Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.1

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 Meters

Scale at A3 1:5,000

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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.2

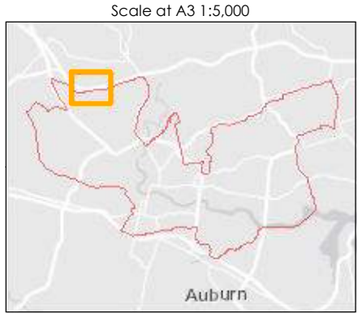
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.3

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 Meters

Scale at A3 1:5,000

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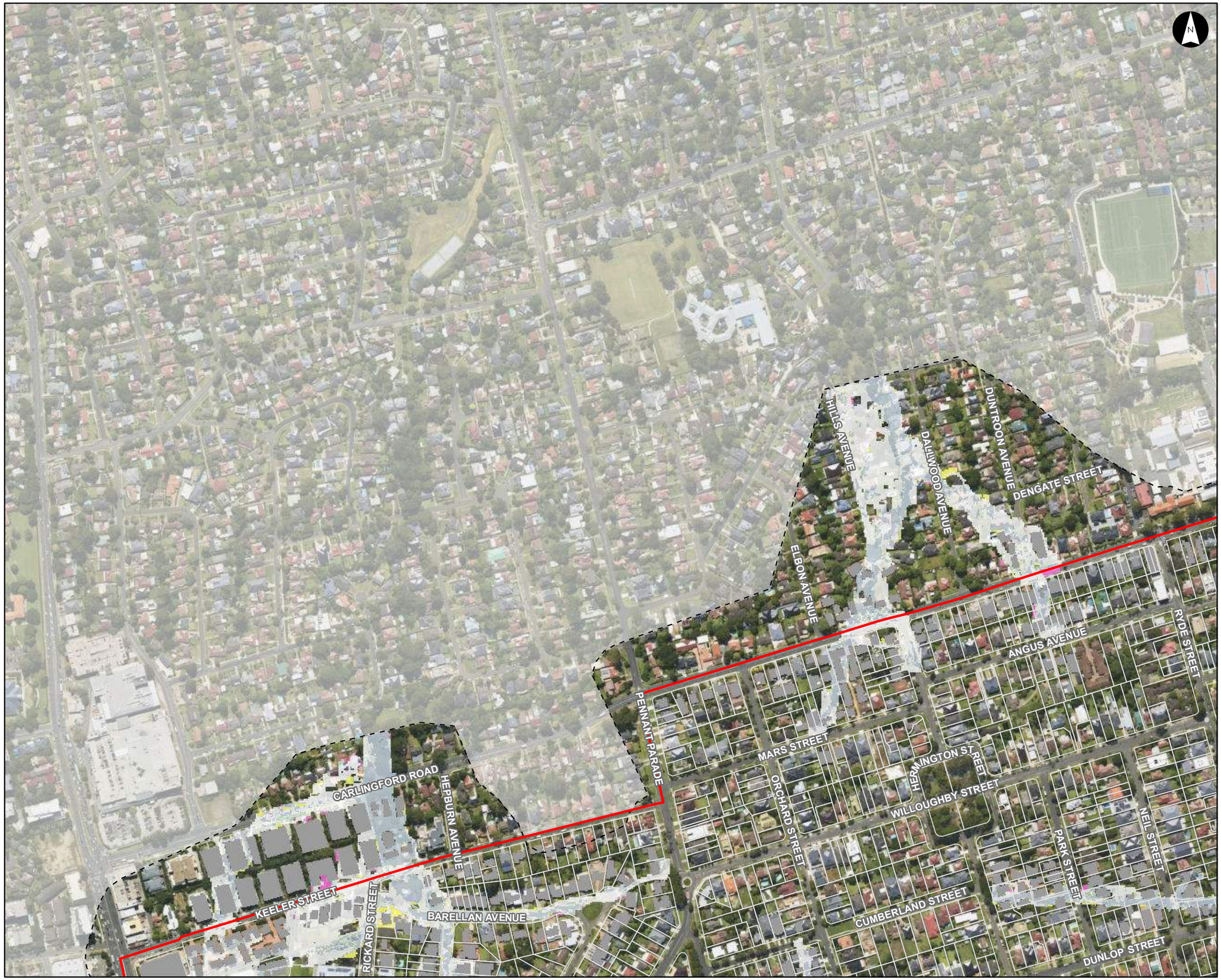

Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.4

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
Meters

Scale at A3 1:5,000

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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.5

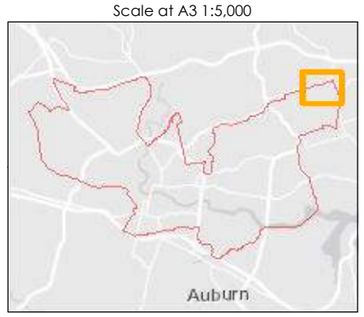
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.6

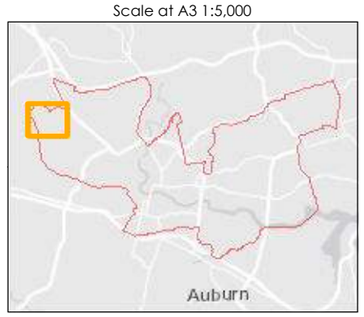
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.7

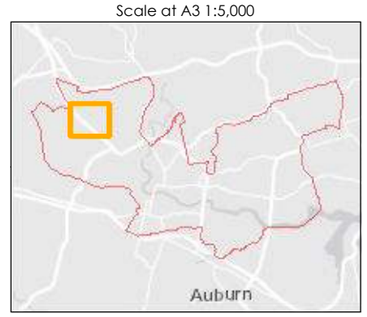
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.8

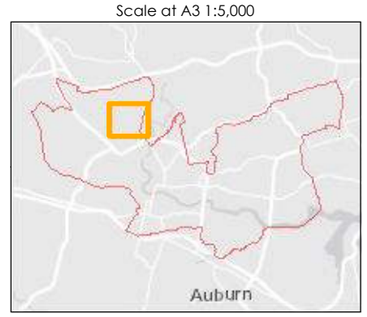
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
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Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.9

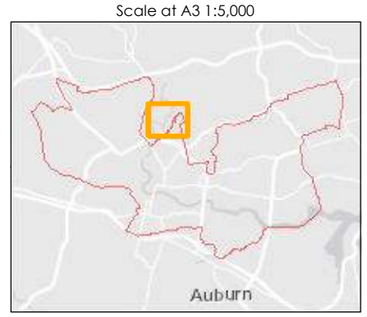
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.10

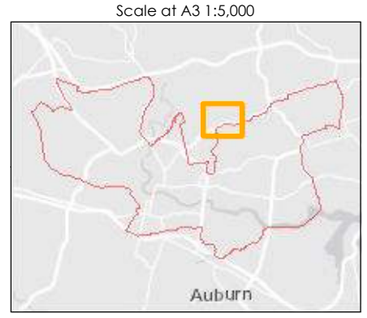
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.11

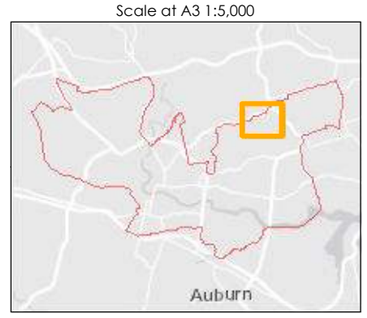
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.12

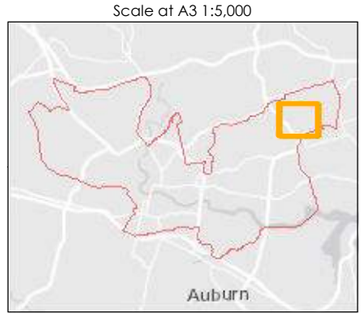
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.13

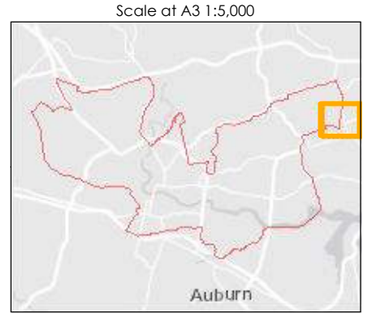
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.14

