Floodplain Management Services
Rockhampton Regional Council
26-Sep-2017
Doc No. 60534898-RE-NR-002

Moores Creek Local Catchment Study

Baseline Flooding and Hazard Assessment - Volume 2

Moores Creek Local Catchment Study

Baseline Flooding and Hazard Assessment - Volume 2

Client: Rockhampton Regional Council

ABN: 59 923 523 766

Prepared by

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26-Sep-2017

Job No.: 60534898

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Explanatory Notes and Disclaimer

These maps are to be read in conjunction with the Moores Creek Local Catchment Study - Volume 1 (AECOM, 2017). Study methodology and assumptions are outlined in the Volume 1 report.

This mapping has been developed to represent local catchment flood behaviour in the Moores Creek catchment area, bounded by the model extents described in the Volume 1 report. It is noted that flooding occurs upstream and downstream of these locations which are outside the extent of the two-dimensional hydraulic models.

Information presented in this mapping may vary, depending upon development within the floodplain over time. It is suggested that the TUFLOW models and these associated maps be updated by Council as development occurs.

The development of the TUFLOW hydraulic model is detailed in the Moores Creek Local Catchment Study - Volume 1 (AECOM, 2017). This report outlines input data, modelling assumptions and schematisation parameters adopted.

All information presented in this mapping is expressed in metres Australian Height Datum (AHD).

Hydraulic model results used in this mapping is based on a 3m fixed Cartesian grid hydraulic model. Use of the mapping to determine hydraulic parameters in sub-grid scale applications is not recommended.

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Baseline Mapping

Map Number	Title
MC-01	Peak Flood Depths (1 EY 180 min Storm Event)
MC-02	Peak Flood Heights (1 EY 180 min Storm Event)
MC-03	Peak Depth Averaged Flood Velocity (1 EY 180 min Storm Event)
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MC-08	Peak Flood Depths (18% AEP 180 min Storm Event) Area 1
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MC-20	Peak Depth Averaged Flood Velocity (18% AEP 180 min Storm Event) Area 3
MC-21	Peak Depth Averaged Flood Velocity (18% AEP 180 min Storm Event) Area 4
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MC-27	Peak Depth Averaged Flood Velocity (5% AEP 180 min Storm Event)
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Map Number	Title
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MC-59	Difference in Peak Flood Height: 18% AEP Fitzroy River Tailwater Level minus Baseline (1% AEP 180min Storm Event)
MC-60	Difference in Peak Flood Height: 20% Stormwater Infrastructure Blockage minus Baseline (18% AEP 180min Storm Event)
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MC-69	Baseline Flood Hazard (18% AEP 180 min Storm Event) Area 4
MC-70	Baseline Flood Hazard (1% AEP Across Multiple Storm Durations) Overview
MC-71	Baseline Flood Hazard (1% AEP Across Multiple Storm Durations) Area 1
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Map Number	Title
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MC-76	Baseline Sewerage Infrastructure Flood Risk (18% AEP 180 min Storm Event and 1% AEP Across Multiple Storm Durations) Area 1
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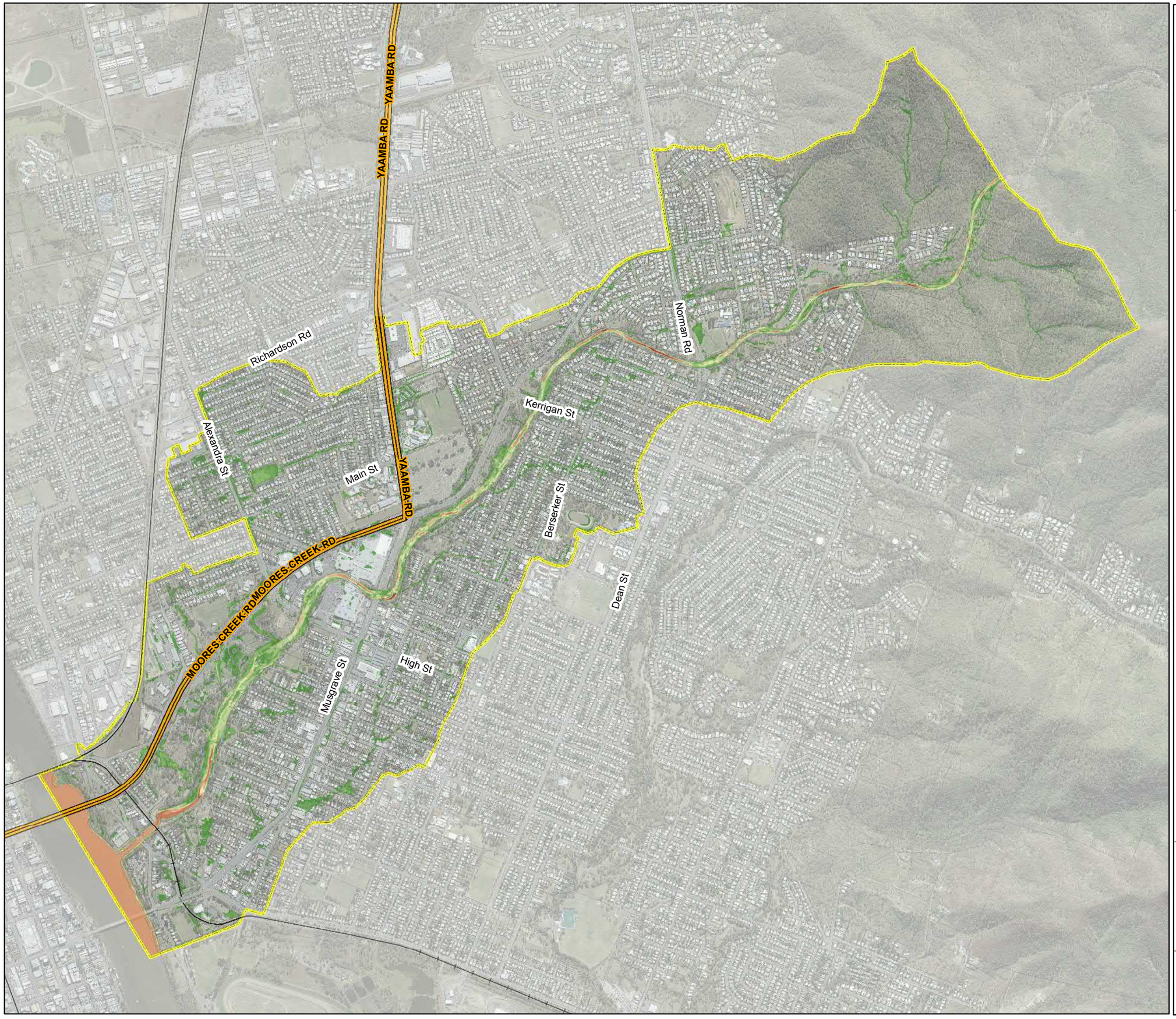
MC-79	Baseline Sewerage Infrastructure Flood Risk (18% AEP 180 min Storm Event and 1% AEP Across Multiple Storm Durations) Area 4



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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

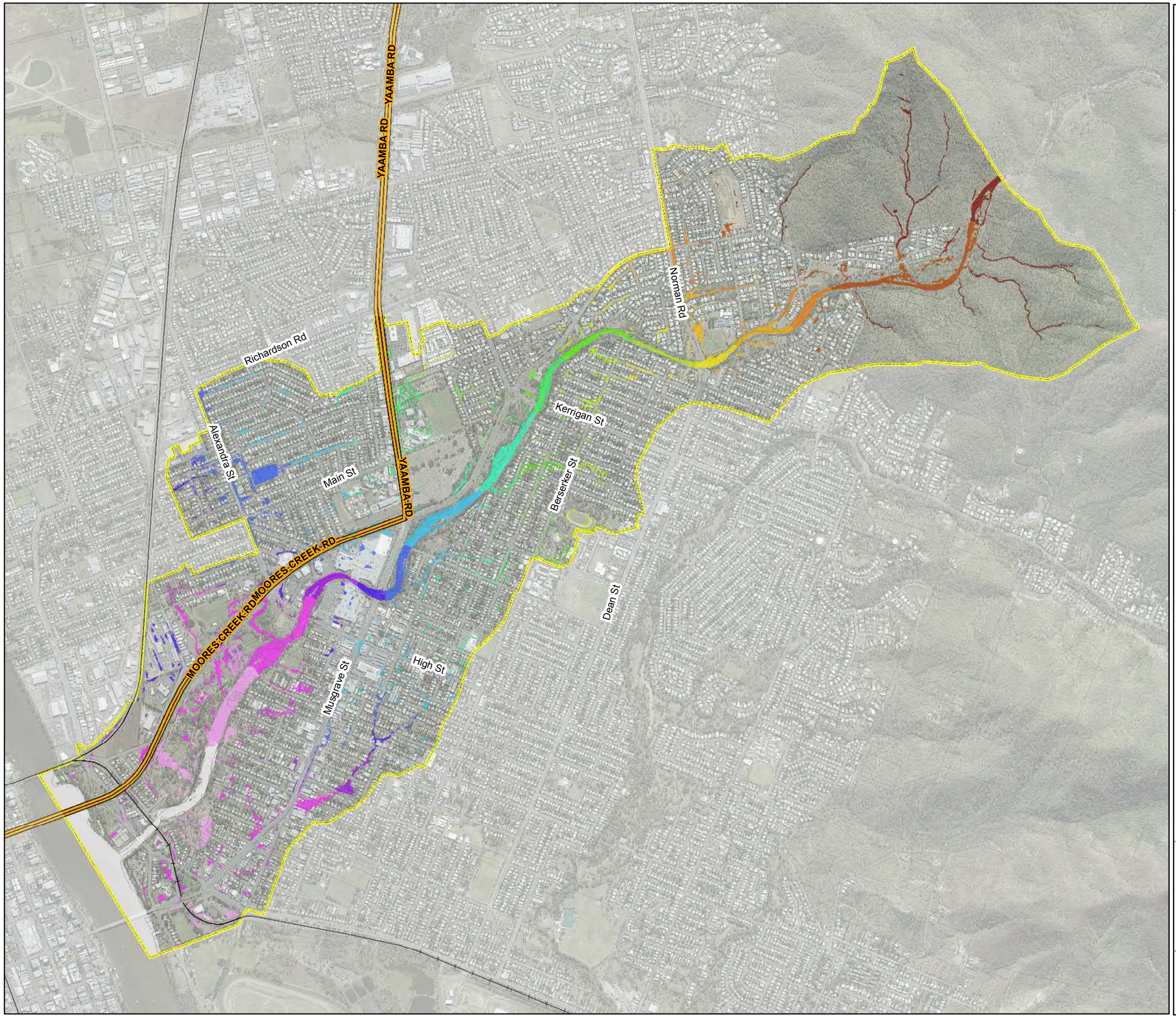
Moores Creek Model
Peak Flood Depths

1 EY 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-01

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-01_63p2AEP_Depth.mxd



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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

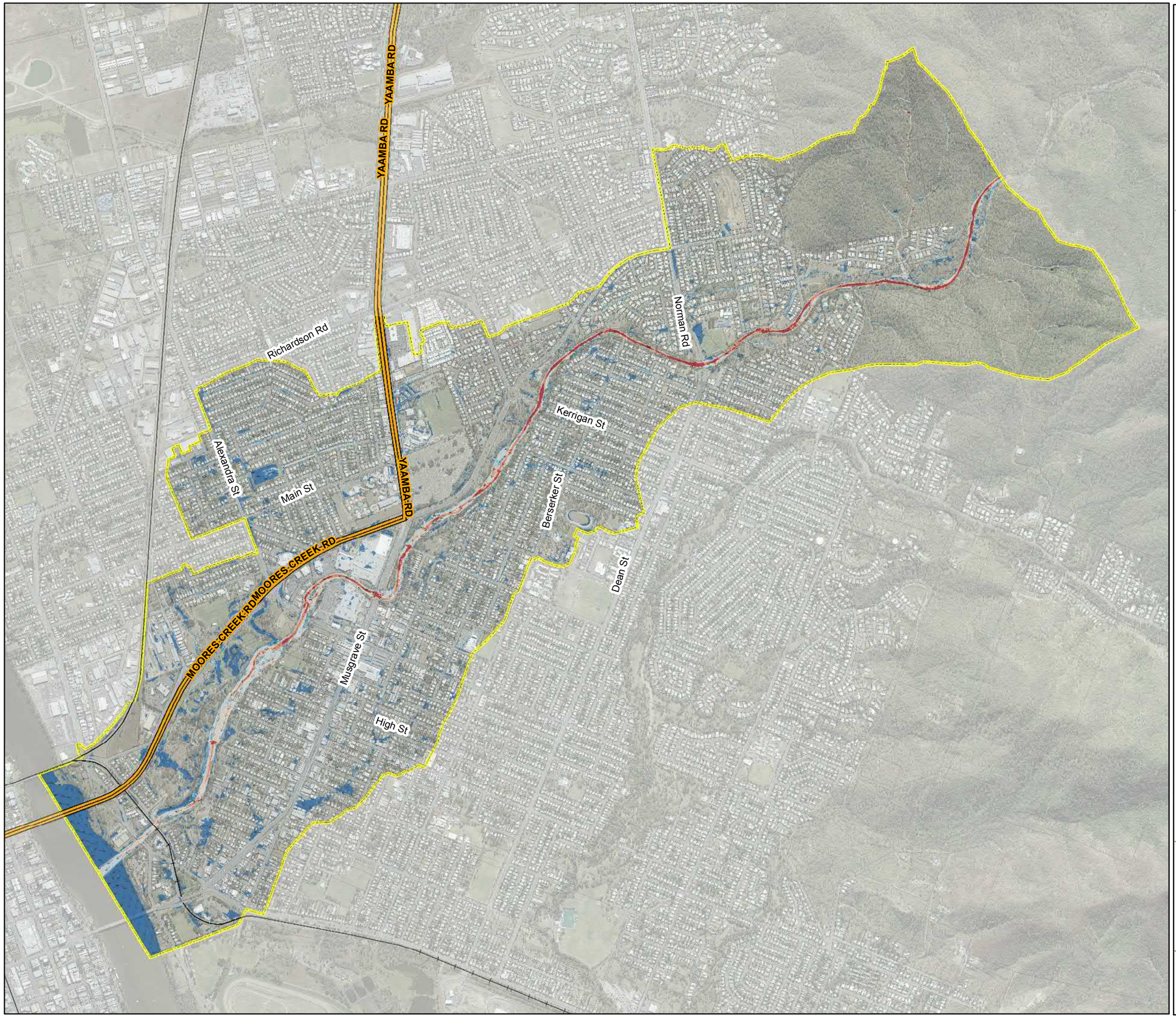
Moores Creek Model
Peak Flood Heights

1 EY 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-02

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-02_63p2AEP_Height_v2.mxd



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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

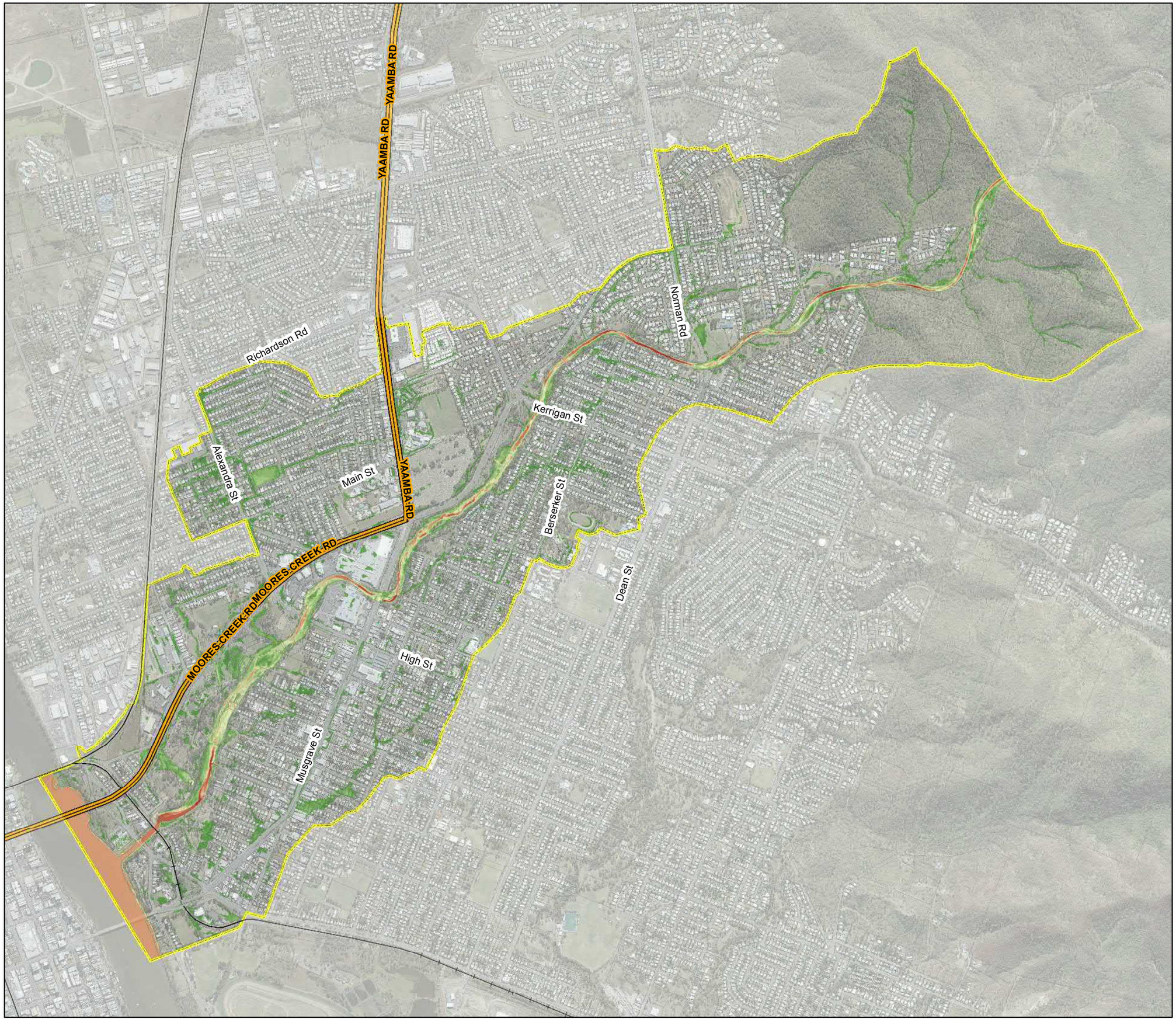
Moores Creek Model
Peak Depth Averaged Velocities

1 EY 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-03

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-03_63p2AEP_Velocity.mxd



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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

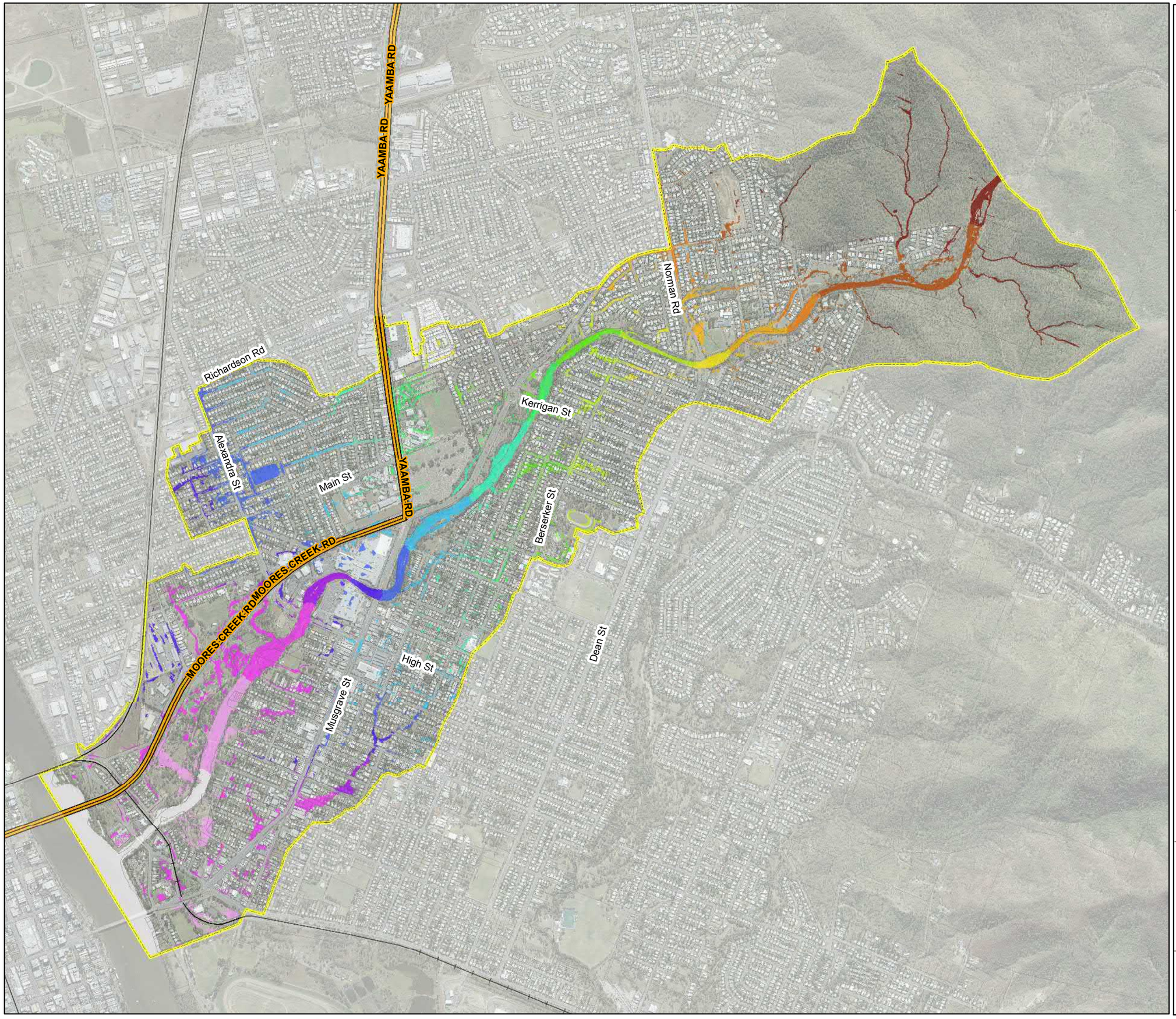
Moores Creek Model
Peak Flood Depths

39% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-04

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-04_39p4AEP_Depth.mxd



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Metres

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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

