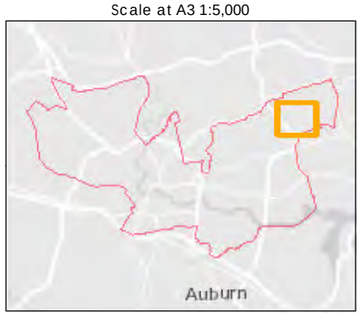
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.13

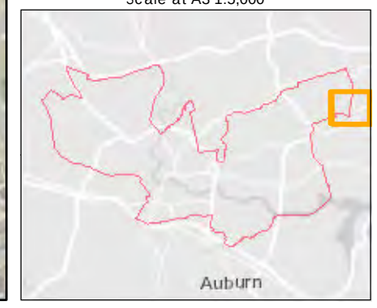
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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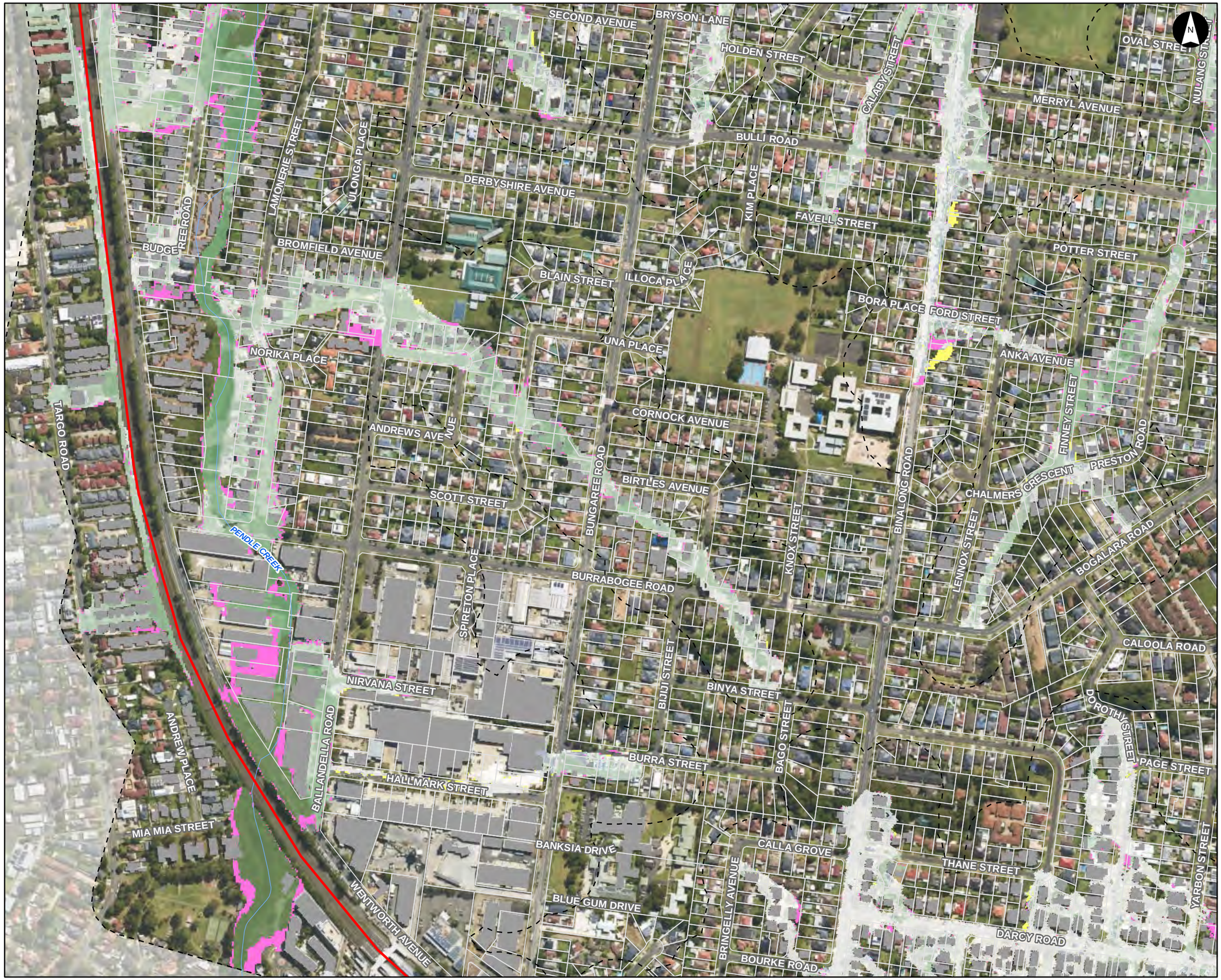



Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.14

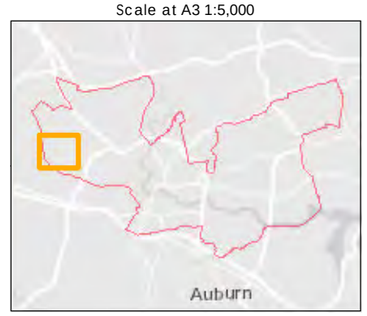
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.15

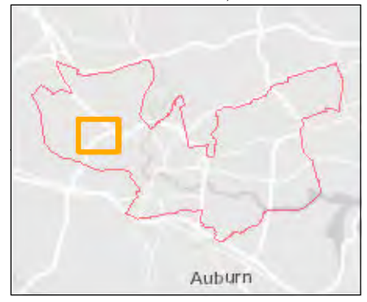
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.16

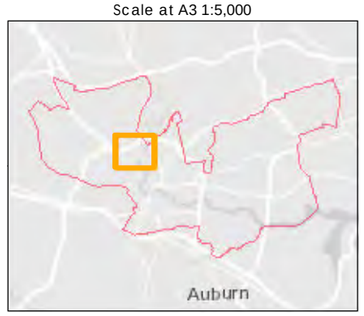
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.17

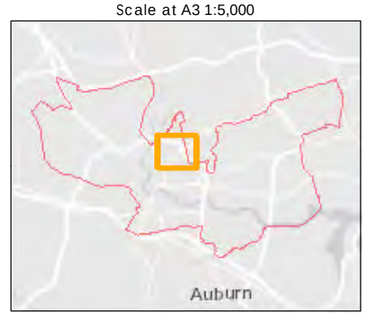
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.18

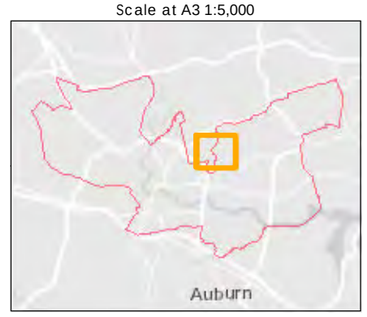
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.19

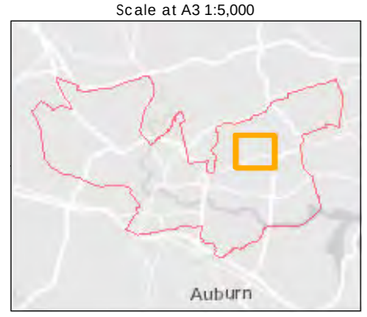
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.20