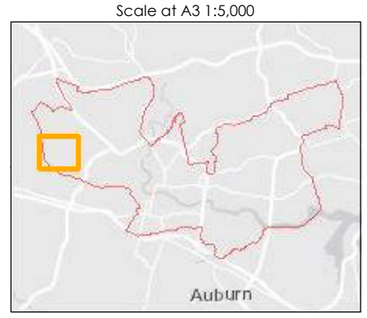
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
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Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.15

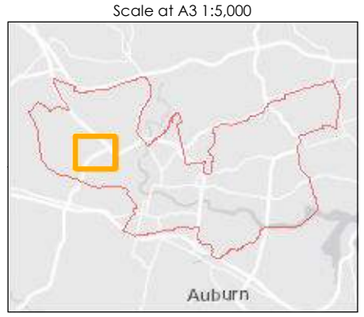
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.16

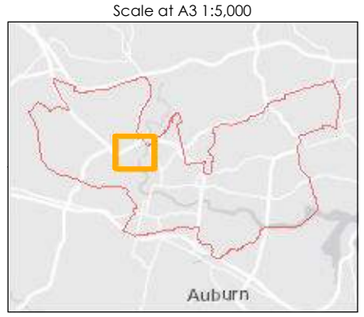
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.17

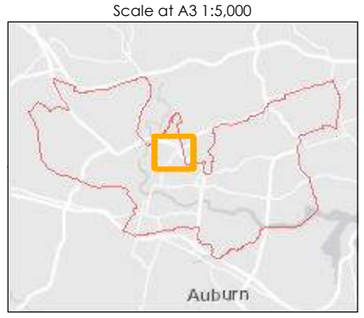
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.18

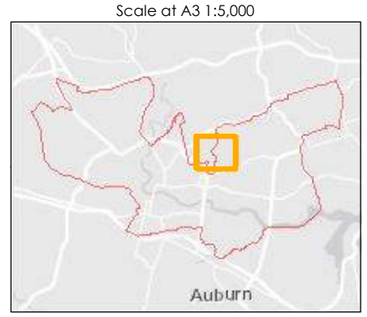
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.19

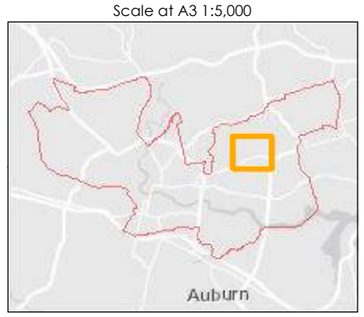
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.20

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 Meters

Scale at A3 1:5,000

DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.21

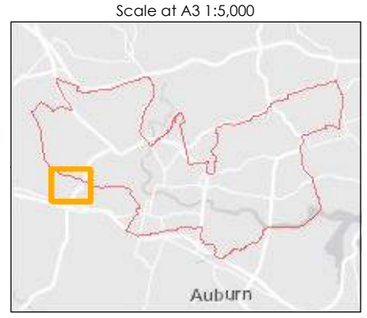
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.22

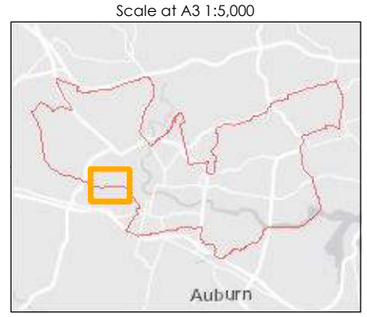
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION

Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.23

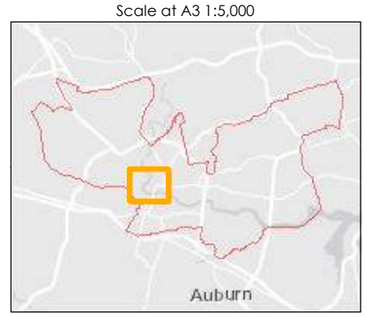
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.24