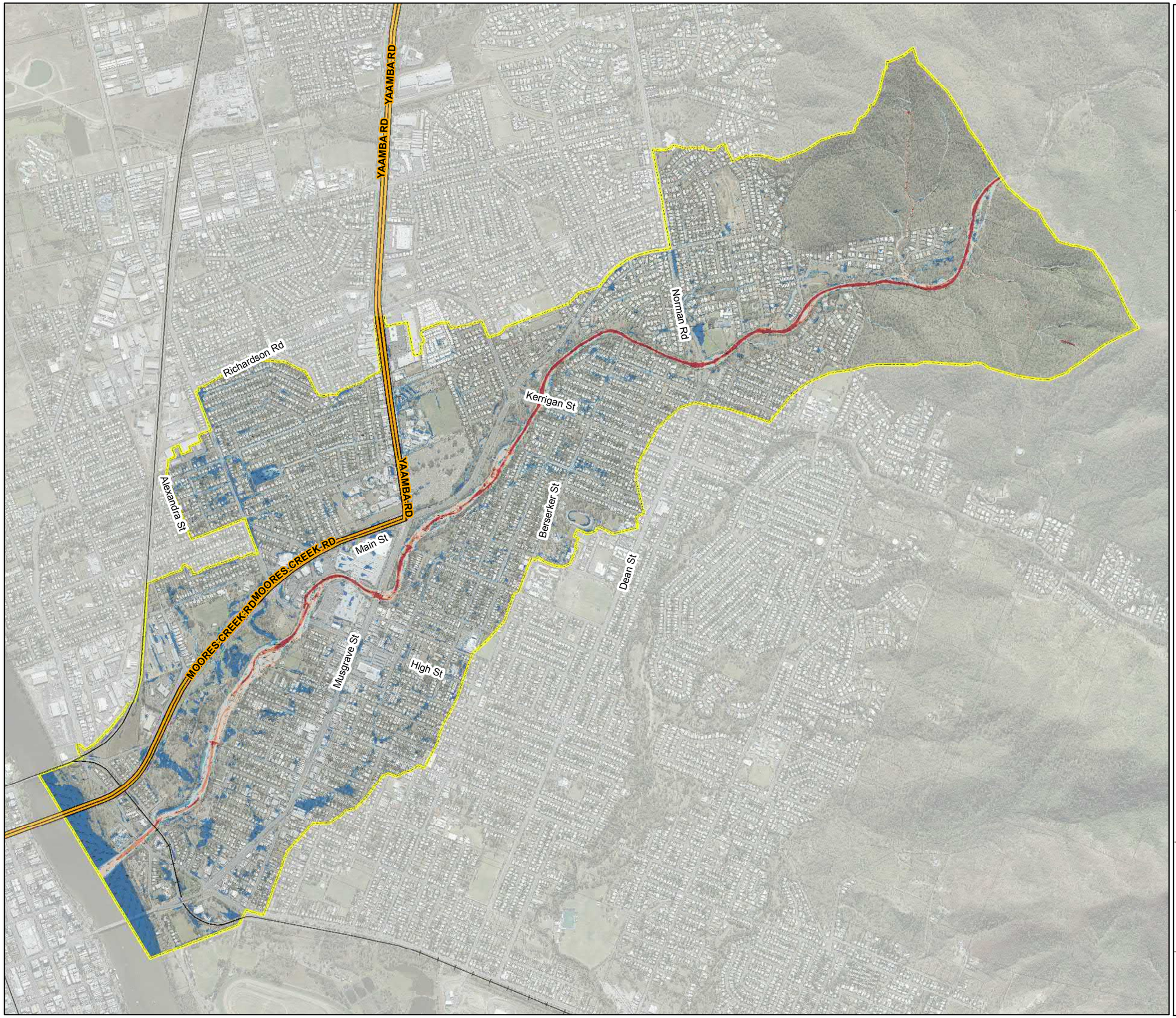
Moores Creek Model
Peak Flood Heights

39% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-05

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-05_39p4AEP_Height.mxd



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Metres

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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

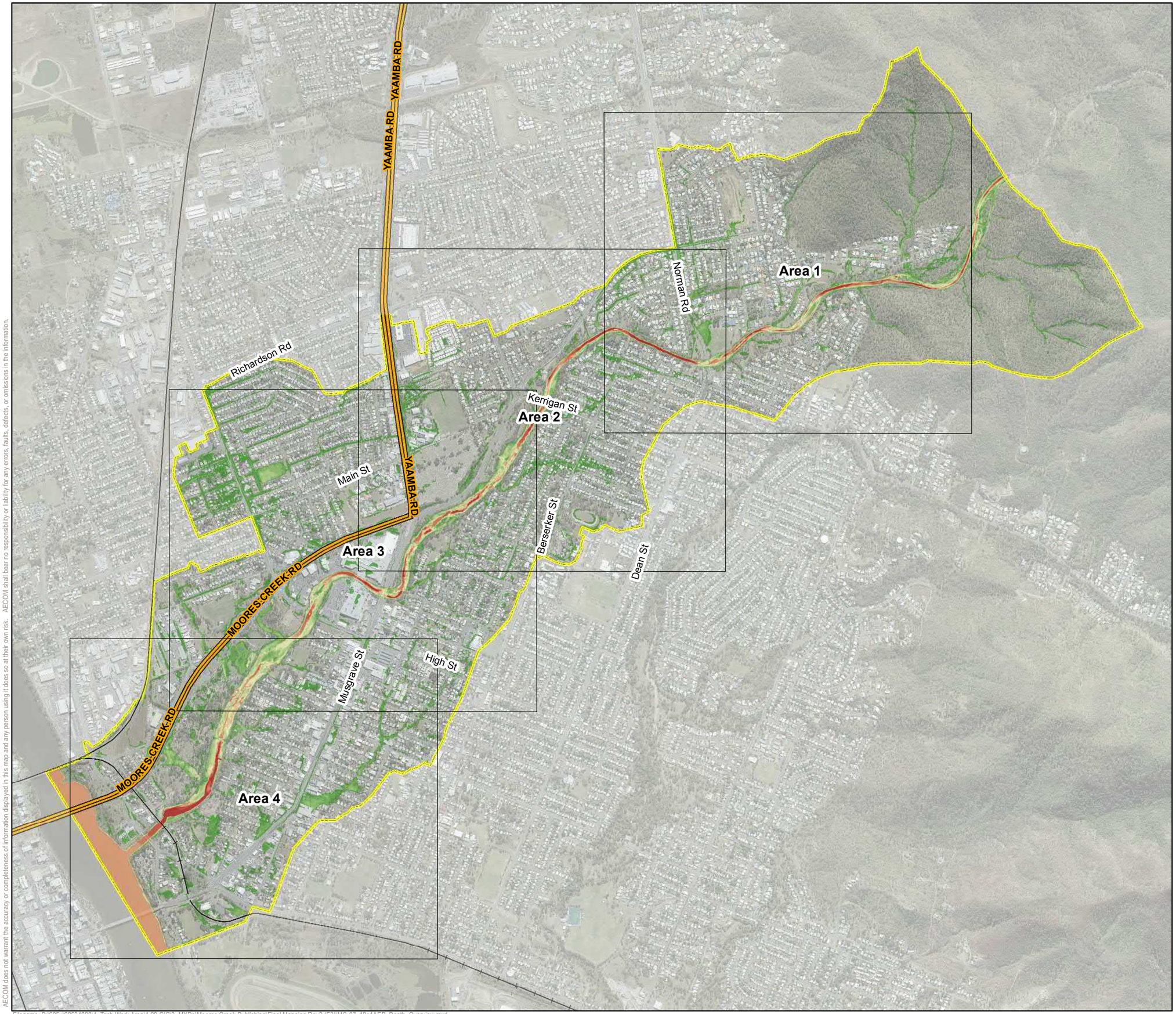
Moores Creek Model
Peak Depth Averaged Velocities

39% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-06

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-06_39p4AEP_Velocity.mxd



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Flood Depths - Catchment Overview

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-07

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-07_18p1AEP_Depth_Overview.mxd

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0 100 200 300 400

Metres

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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Flood Depths - Area 1

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-08

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-08_18p1AEP_Depth_Area1.mxd

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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

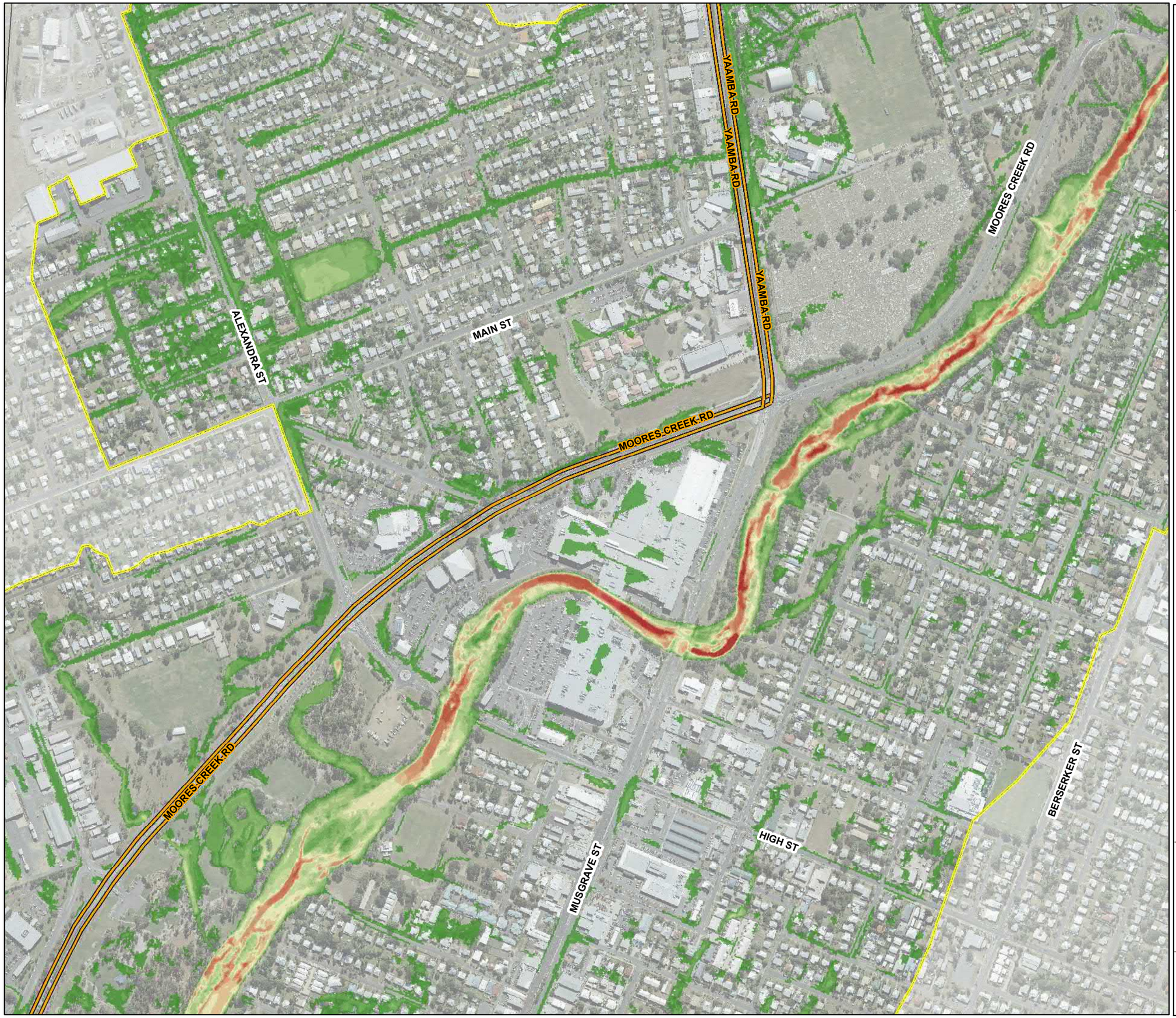
Moores Creek Model
Peak Flood Depths - Area 2

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-09

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-09_18p1AEP_Depth_Area2.mxd



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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

Moores Creek Model
Peak Flood Depths - Area 3

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-10

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-10_18p1AEP_Depth_Area3.mxd

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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

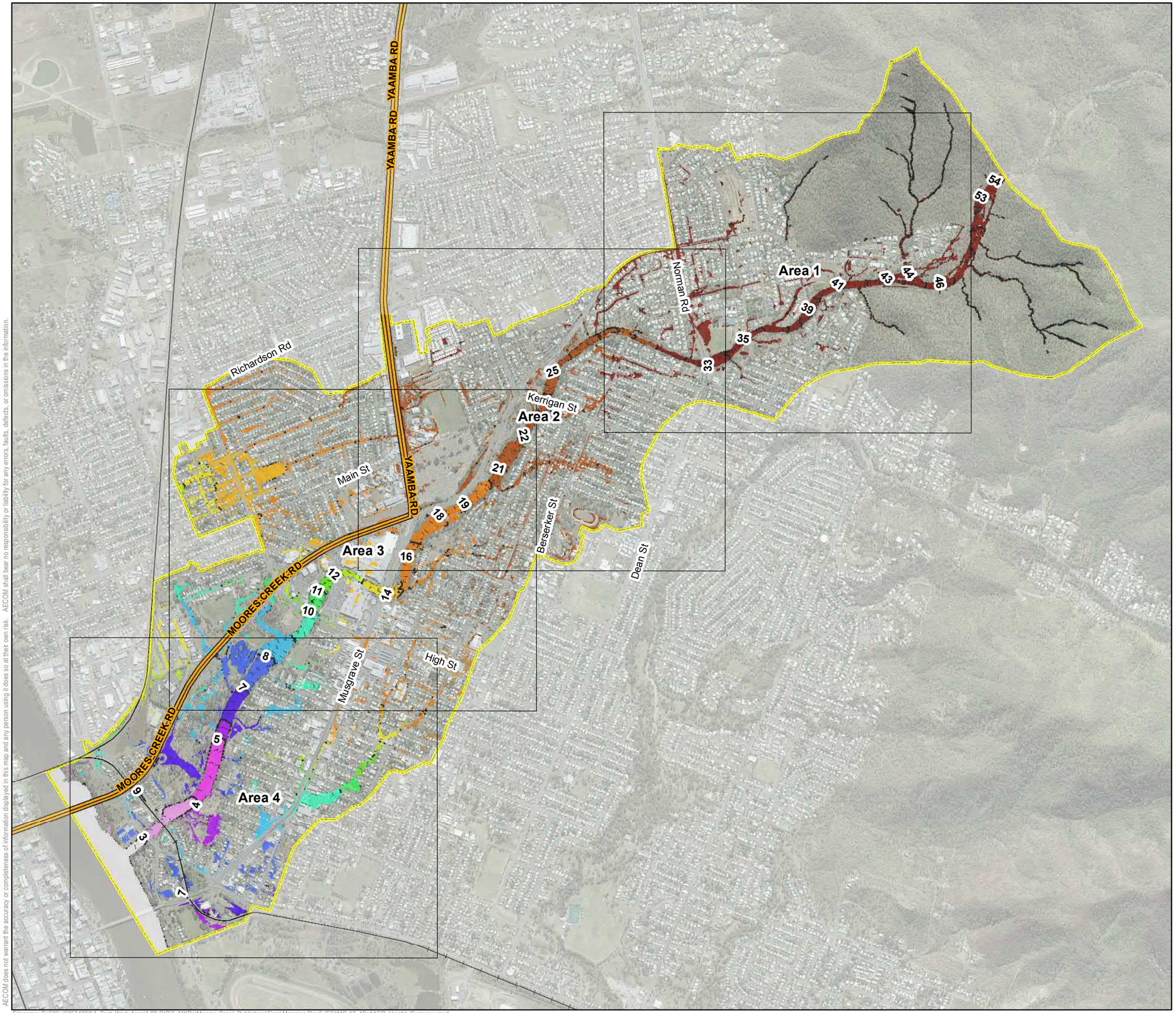
Moores Creek Model
Peak Flood Depths - Area 4

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-11

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-11_18p1AEP_Depth_Area4.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000
Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Moores Creek Model
Peak Flood Heights - Catchment Overview

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-12

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-12_18p1AEP_Height_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Moores Creek Model
Peak Flood Heights - Area 1

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-13

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-13_18p1AEP_Height_Area1.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

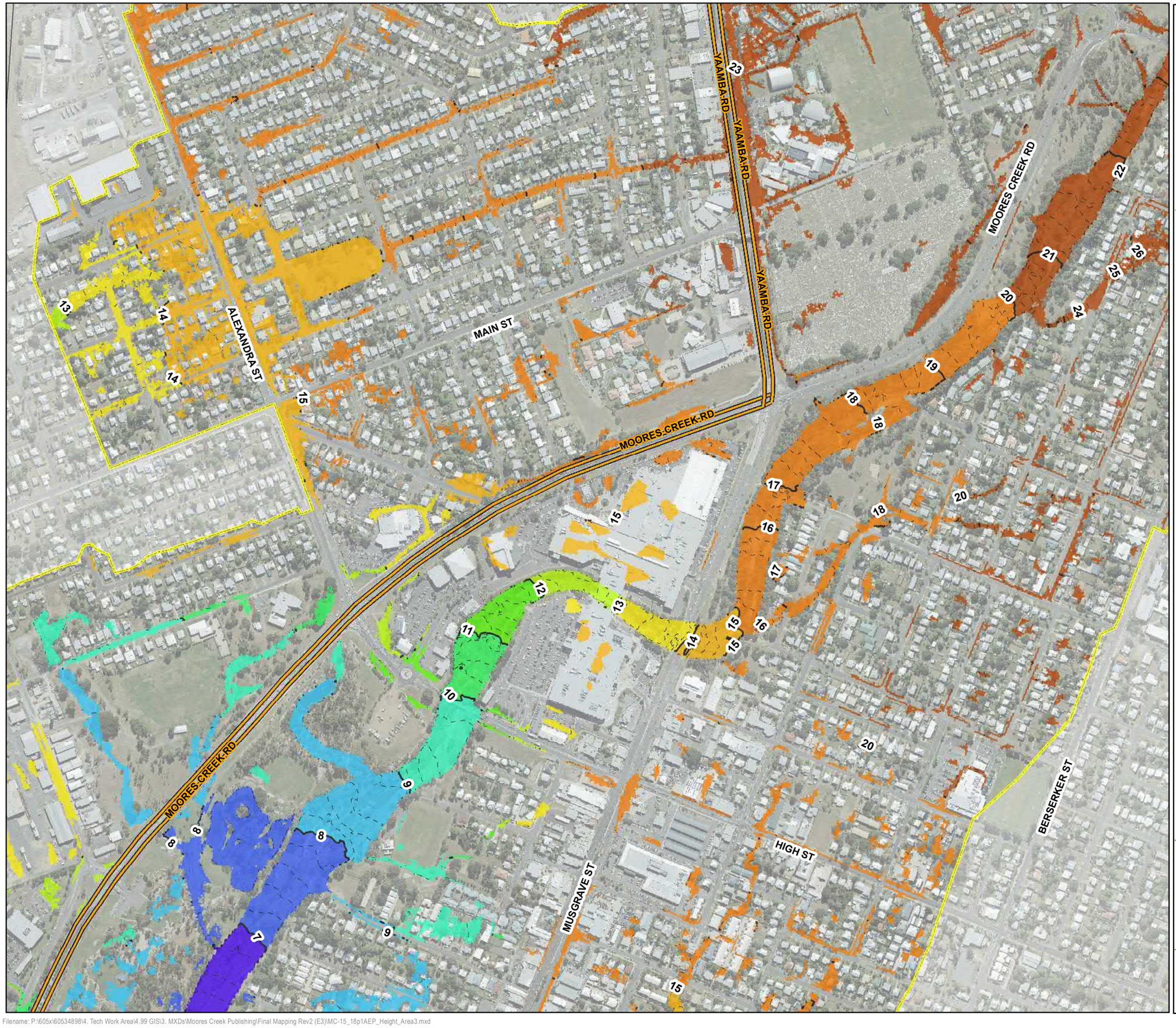
Moores Creek Model
Peak Flood Heights - Area 2

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-14

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-14_18p1AEP_Height_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