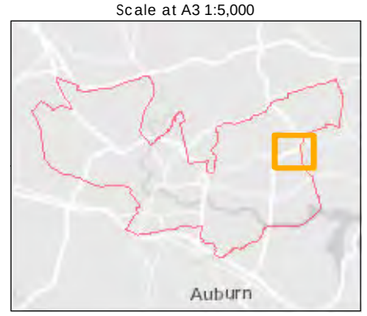
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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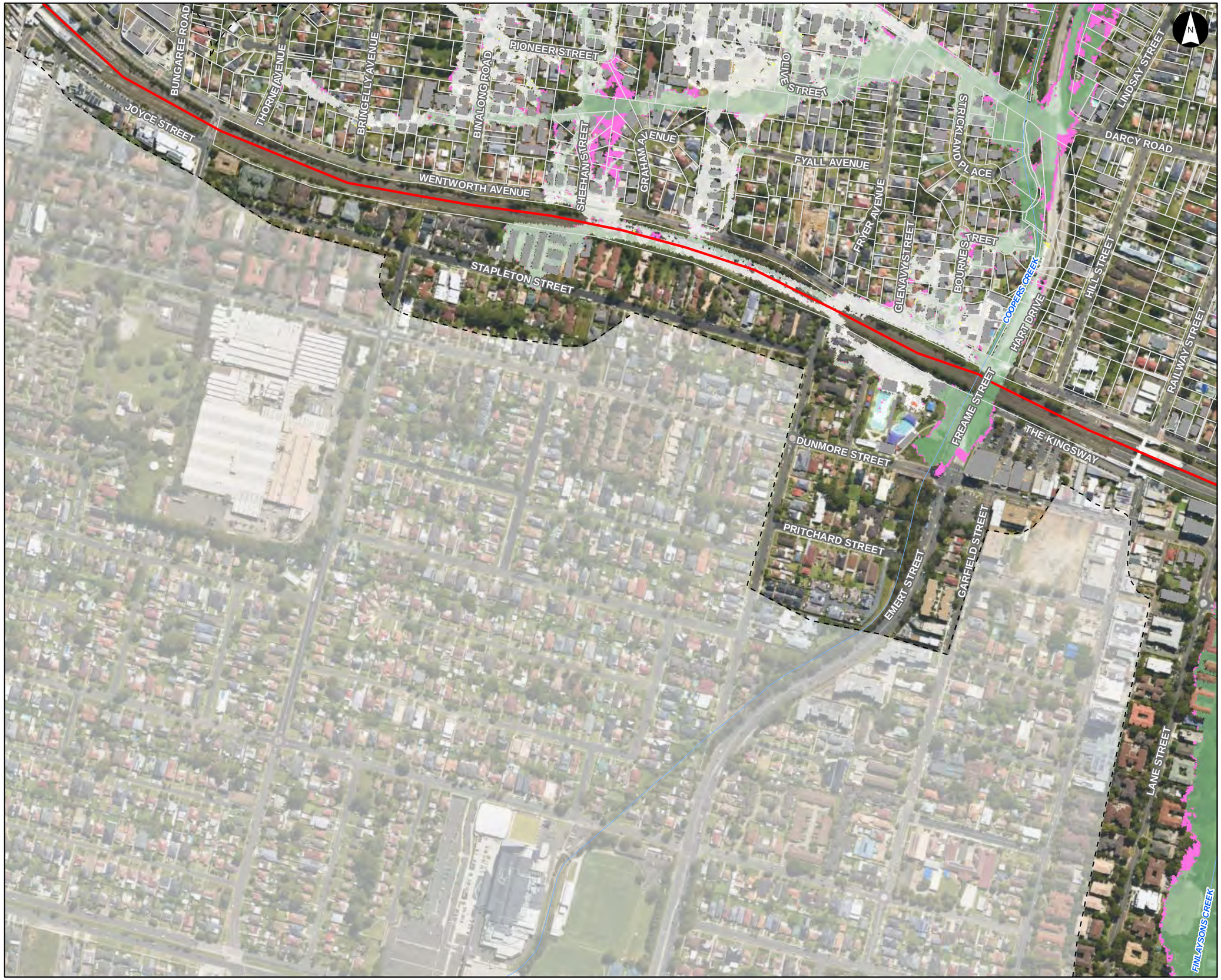



Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.21

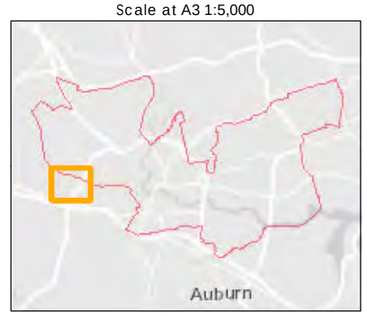
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.22

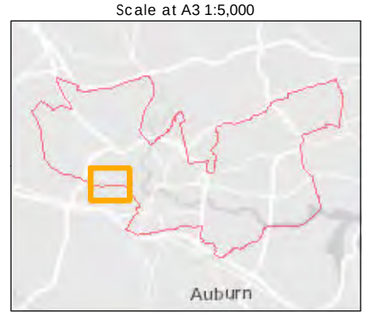
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.23

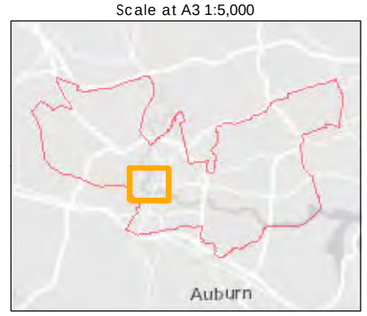
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.24