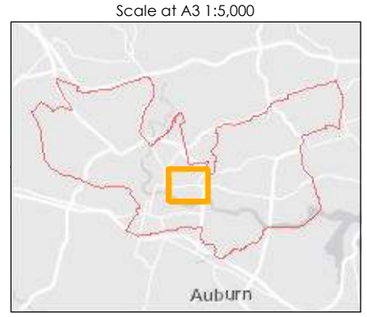
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.25

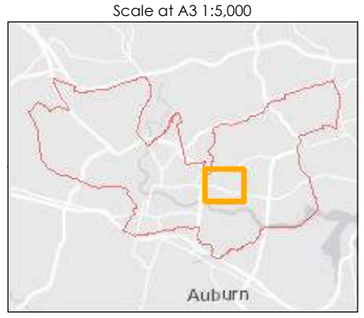
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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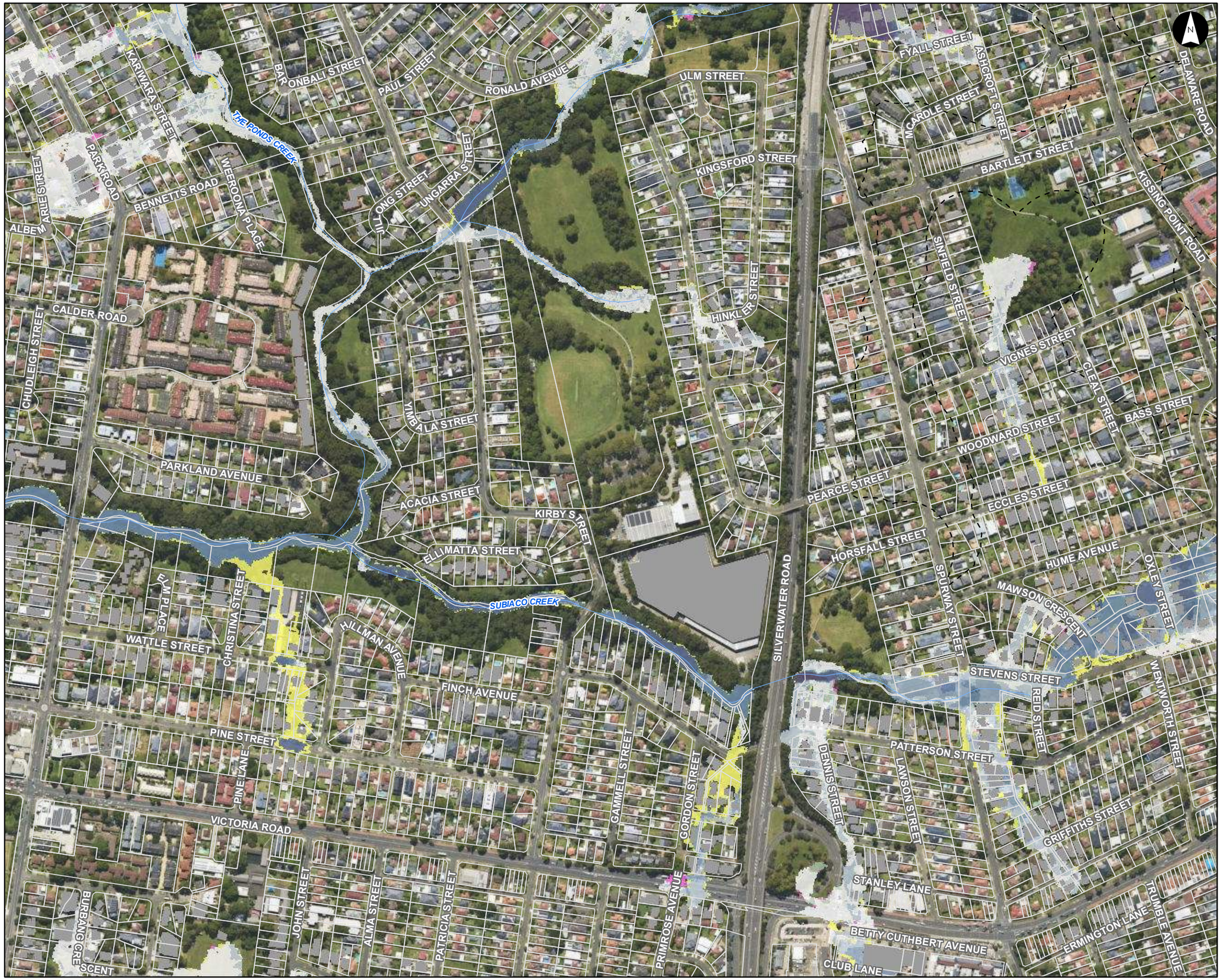


Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.26

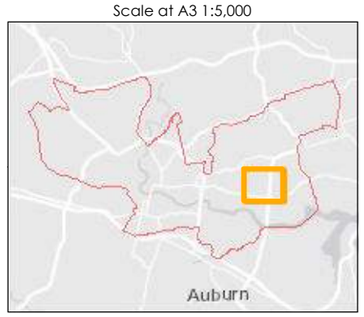
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.27

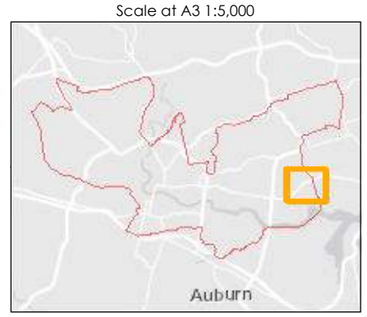
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.28

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 Meters

Scale at A3 1:5,000

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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.29

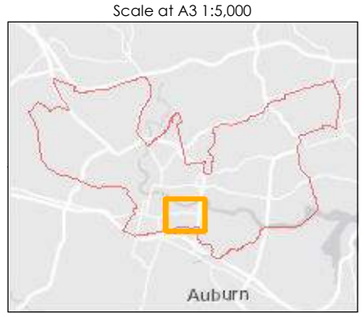
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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