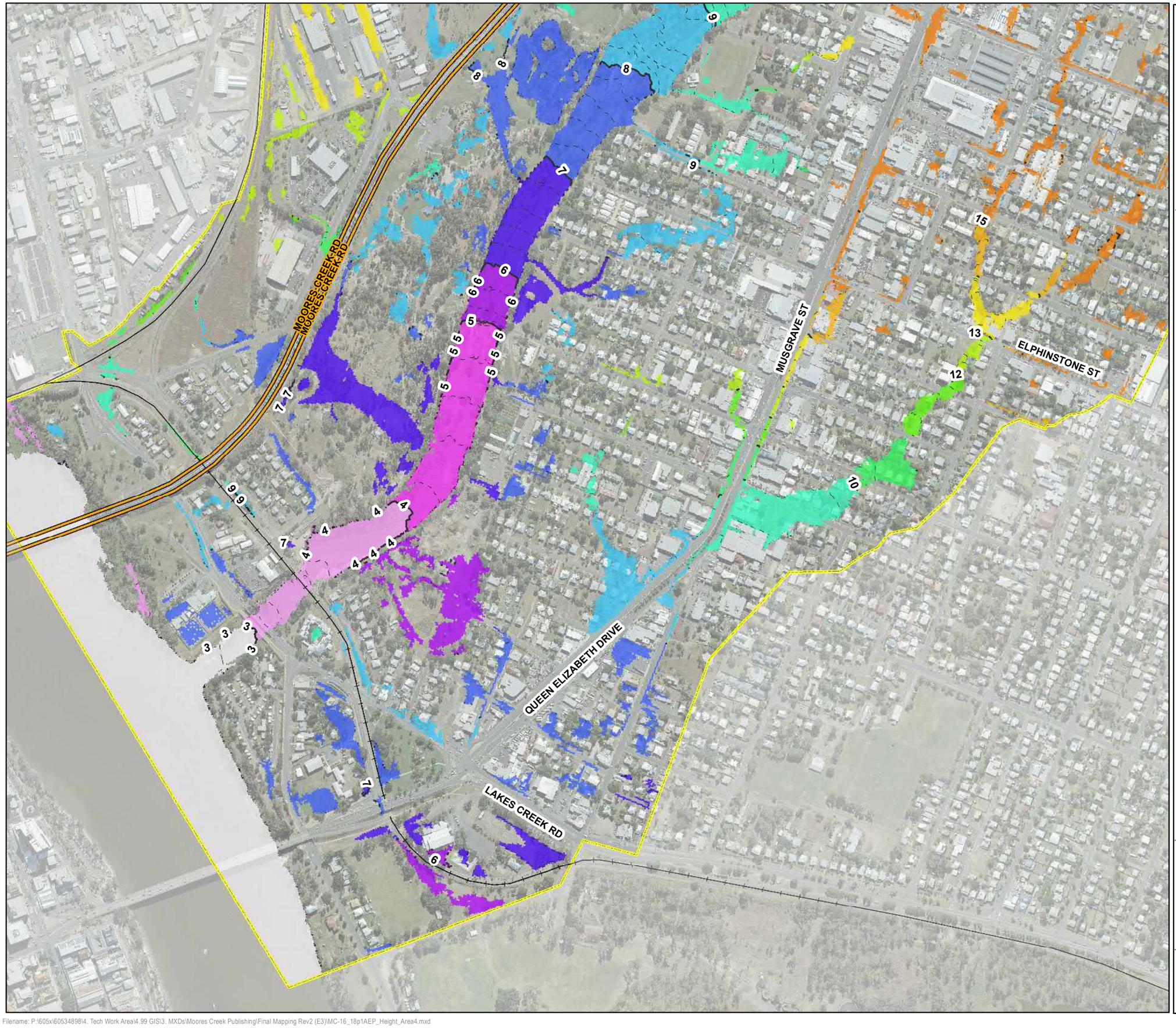
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Flood Heights - Area 3

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-15



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 3.00
- 3.01 - 4.00
- 4.01 - 5.00
- 5.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 11.00
- 11.01 - 12.00
- 12.01 - 13.00
- 13.01 - 14.00
- 14.01 - 15.00
- 15.01 - 20.00
- 20.01 - 30.00
- > 30.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

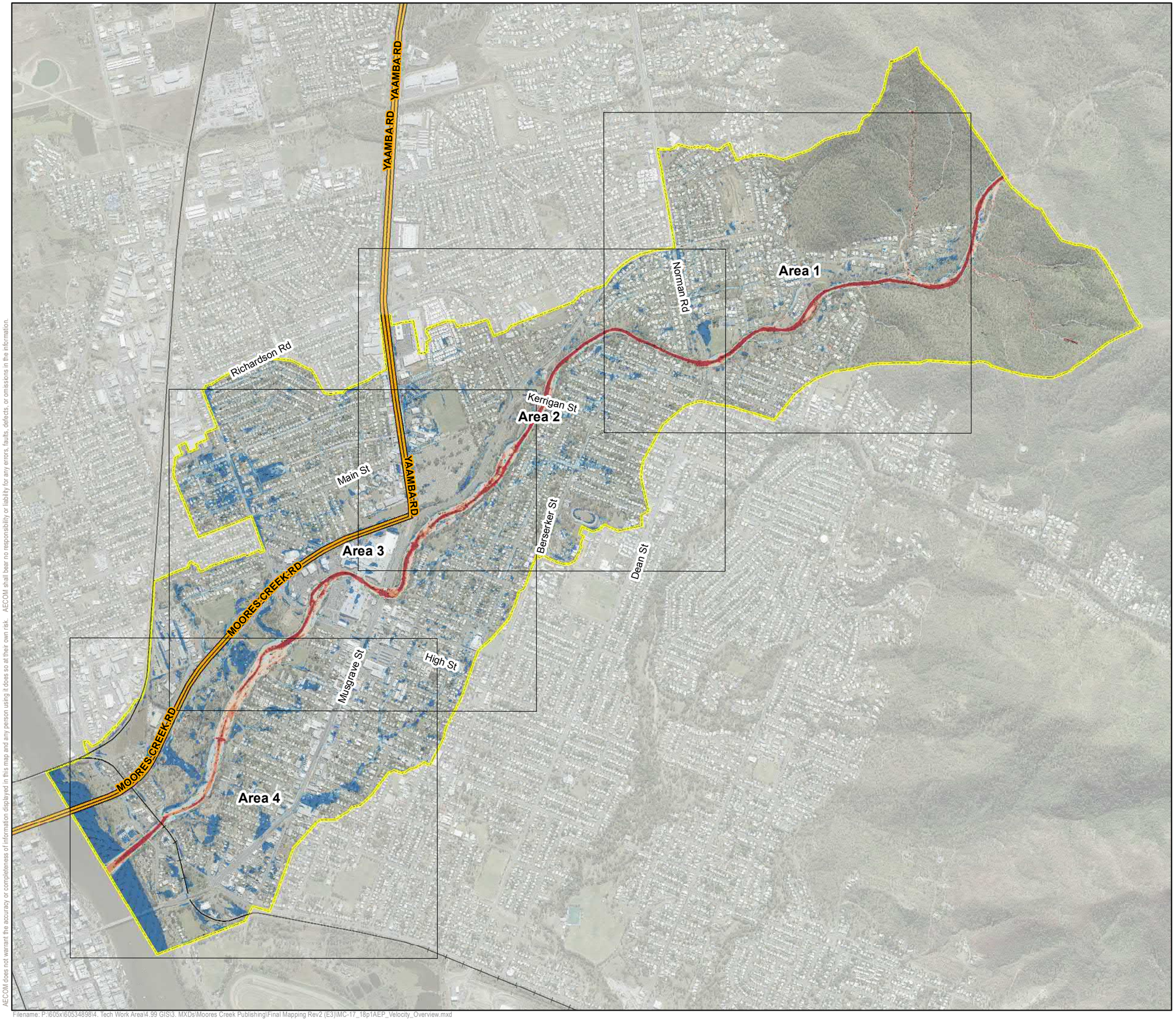
Moores Creek Model
Peak Flood Heights - Area 4

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-16

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-16_18p1AEP_Height_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Depth Averaged Velocity - Catchment Overview

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-17

Filename: P:\605x\605348981\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-17_18p1AEP_Velocity_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

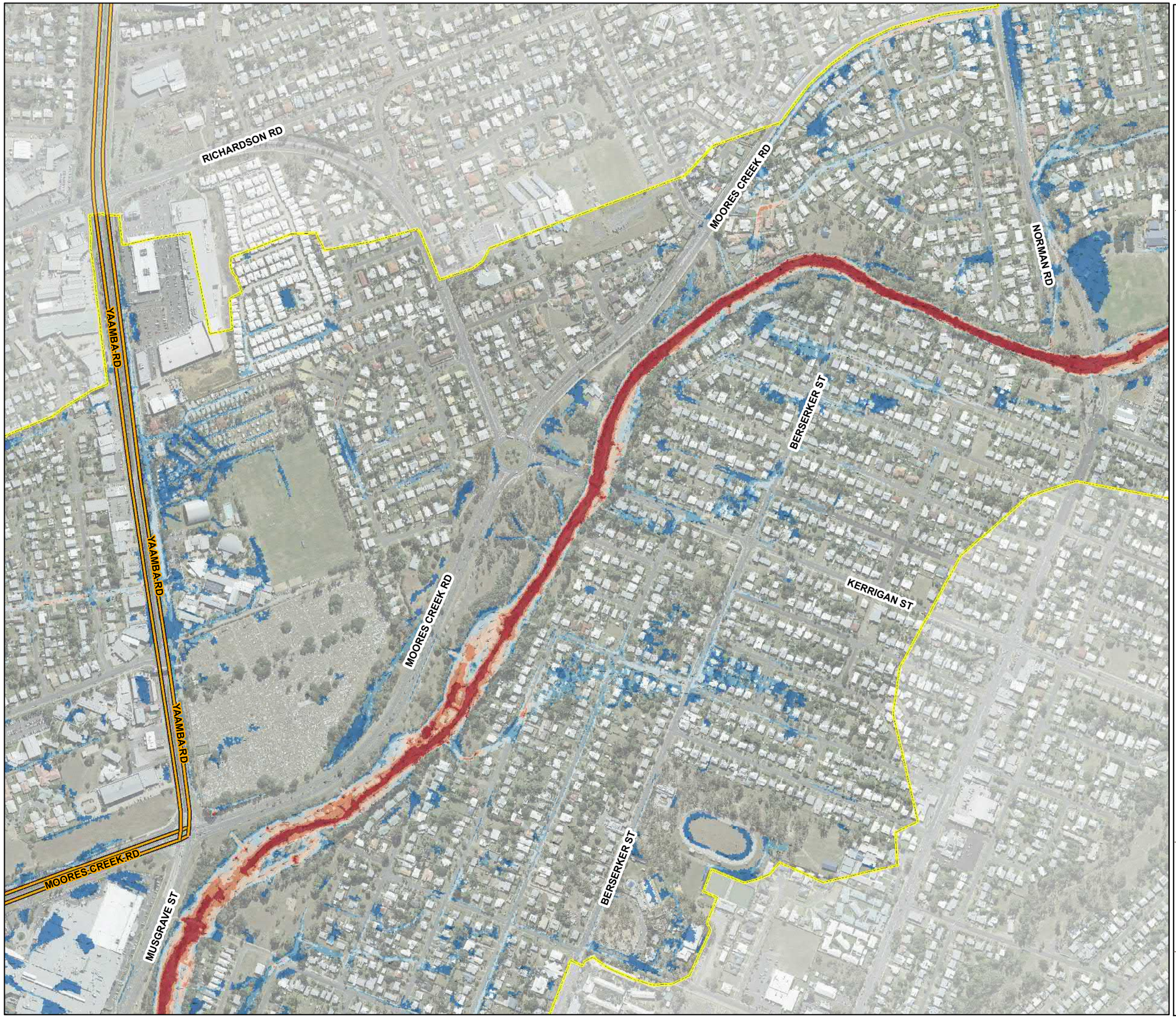
Moores Creek Model
Peak Depth Averaged Velocity - Area 1

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-18

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-18_18p1AEP_Velocity_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

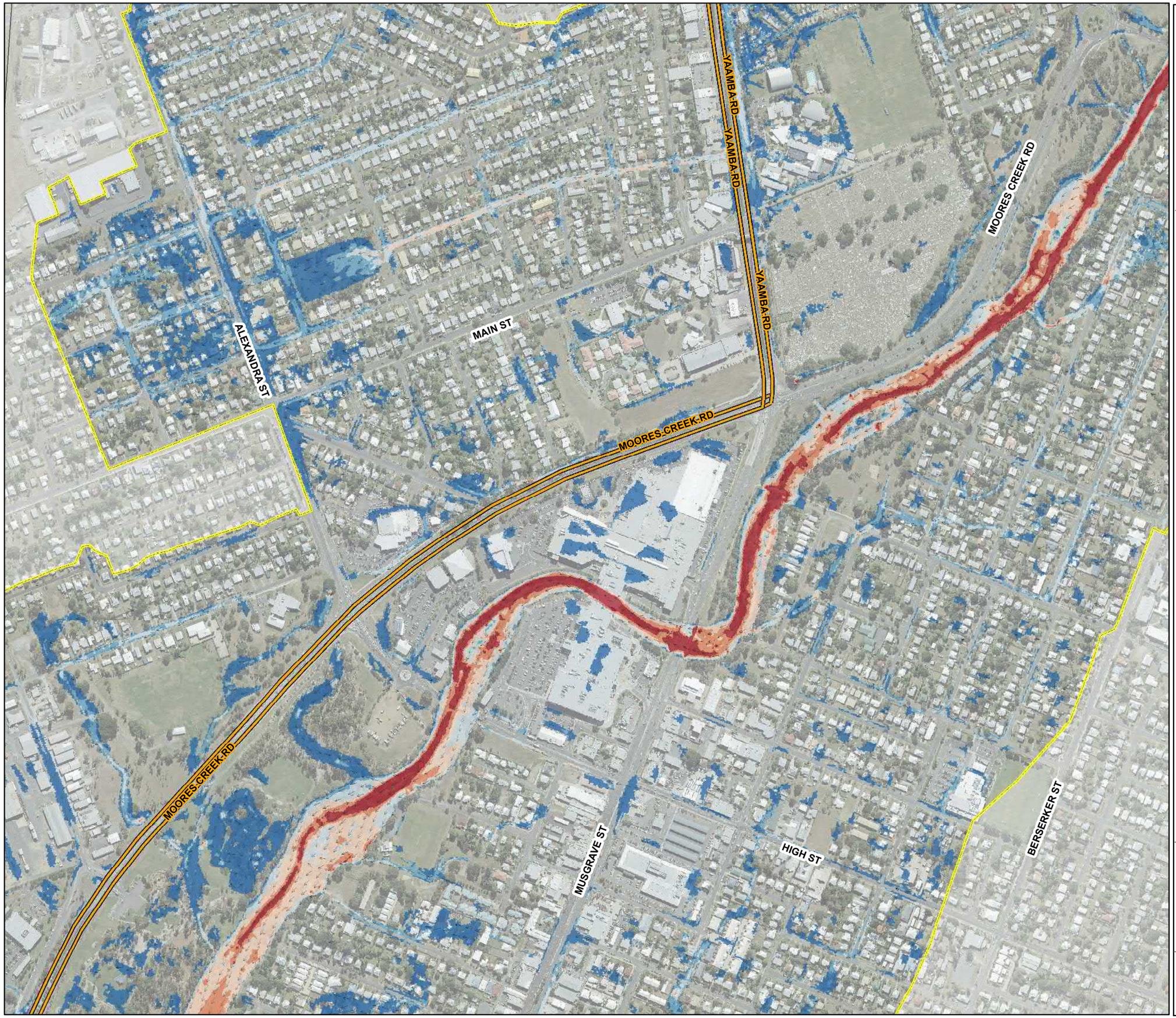
Moores Creek Model
Peak Depth Averaged Velocity - Area 2

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-19

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-19_18p1AEP_Velocity_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Depth Averaged Velocity - Area 3

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-20

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-20_18p1AEP_Velocity_Area3.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

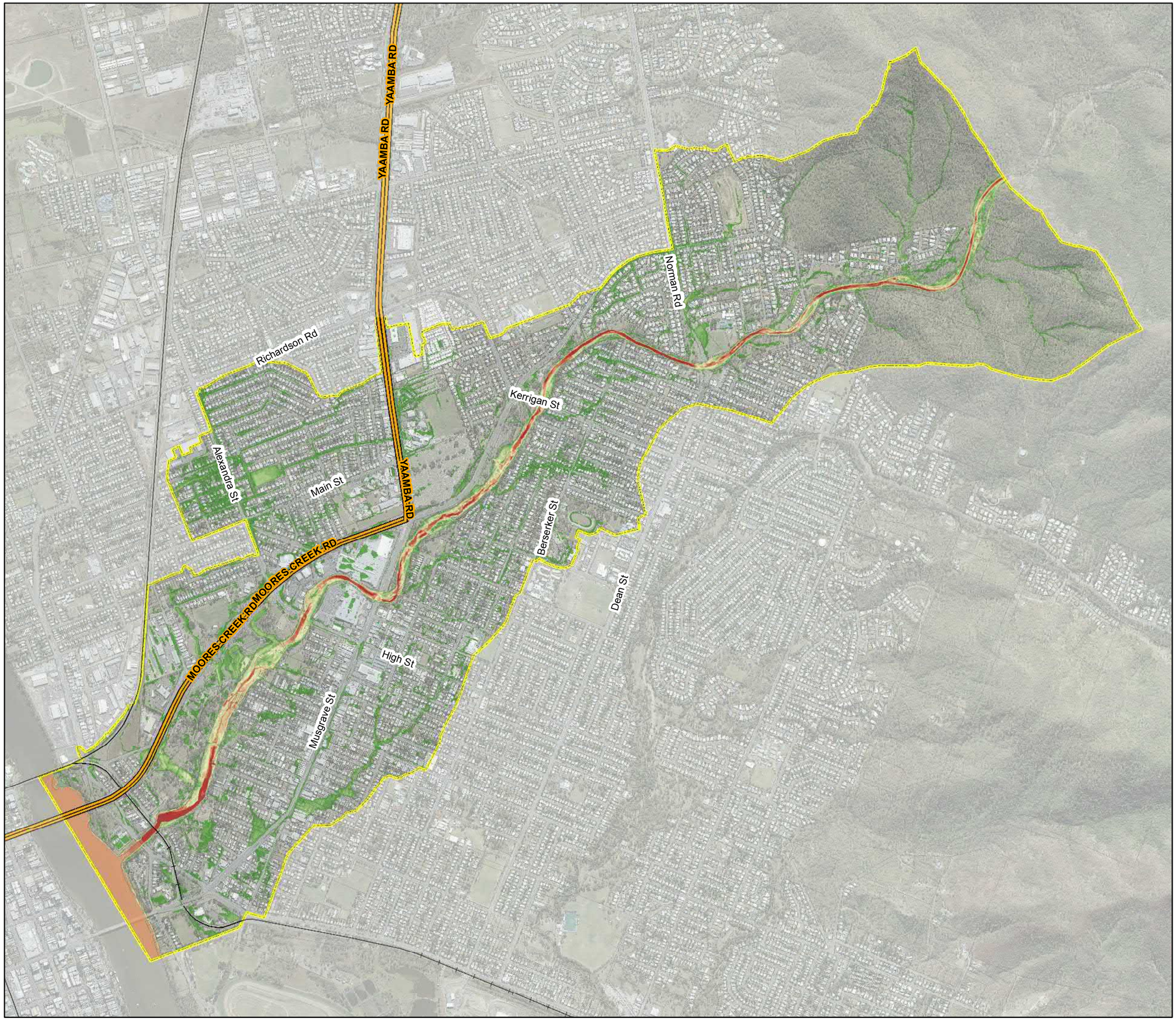
Moores Creek Model
Peak Depth Averaged Velocity - Area 4

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-21

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-21_18p1AEP_Velocity_Area4.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Mask
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

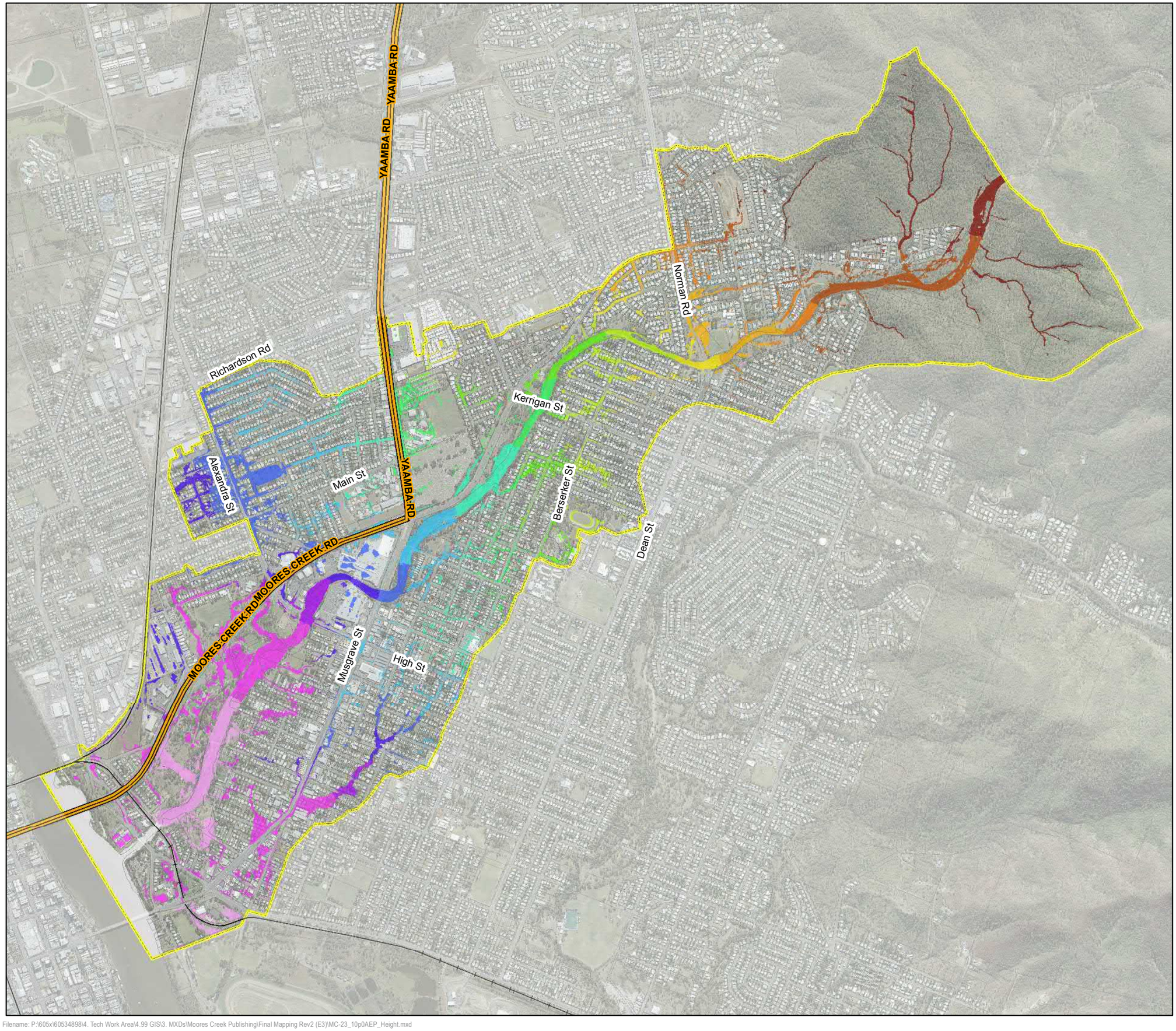
Moores Creek Model
Peak Flood Depths

10% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-22

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-22_10p0AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