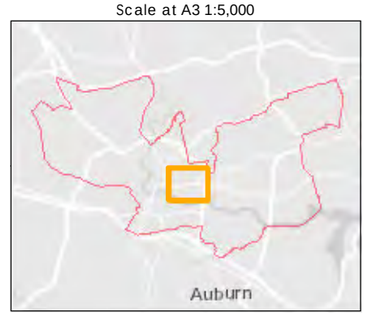
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.25

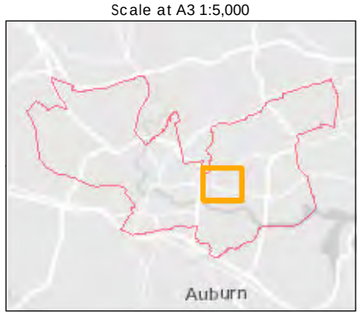
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.26

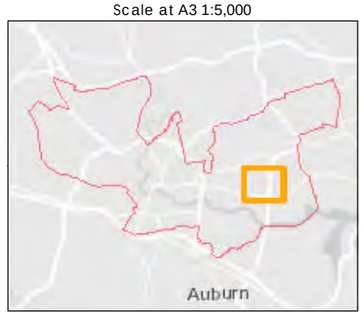
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.27

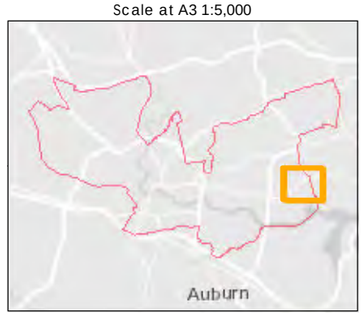
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.28

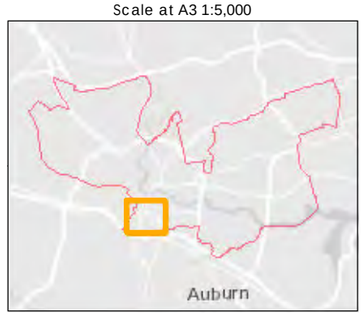
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.29

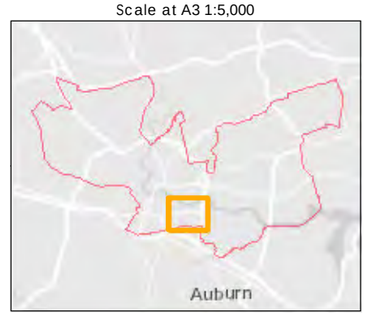
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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# Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
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Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.30

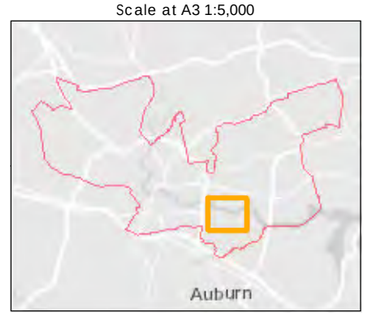
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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Climate Change Scenario CC4 FFA 1% AEP with RCP 8.5 2090 Rainfall Increase with 2090 Sea Level Rise - Water Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
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Map: 59916074-GS-079-1p_CC_RCP8.5_w2090SLR_WLD_5k.mxd
Rev: 05
Date: 2023-05-31

- Study Area
- Watercourse
- Cadastre
- Building Footprint
- Tuflow Model Extent

RCP8.5 2090 FFA1% Water Level Difference (CC4 less Design FFA 1pc)

- Was Wet Now Dry
- Was Dry Now Wet
- < -0.5
- -0.5 to -0.2
- -0.2 to -0.1
- -0.1 to -0.05
- -0.05 to -0.01
- -0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5

Figure N9.31

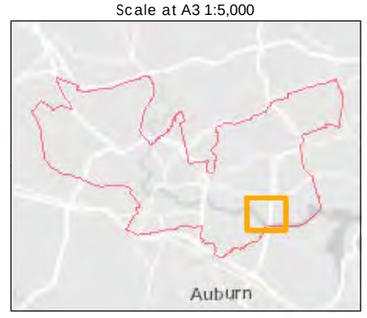
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

References:
1. Base data supplied by NSW SS and Esri
2. Aerial imagery supplied by MetroMap
3. Cadastre (2015) supplied by PCC

Stantec

0 50 100 150 200 Metres

Scale at A3 1:5,000



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