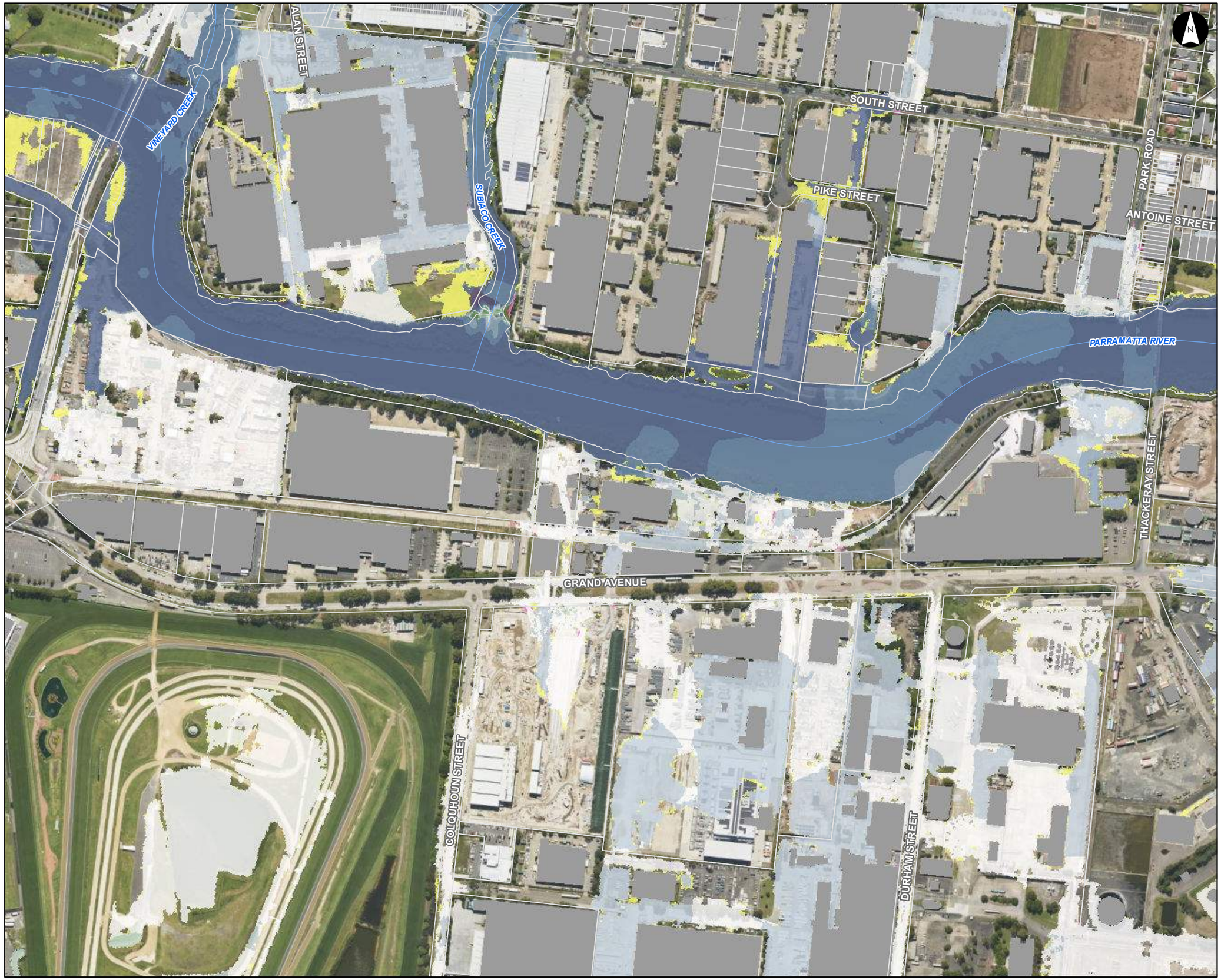
Stantec

0 50 100 150 200 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION



Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.30

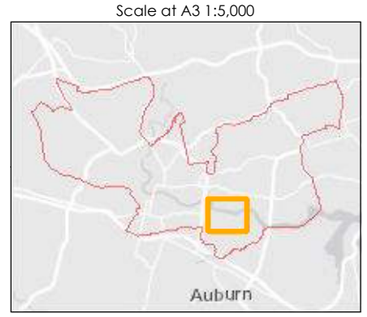
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2 Mannings Roughness -20% FFA 1% AEP Peak Flood Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.31

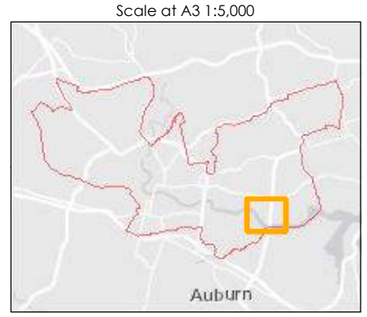
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.32

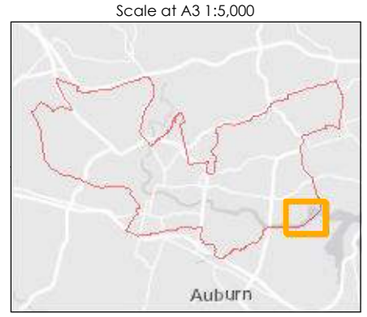
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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