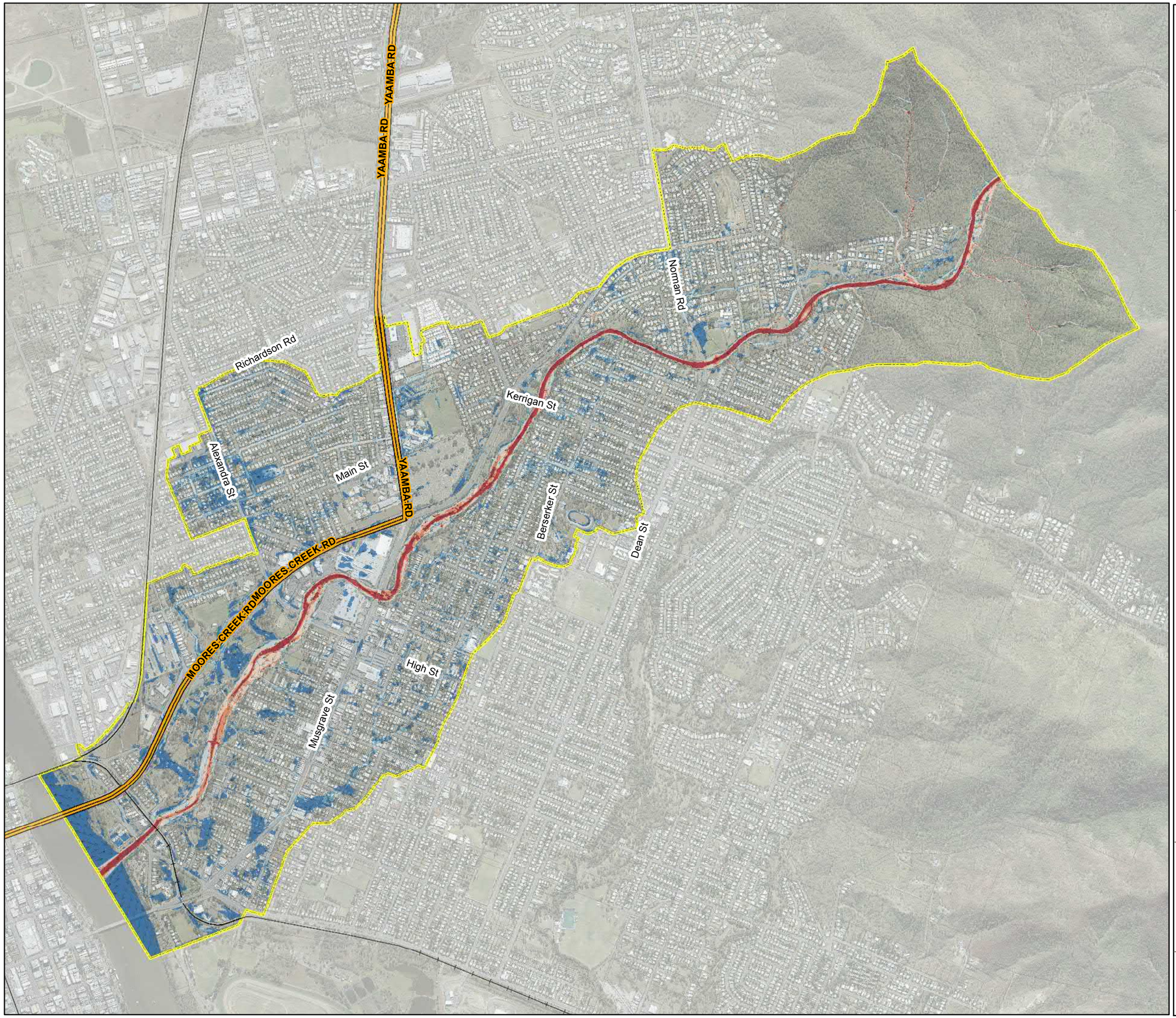
Moores Creek Model
Peak Flood Heights

10% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-23

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-23_10p0AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

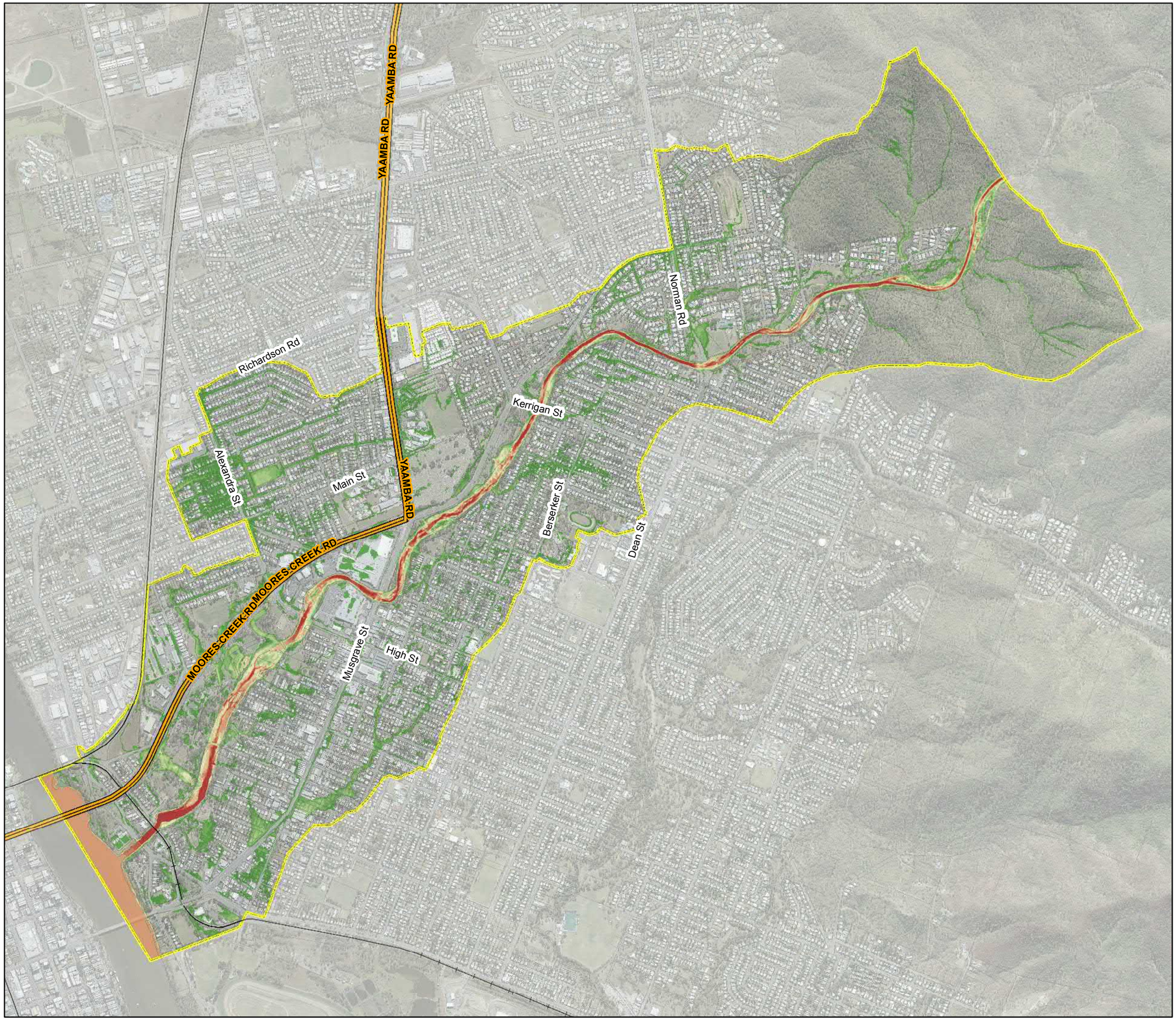
Moores Creek Model
Peak Depth Averaged Velocities

10% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-24

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-24_10p0AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

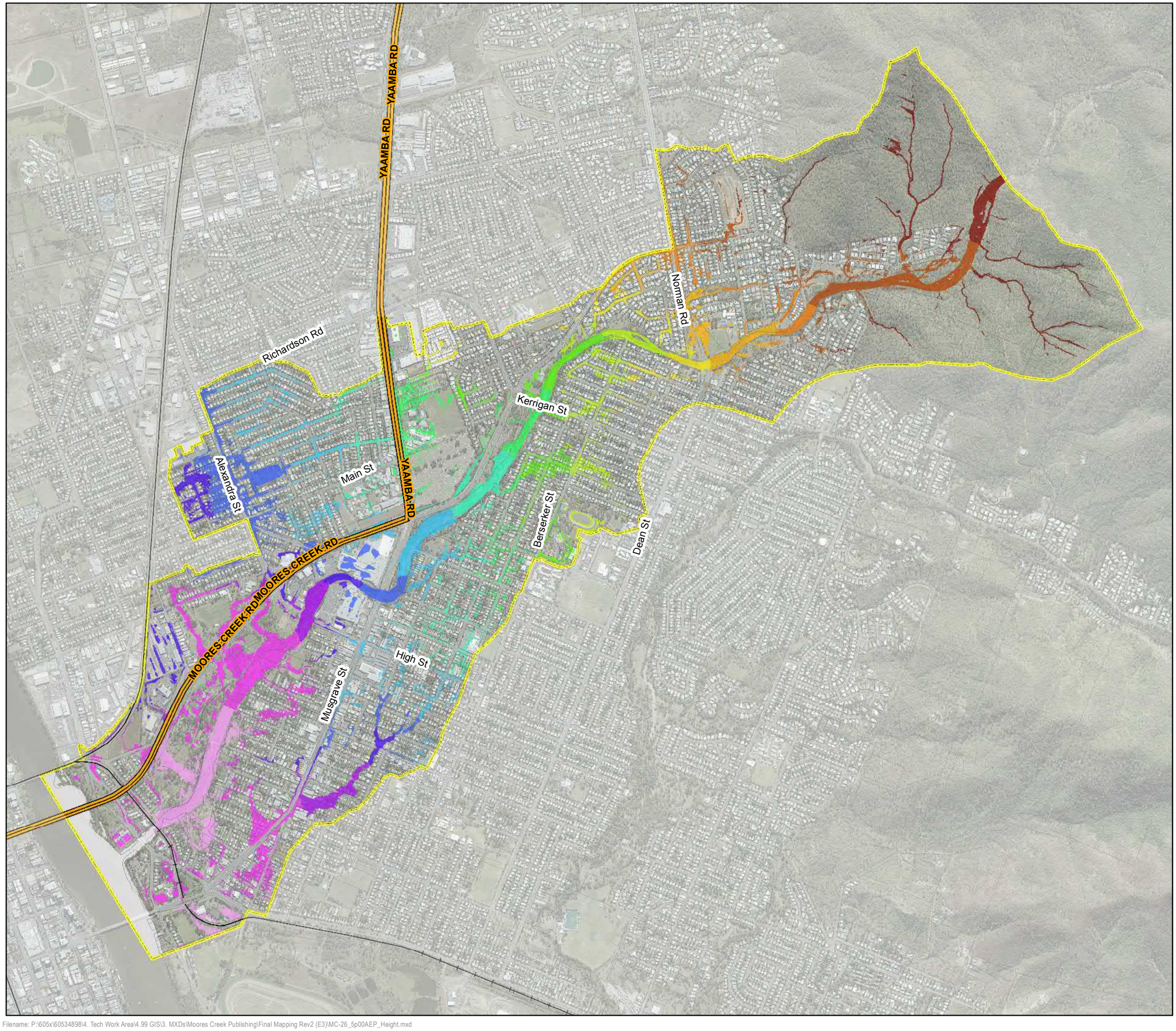
Moores Creek Model
Peak Flood Depths

5% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-25

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-25_5p00AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

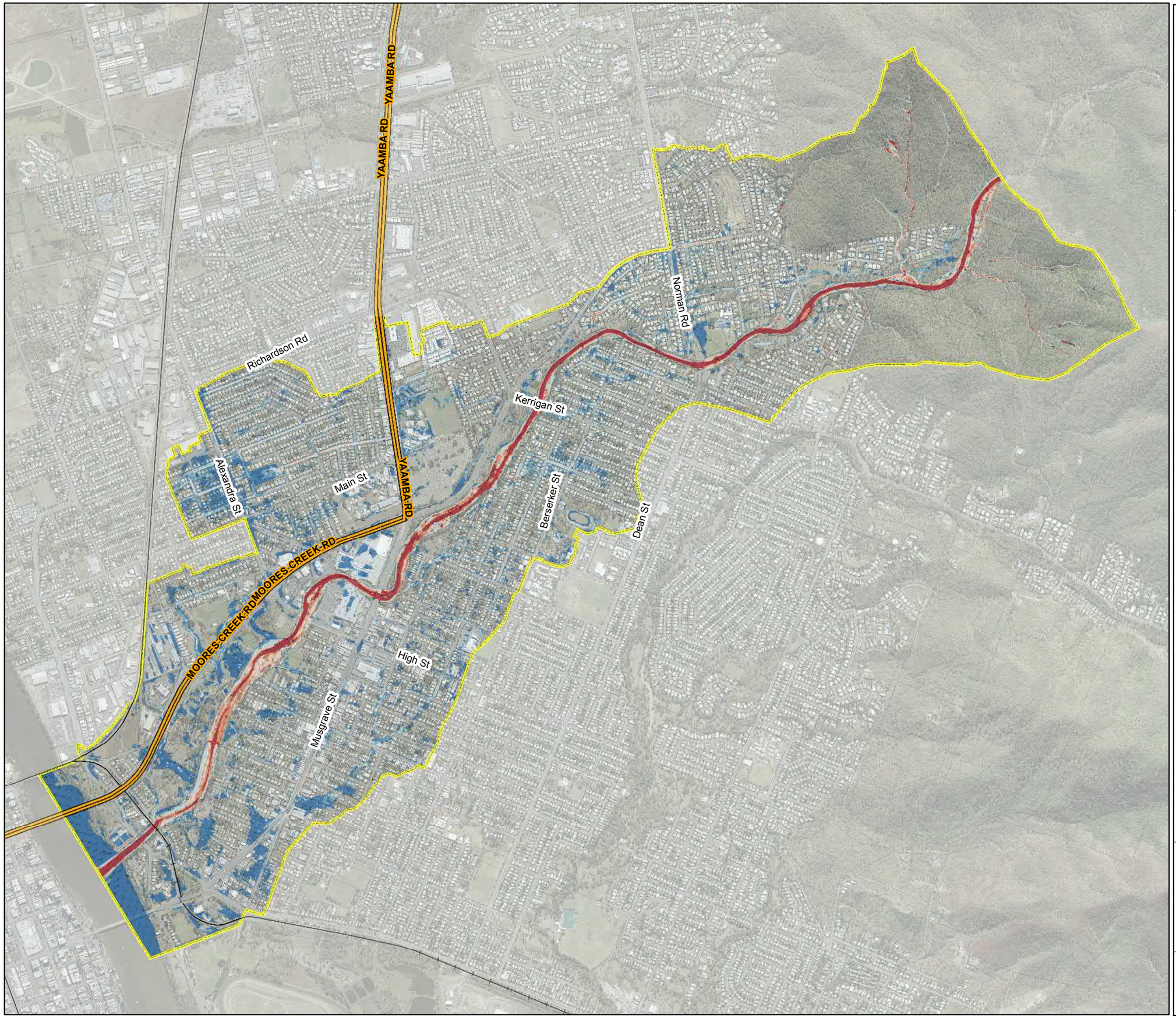
Moores Creek Model
Peak Flood Heights

5% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-26

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-26_5p00AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

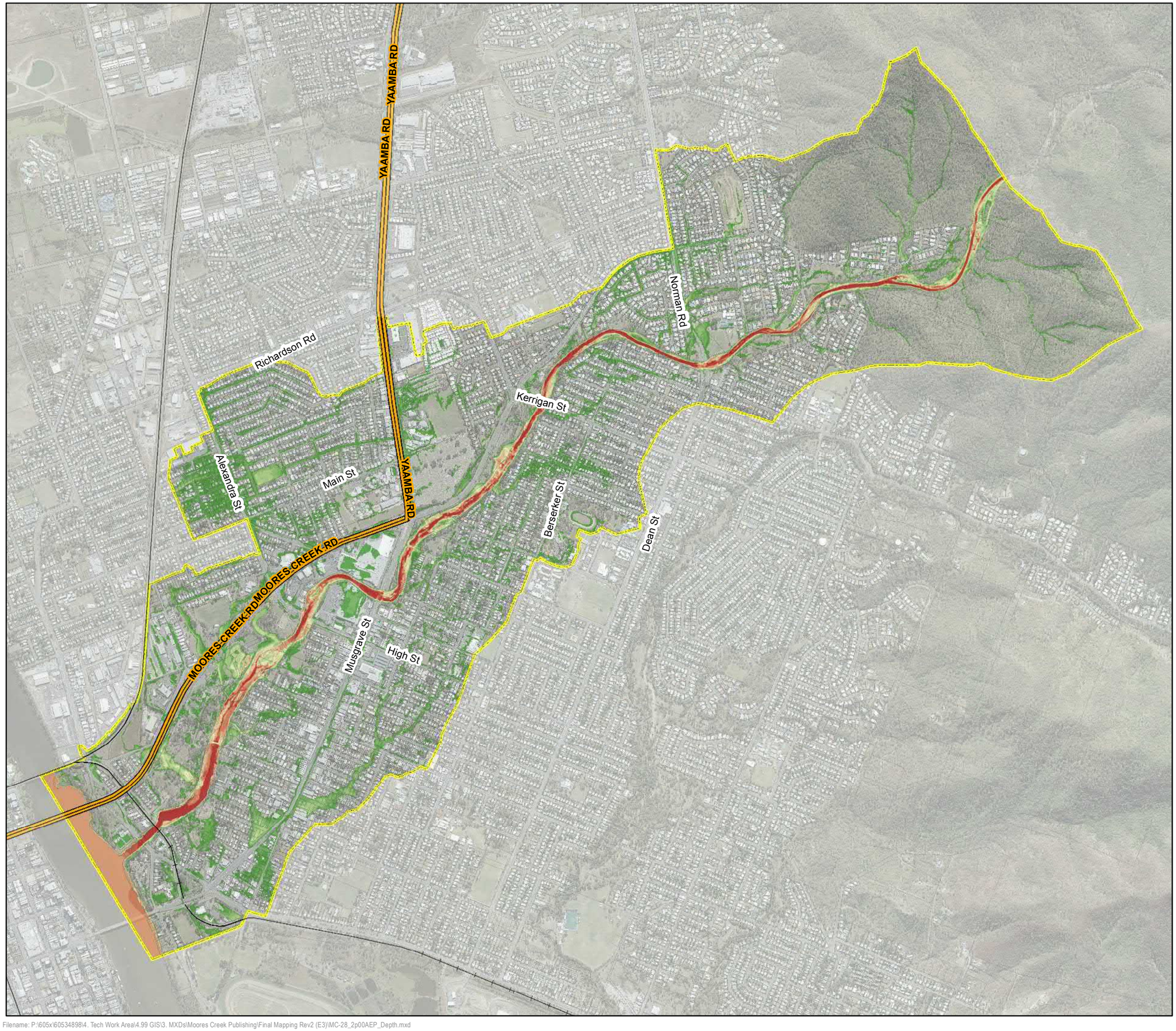
Moores Creek Model
Peak Depth Averaged Velocities

5% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-27

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-27_5p00AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

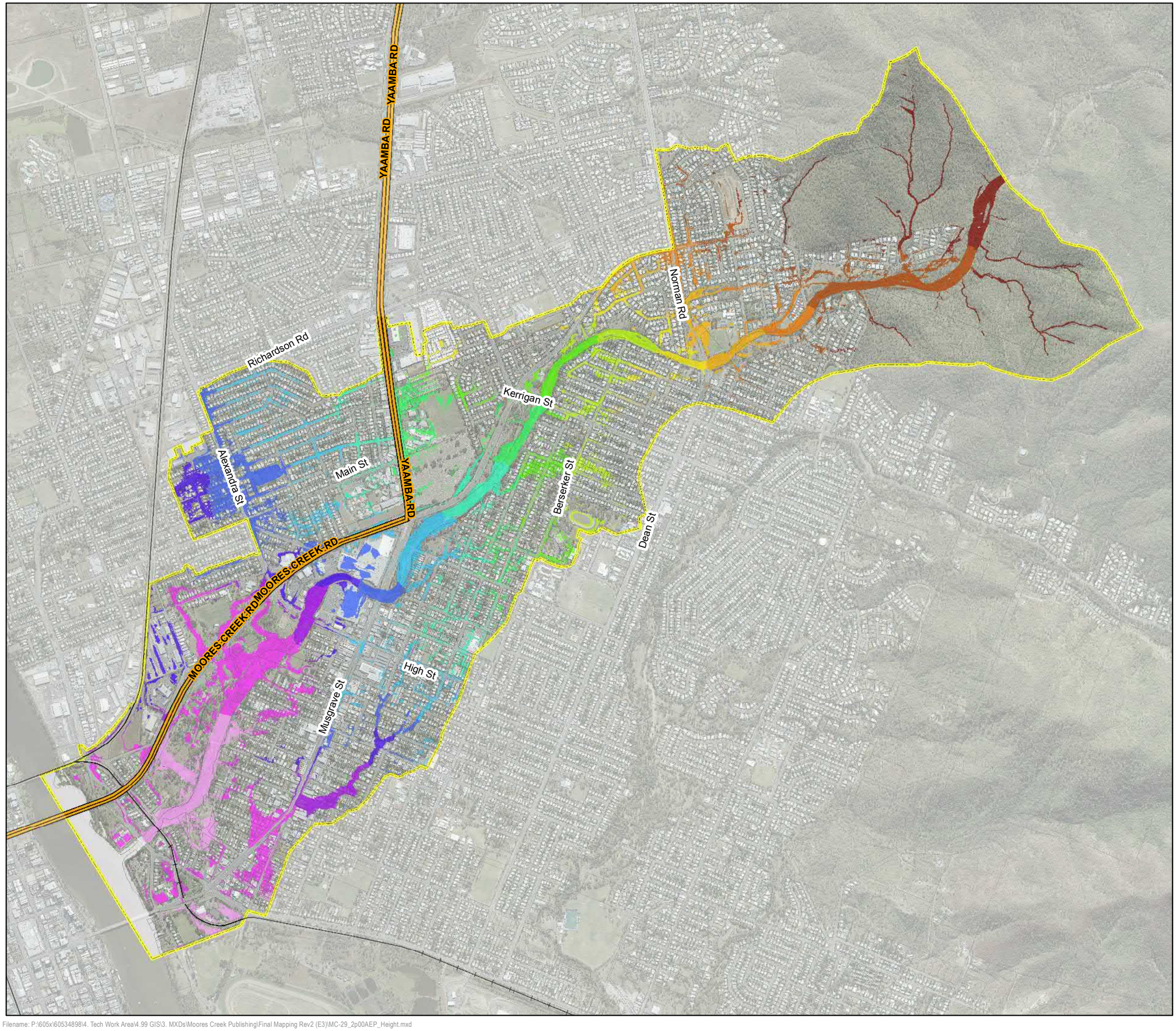
Moores Creek Model
Peak Flood Depths

2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-28

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-28_2p00AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

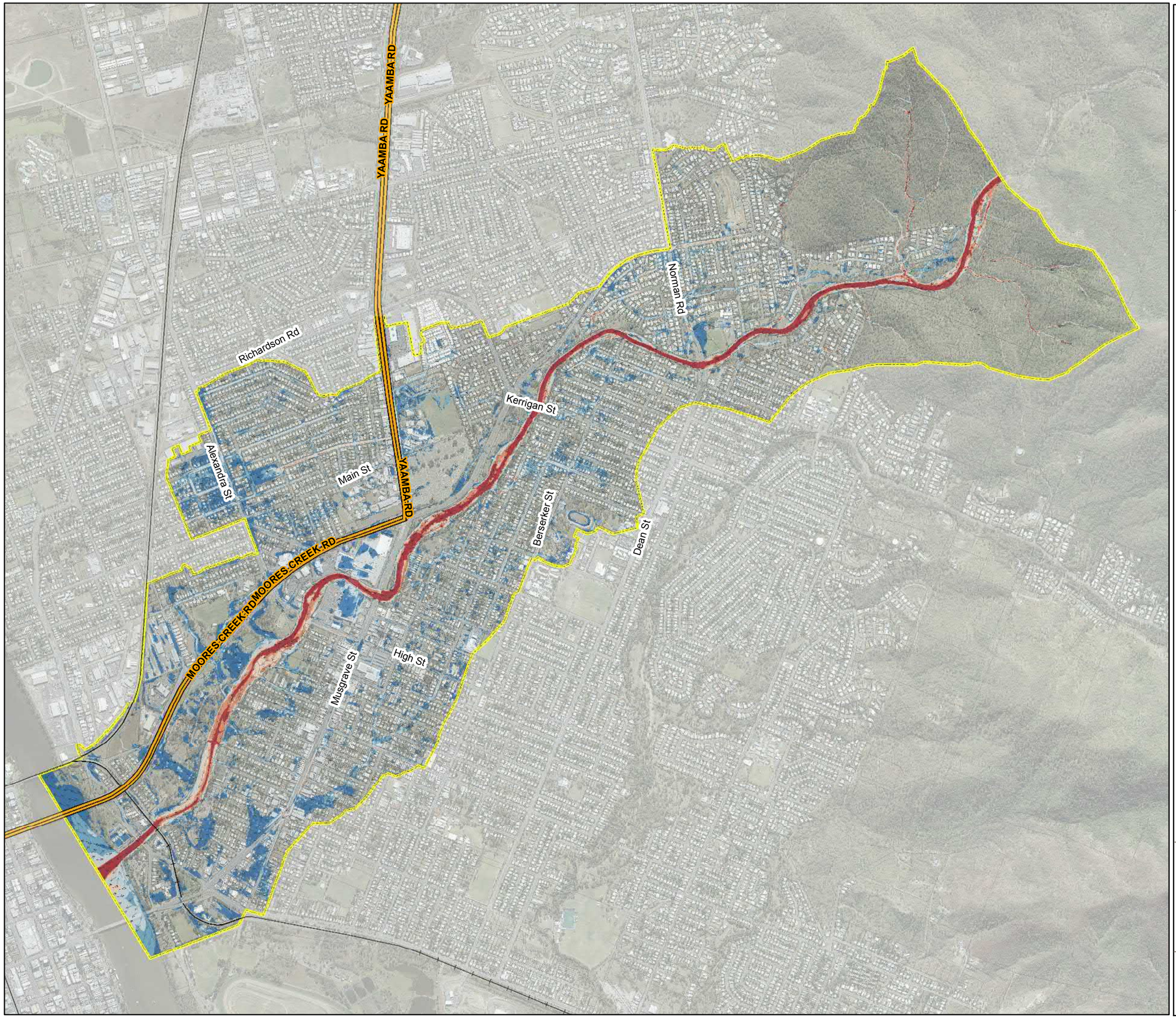
Moores Creek Model
Peak Flood Heights

2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-29

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-29_2p00AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

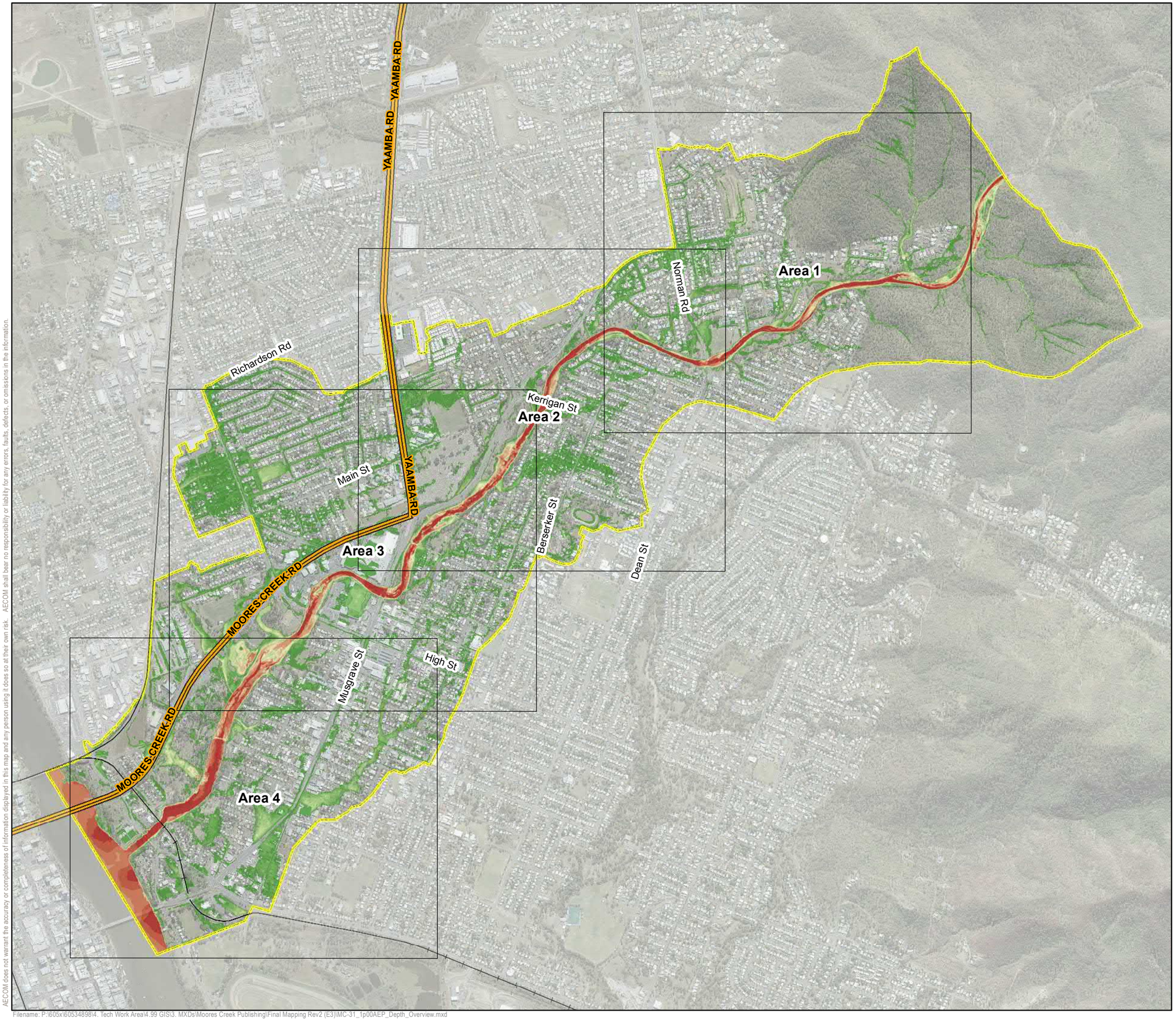
Moores Creek Model
Peak Depth Averaged Velocities

2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-30

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-30_2p00AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

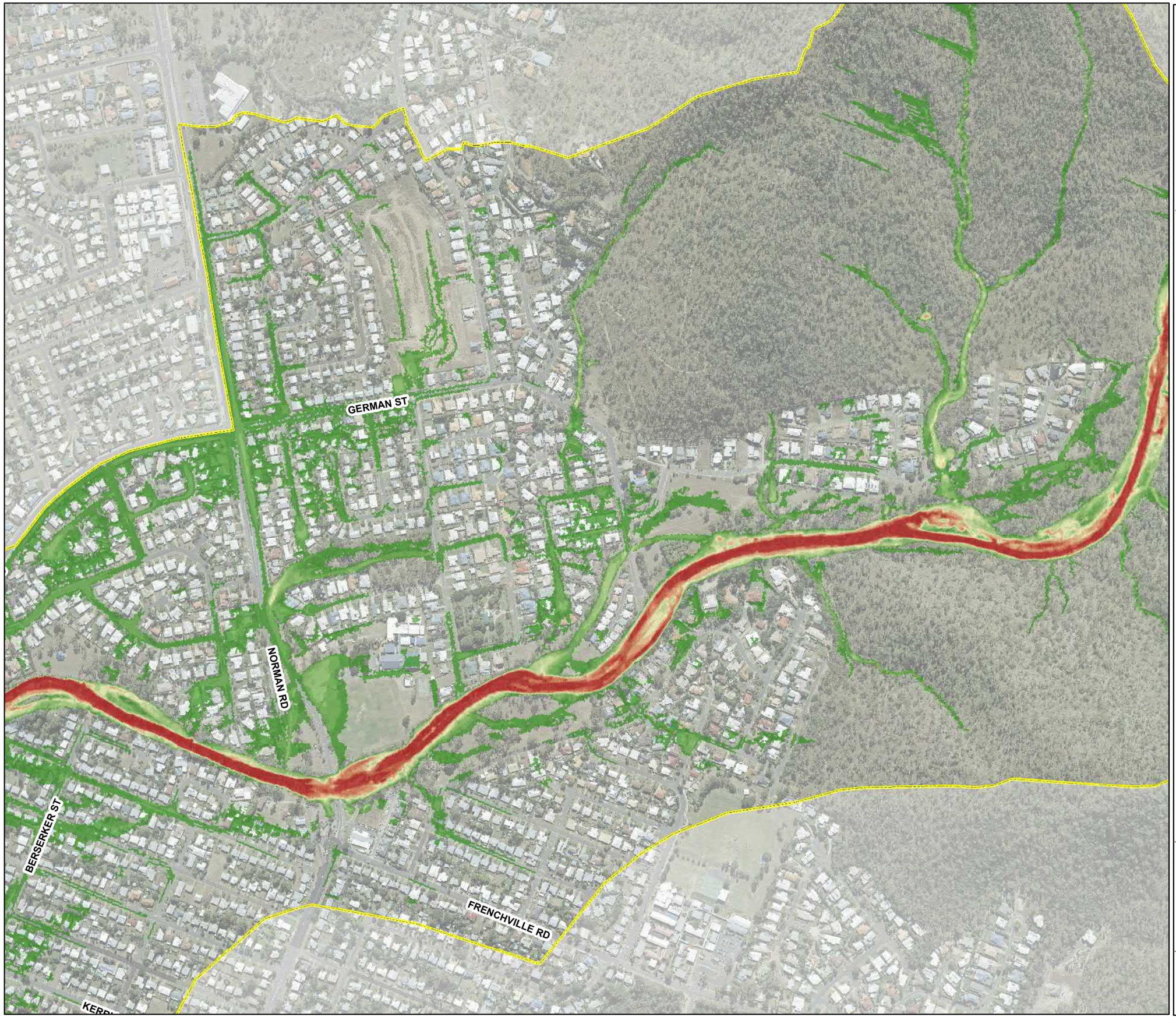
Moores Creek Model
Peak Flood Depths - Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-31

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-31_1p00AEP_Depth_Overview.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

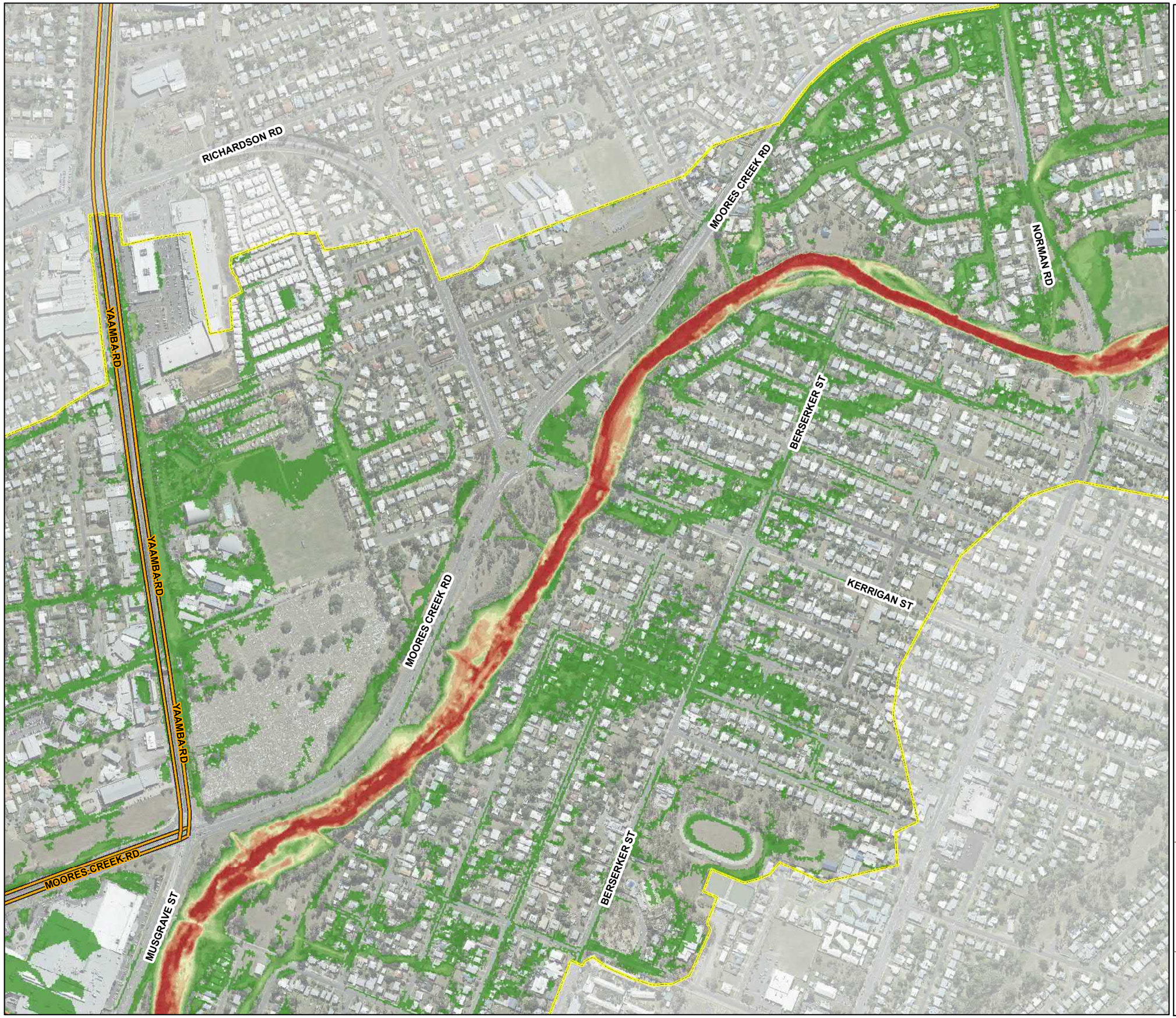
Moores Creek Model
Peak Flood Depths - Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-32

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-32_1p00AEP_Depth_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

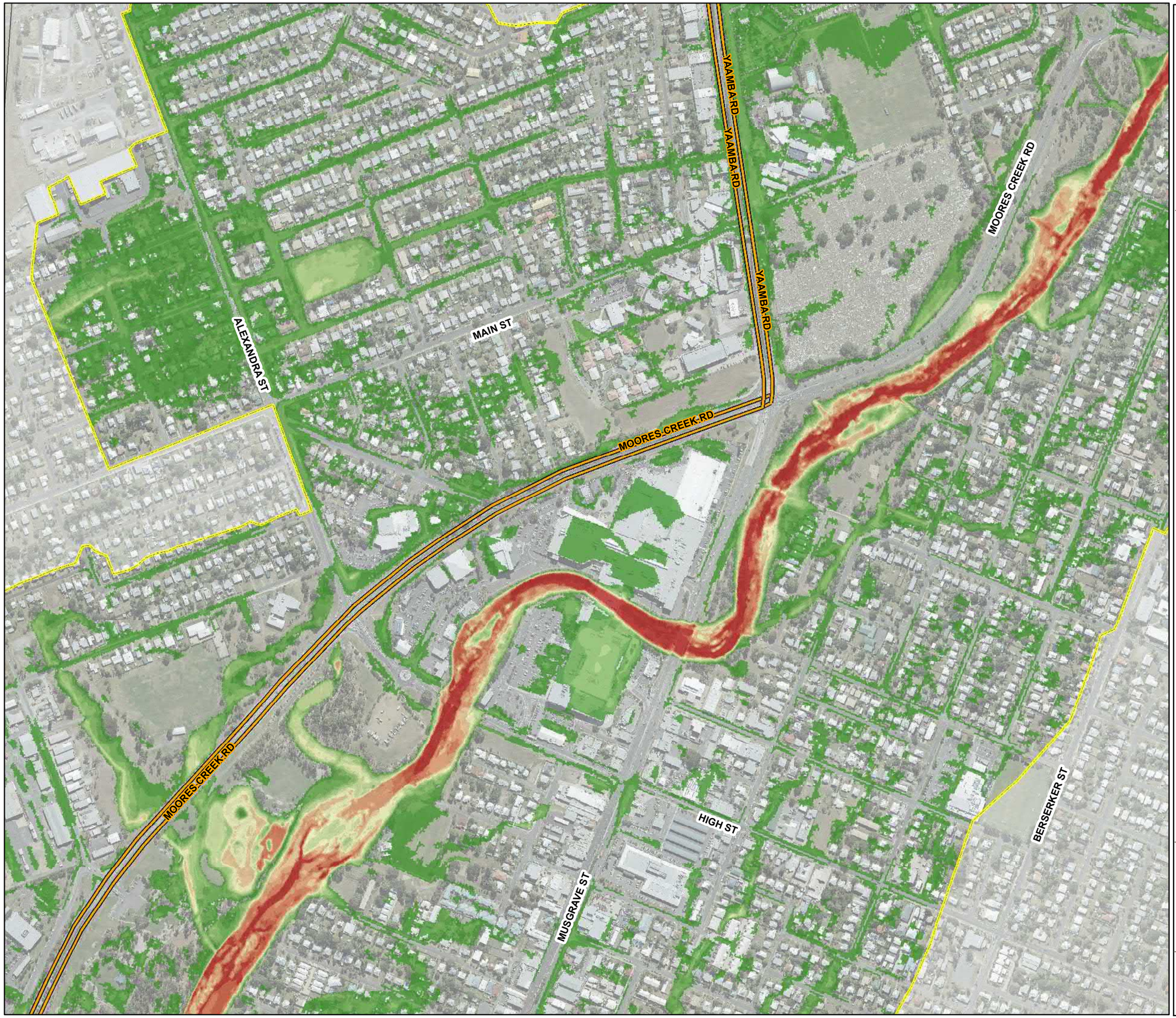
Moores Creek Model
Peak Flood Depths - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-33