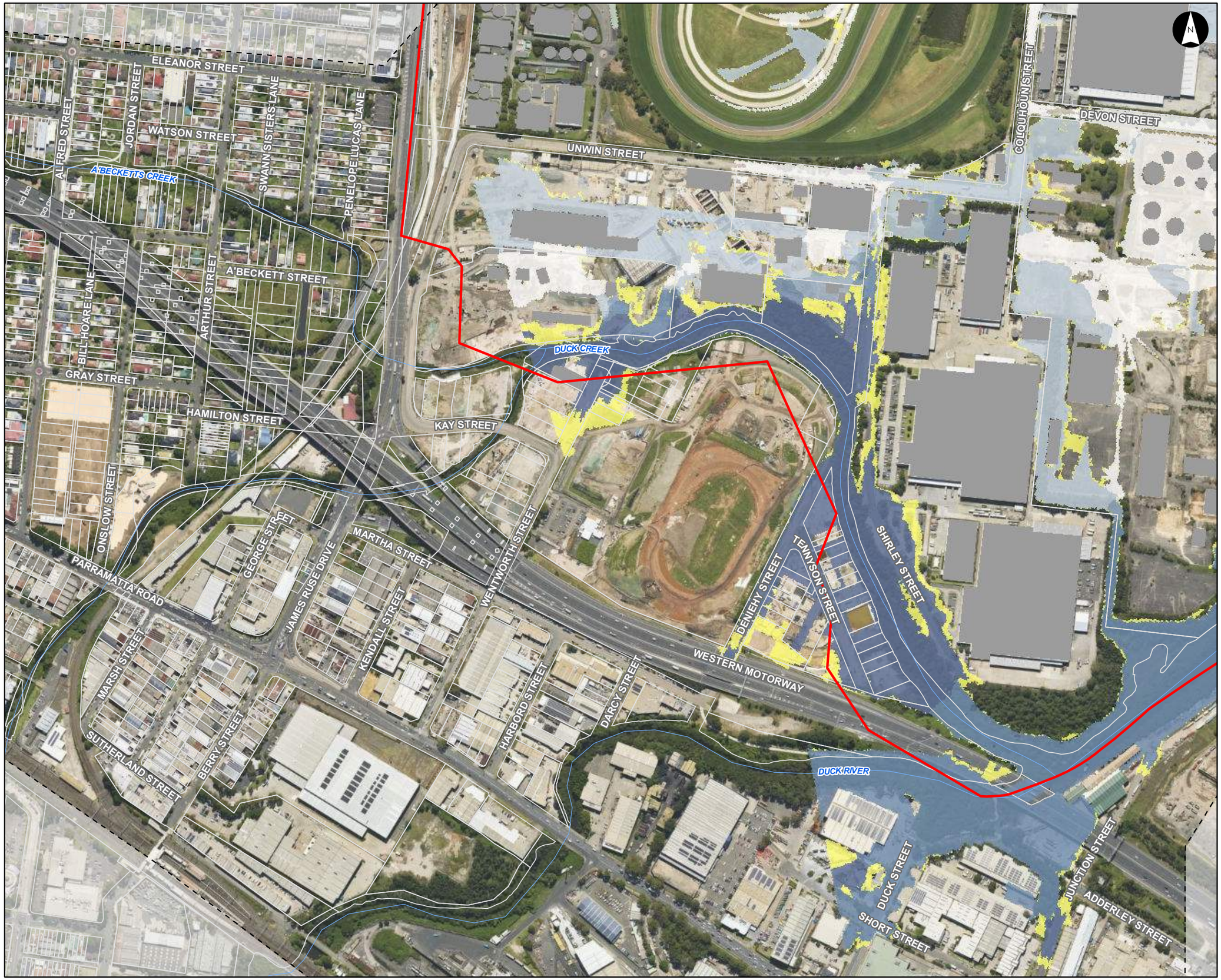
Stantec

0 50 100 150 200 Meters

Scale at A3 1:5,000



DRAFT - FOR PUBLIC EXHIBITION



Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.33

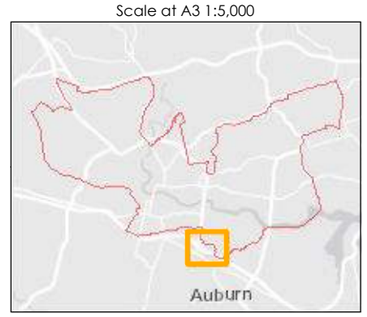
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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
Meters

Scale at A3 1:5,000



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Sensitivity Analysis SS2
Mannings Roughness -20%
FFA 1% AEP Peak Flood
Level Difference Plot

Parramatta River Flood Study

Project Code: 59916074
Drawn By: AS
Map: 59916074-GS-059-1p_SensitivityMinus20_WLD_5k.mxd
Rev: 06
Date: 2023-05-31

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

MN-20% less Design FFA 1% Water Level Difference (m)

- 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 M5.34

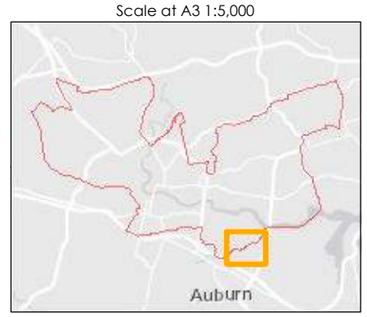
Notes:
1. Coordinate System: GDA 1994 MGA Zone 56

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 Meters

Scale at A3 1:5,000



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