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-33_1p00AEP_Depth_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

Moores Creek Model
Peak Flood Depths - Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-34

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-34_1p00AEP_Depth_Area3.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

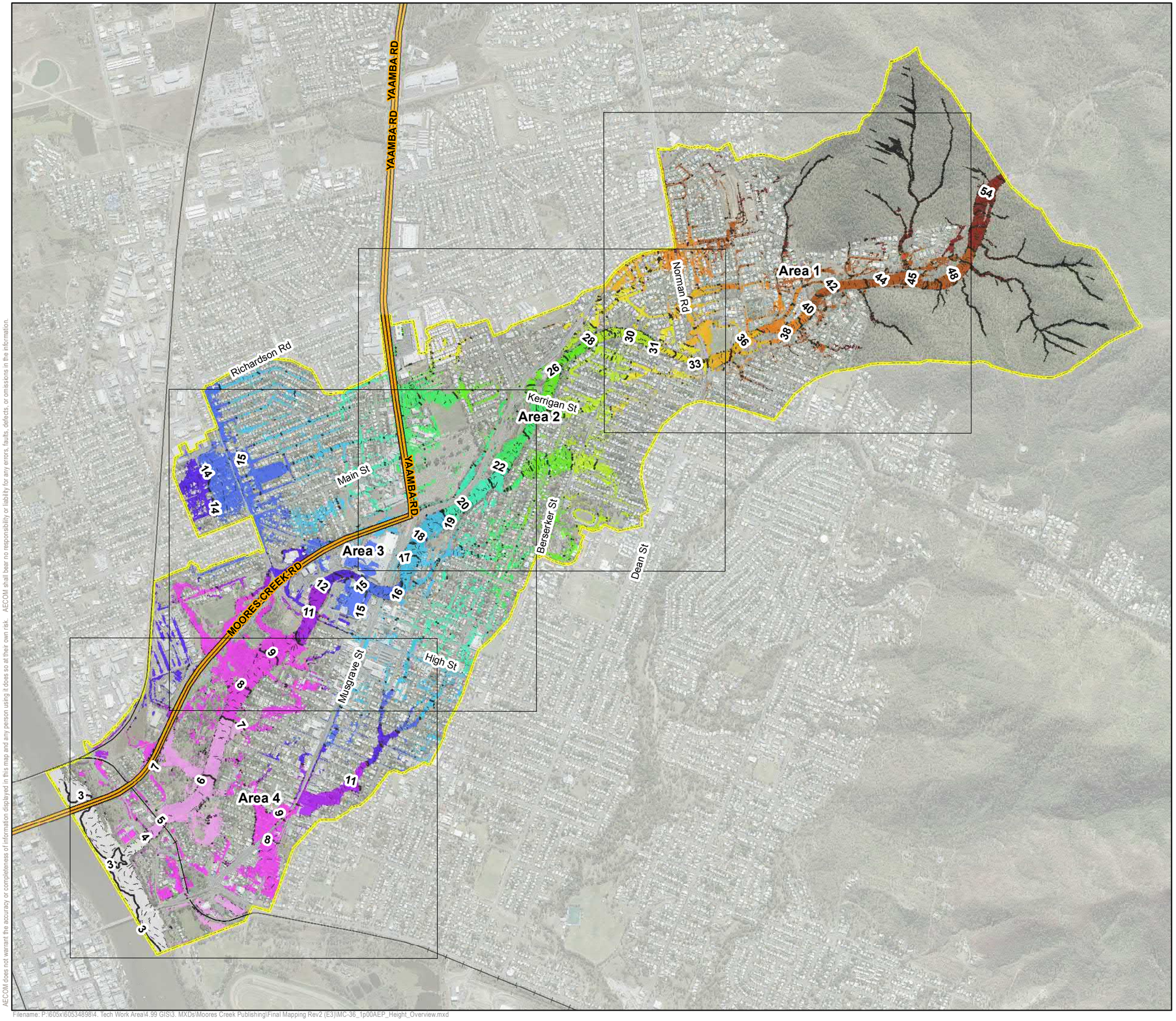
Moores Creek Model
Peak Flood Depths - Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-35

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-35_1p00AEP_Depth_Area4.mxd



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N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

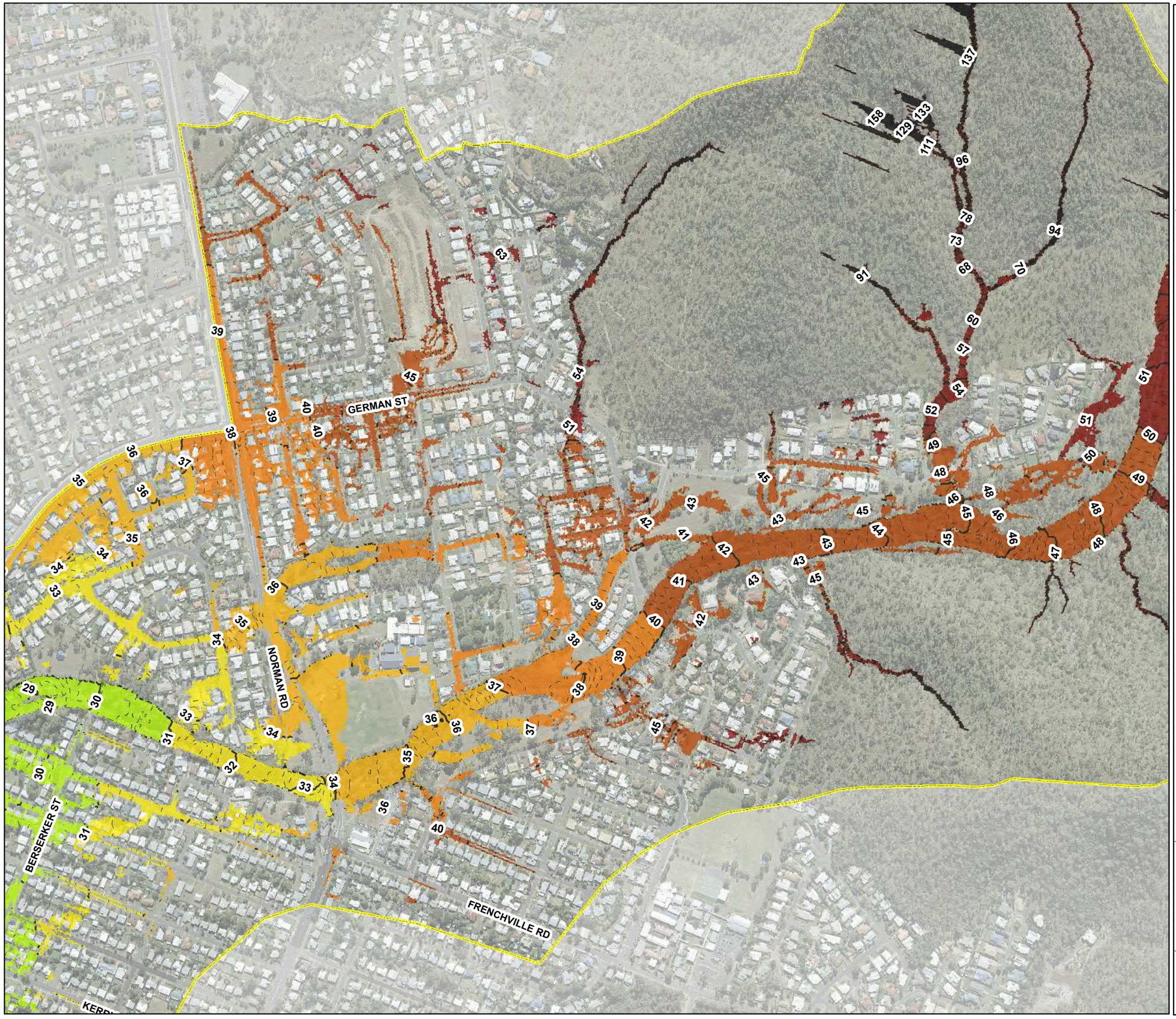
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Flood Heights - Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-36



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

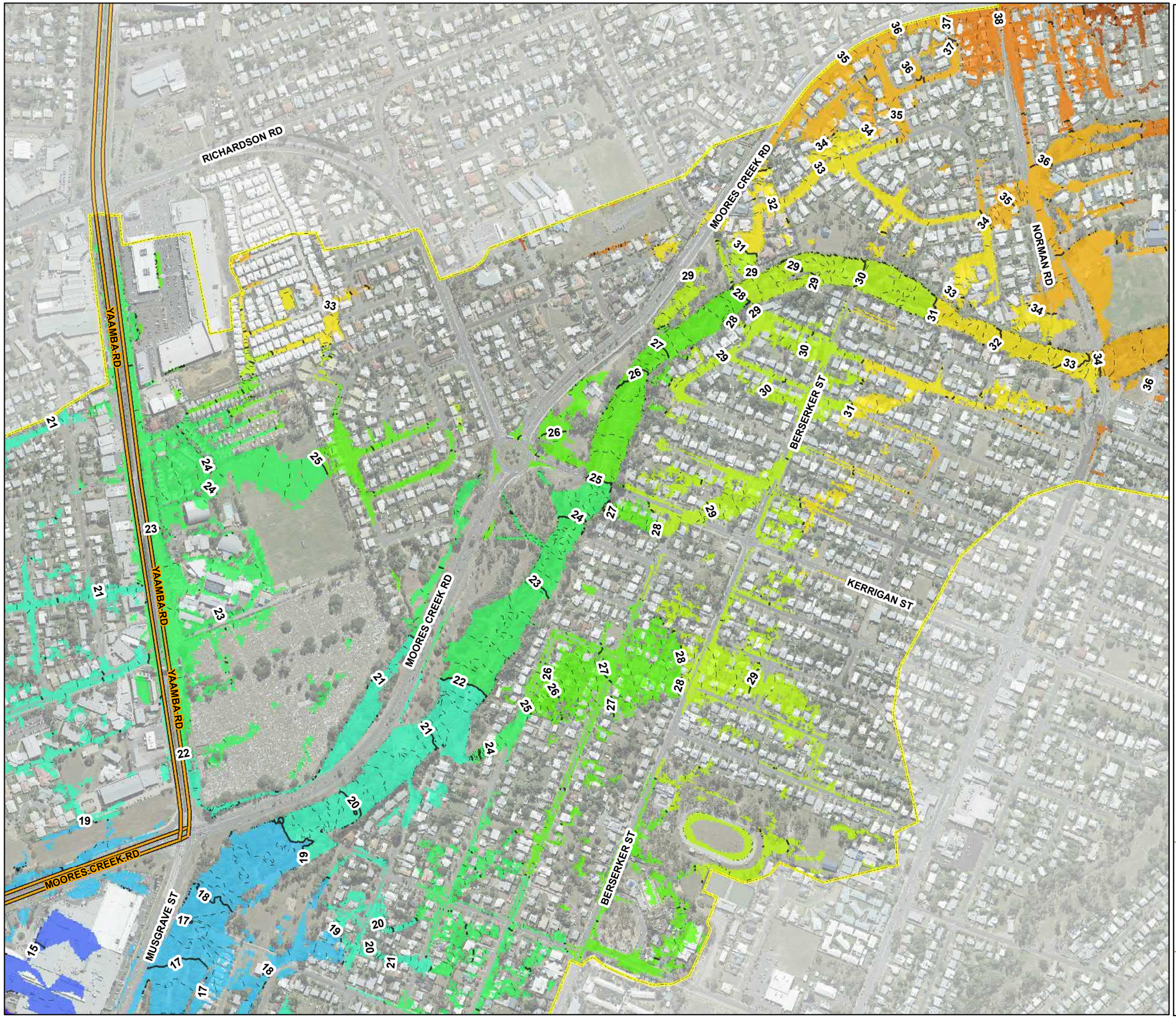
Moores Creek Model
Peak Flood Heights - Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-37

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-37_1p00AEP_Height_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
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LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

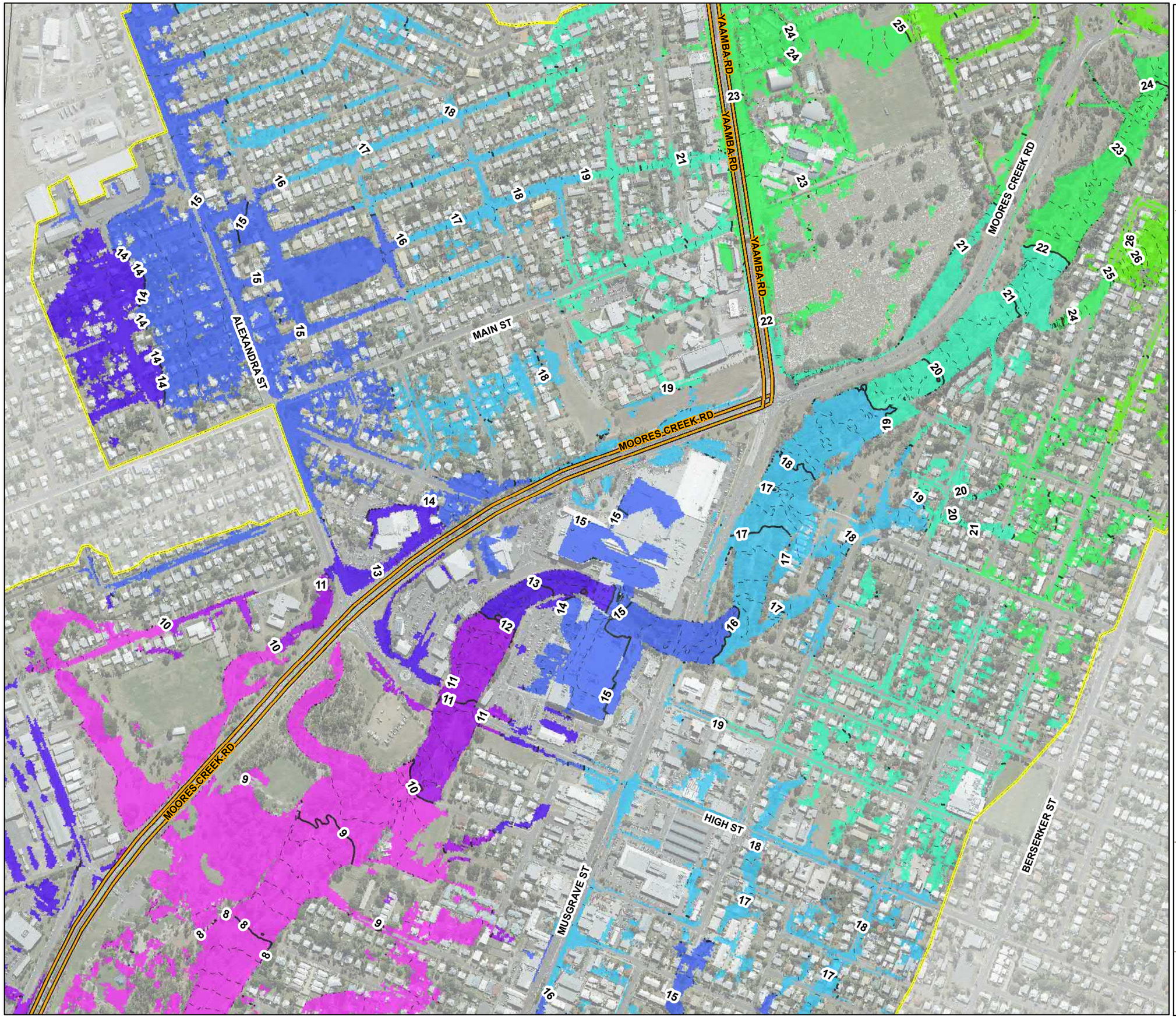
Moores Creek Model
Peak Flood Heights - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-38

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-38_1p00AEP_Height_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

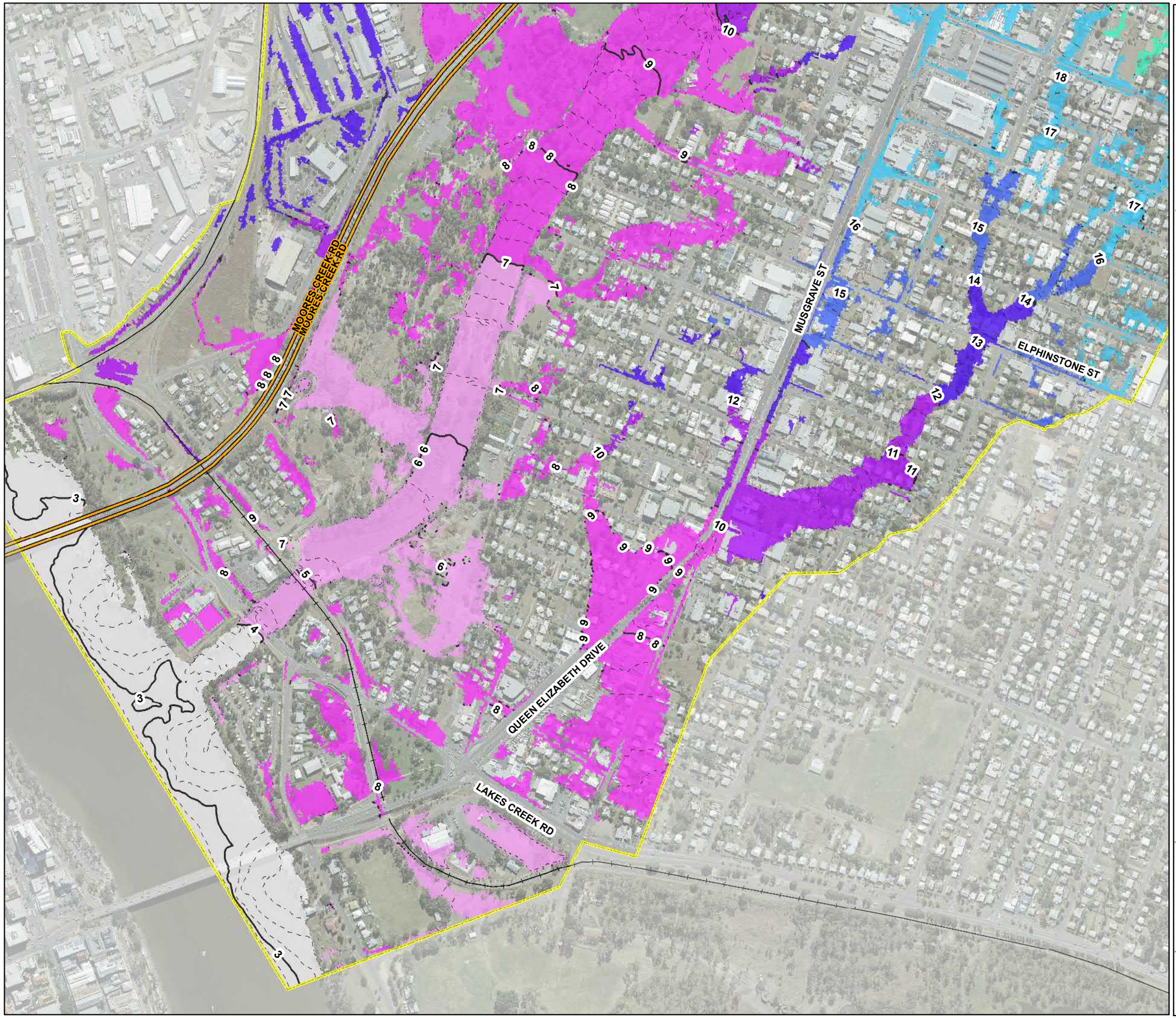
Moores Creek Model
Peak Flood Heights - Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-39

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-39_1p00AEP_Height_Area3.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- 0.5m Contour
- 1m Contour
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

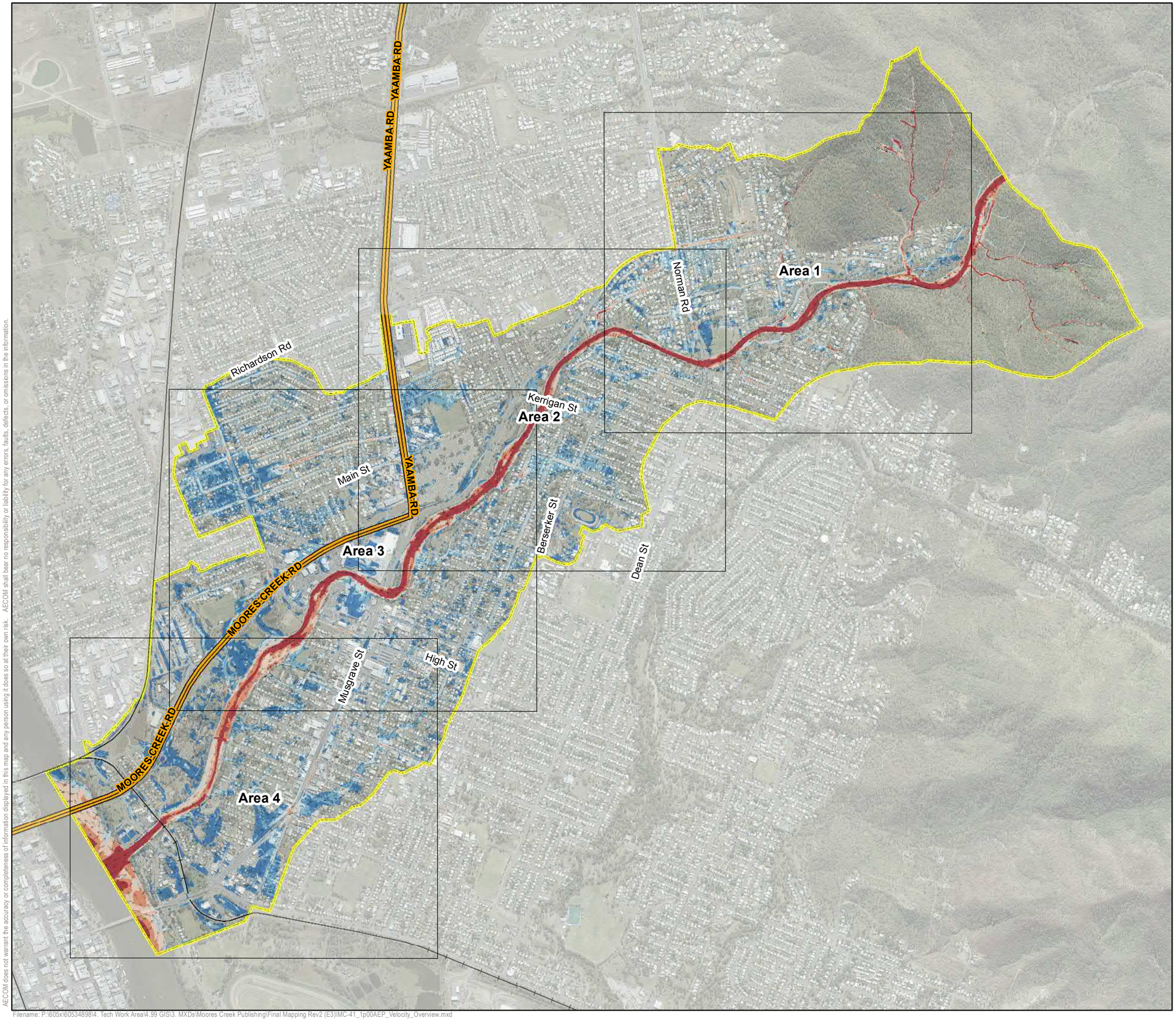
Moores Creek Model
Peak Flood Heights - Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-40

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-40_1p00AEP_Height_Area4.mxd



Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-41_1p00AEP_Velocity_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Depth Averaged Velocity - Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-41

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

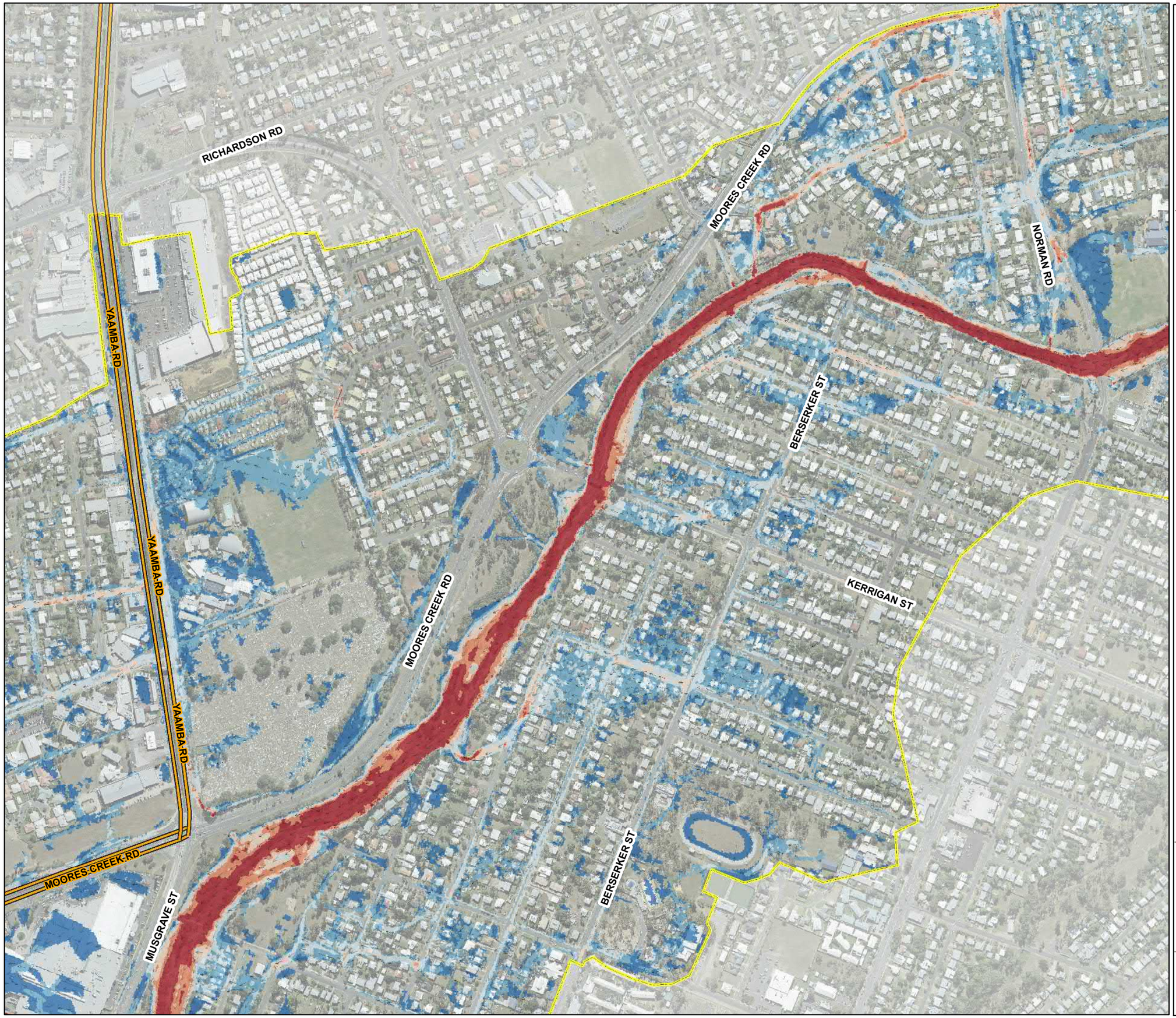
Moores Creek Model
Peak Depth Averaged Velocity - Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-42

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-42_1p00AEP_Velocity_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Depth Averaged Velocity - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-43

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-43_1p00AEP_Velocity_Area2.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Depth Averaged Velocity - Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-44

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-44_1p00AEP_Velocity_Area3.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

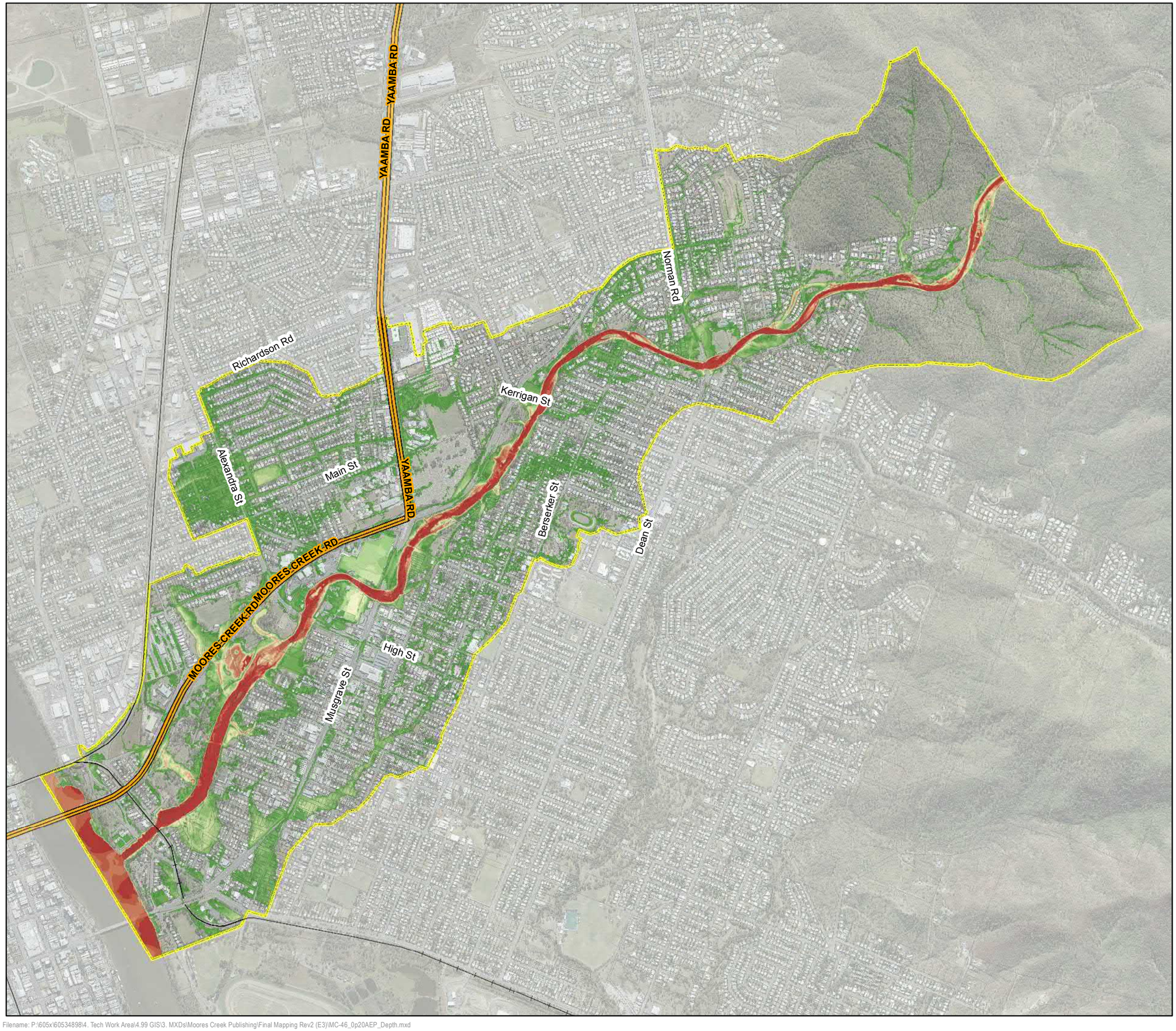
Moores Creek Model
Peak Depth Averaged Velocity - Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-45

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-45_1p00AEP_Velocity_Area4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

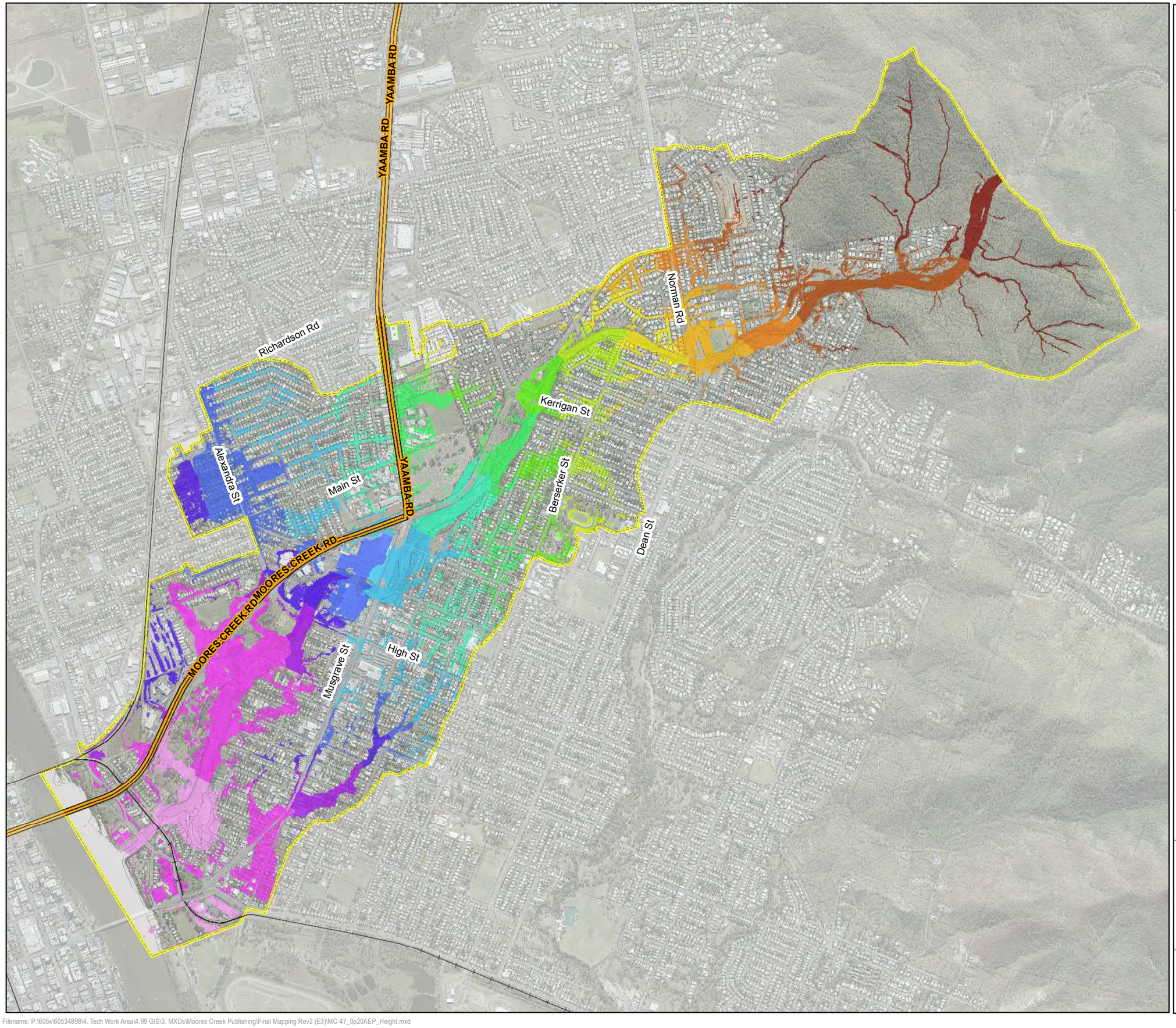
Moores Creek Model
Peak Flood Depths

0.2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-46

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-46_0p20AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

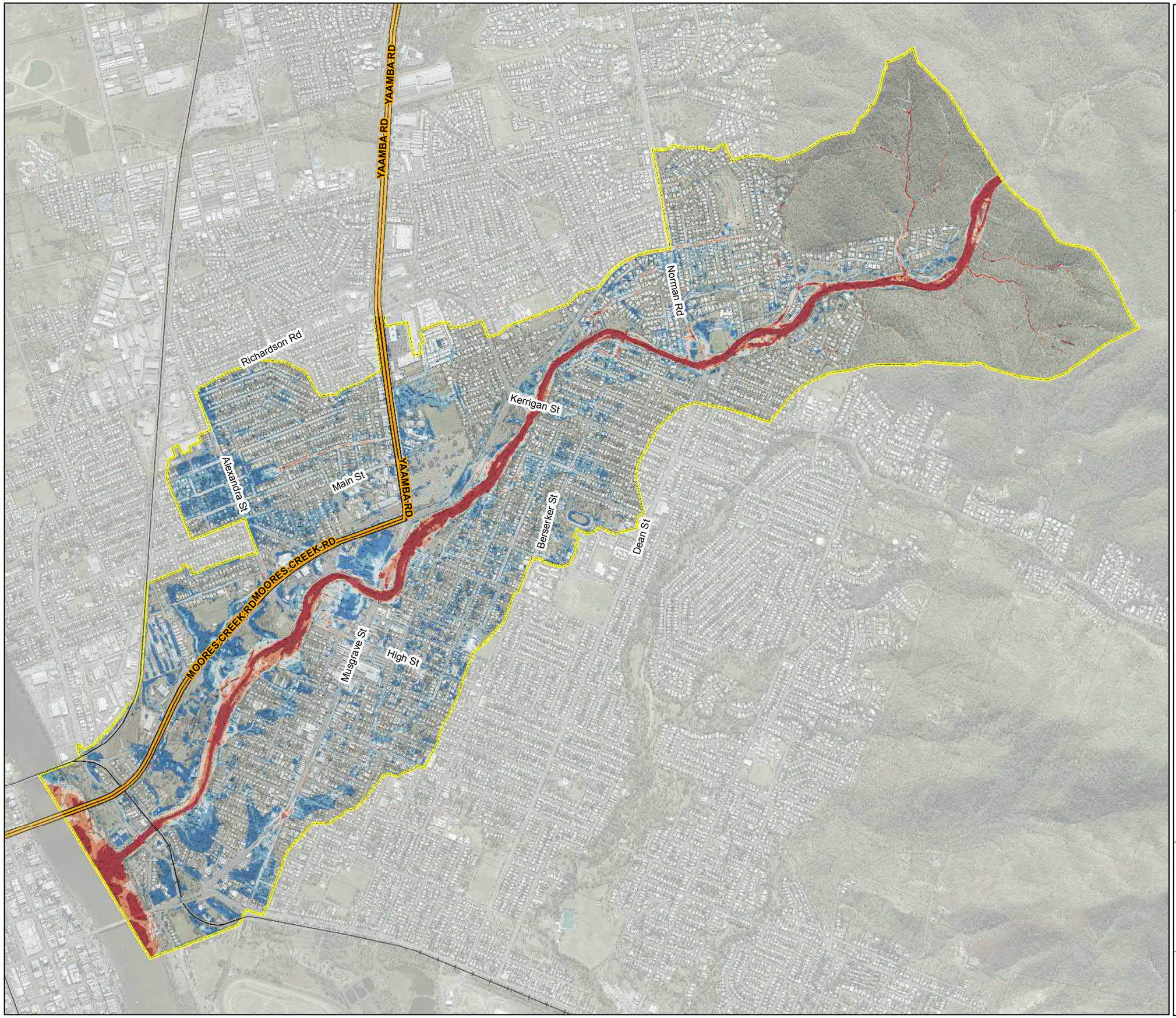
Moores Creek Model
Peak Flood Heights

0.2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-47

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-47_0p20AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Average Depth Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

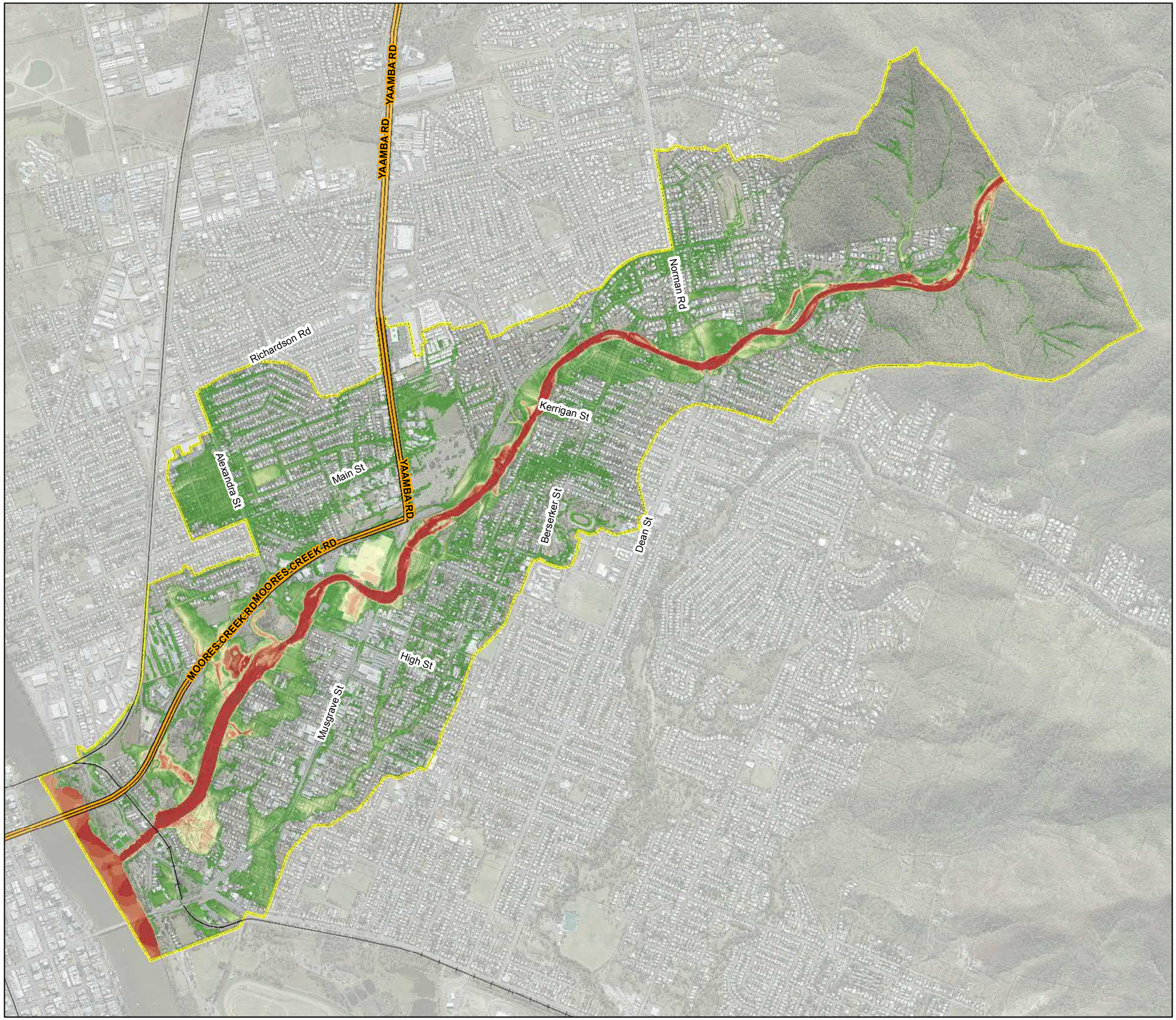
Moores Creek Model
Peak Depth Averaged Velocities

0.2% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-48

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-48_0p20AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

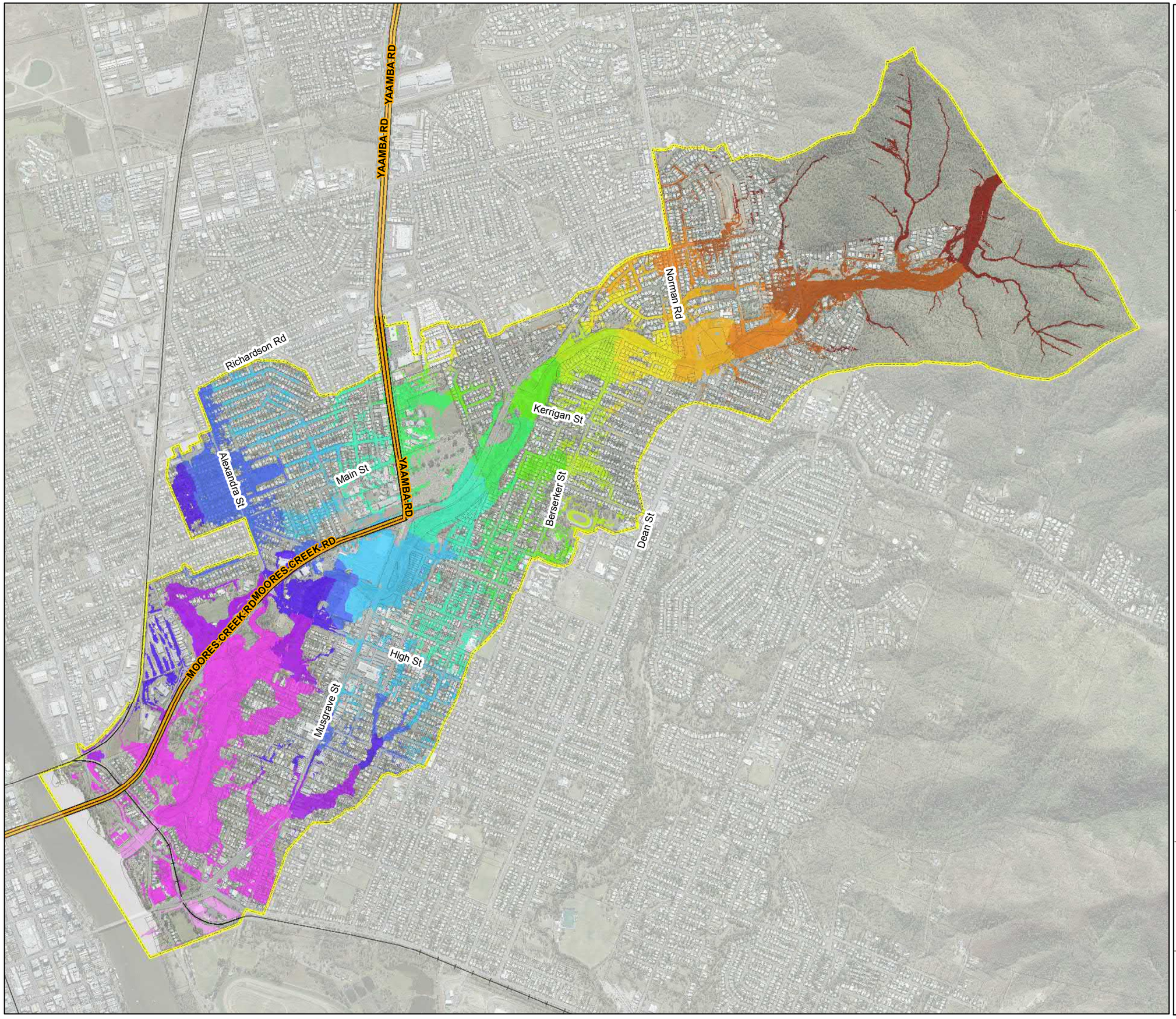
Moores Creek Model
Peak Flood Depths

0.05% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-49

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-49_0p05AEP_Depth.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Height (mAHD)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

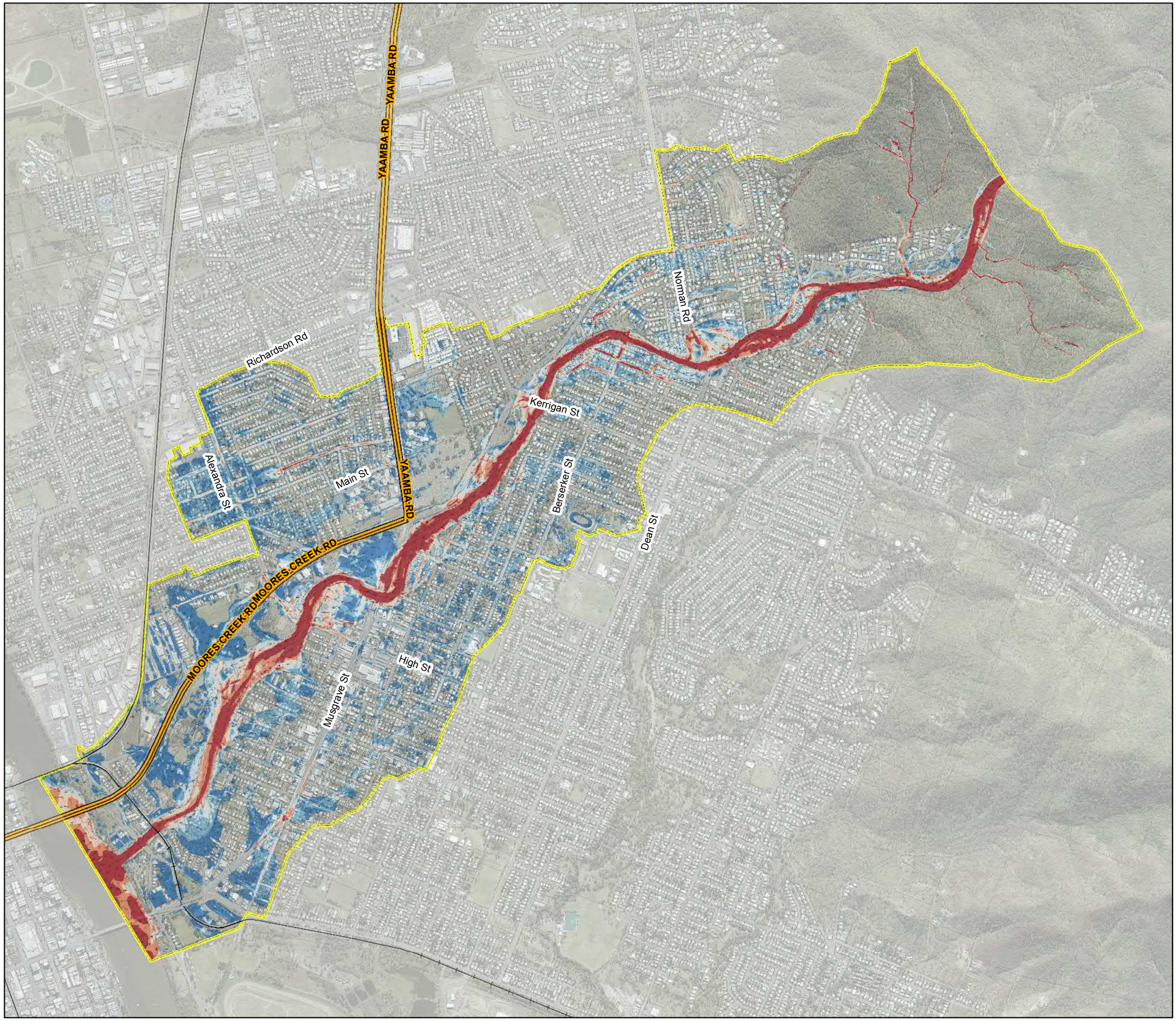
Moores Creek Model
Peak Flood Heights

0.05% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-50

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-50_0p05AEP_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
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LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

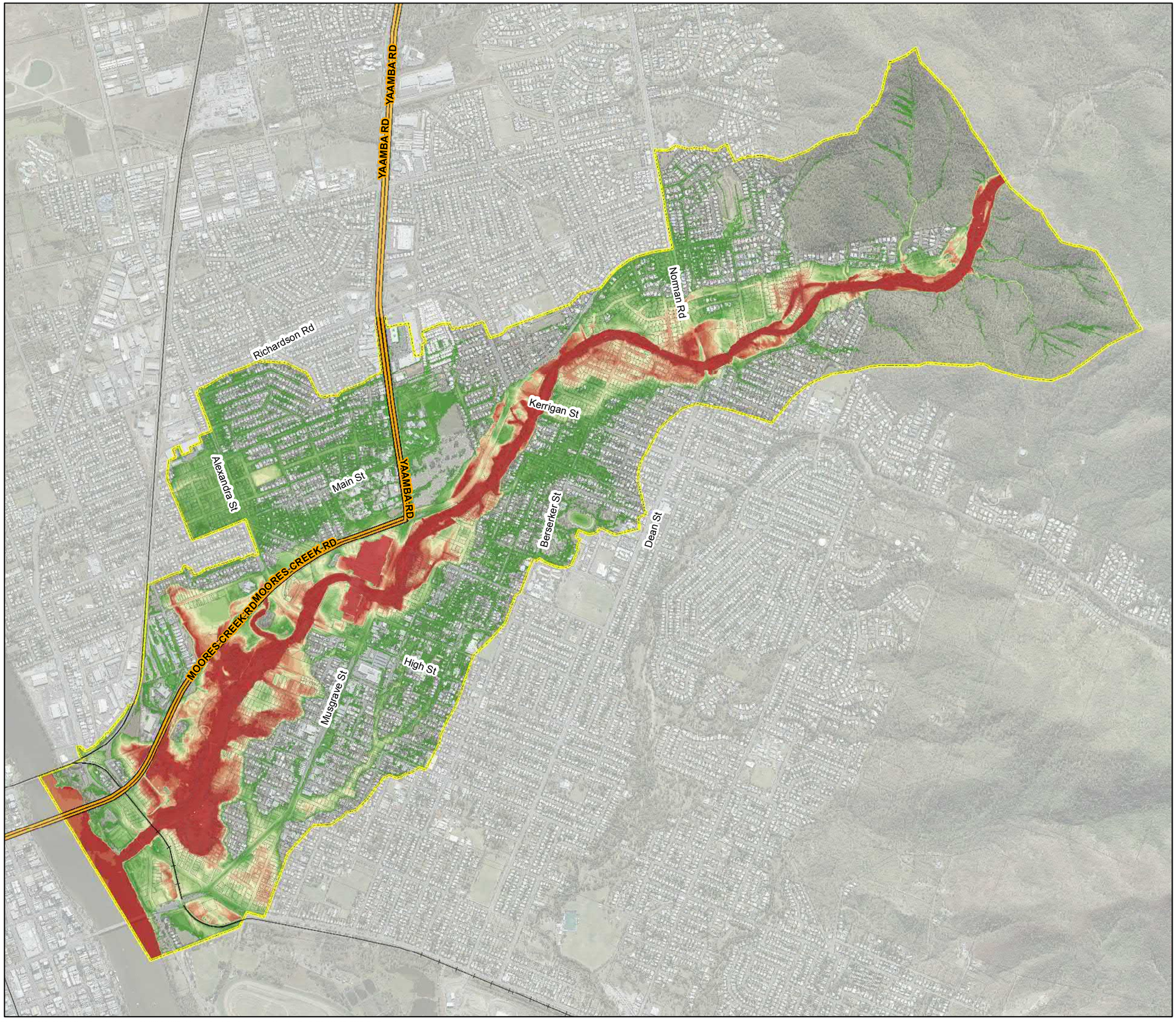
Moores Creek Model
Peak Depth Averaged Velocities

0.05% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-51

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-51_0p05AEP_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Depth (m)

- < 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- 1.2 - 1.5
- 1.5 - 1.8
- 1.8 - 2.1
- 2.1 - 2.4
- 2.4 - 2.7
- 2.7 - 3
- > 3.0

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

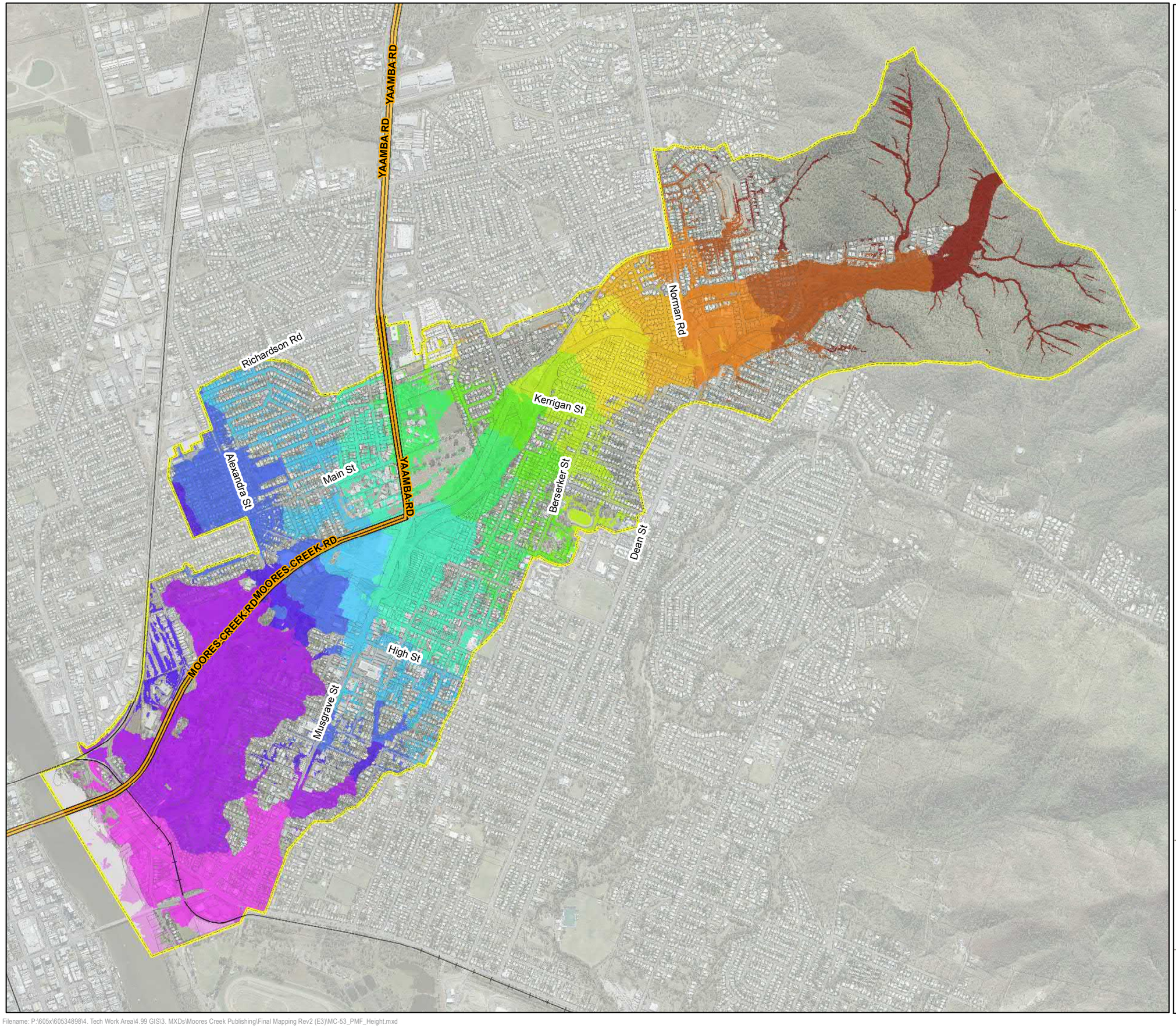
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Peak Flood Depths

PMF 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-52



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Flood Heights (m)

- < 4.00
- 4.01 - 7.00
- 7.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 19.00
- 19.01 - 22.00
- 22.01 - 25.00
- 25.01 - 28.00
- 28.01 - 31.00
- 31.01 - 34.00
- 34.01 - 37.00
- 37.01 - 40.00
- 40.01 - 50.00
- > 50.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

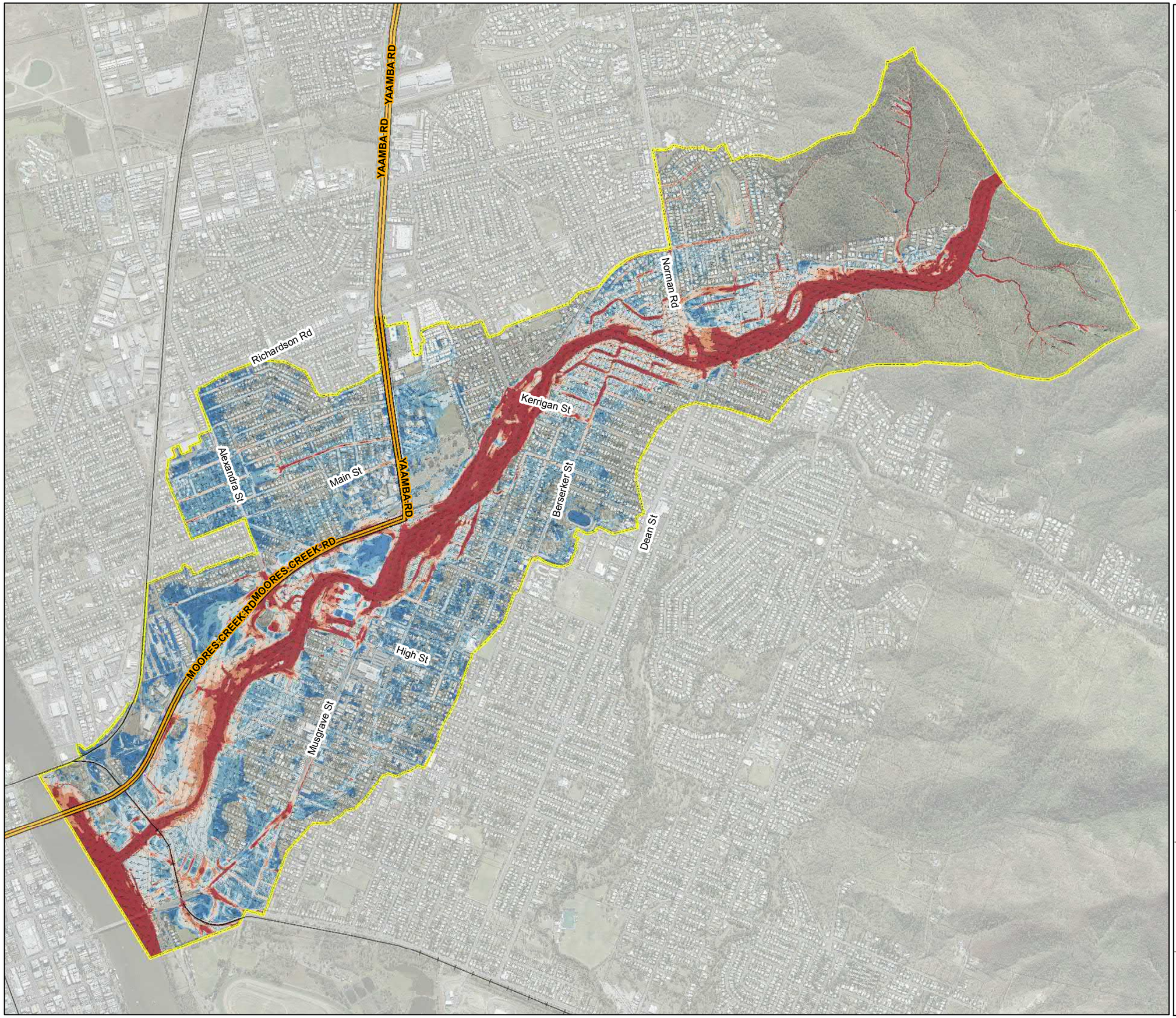
Moores Creek Model
Peak Flood Heights

PMF 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-53

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-53_PMF_Height.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Flow Direction
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

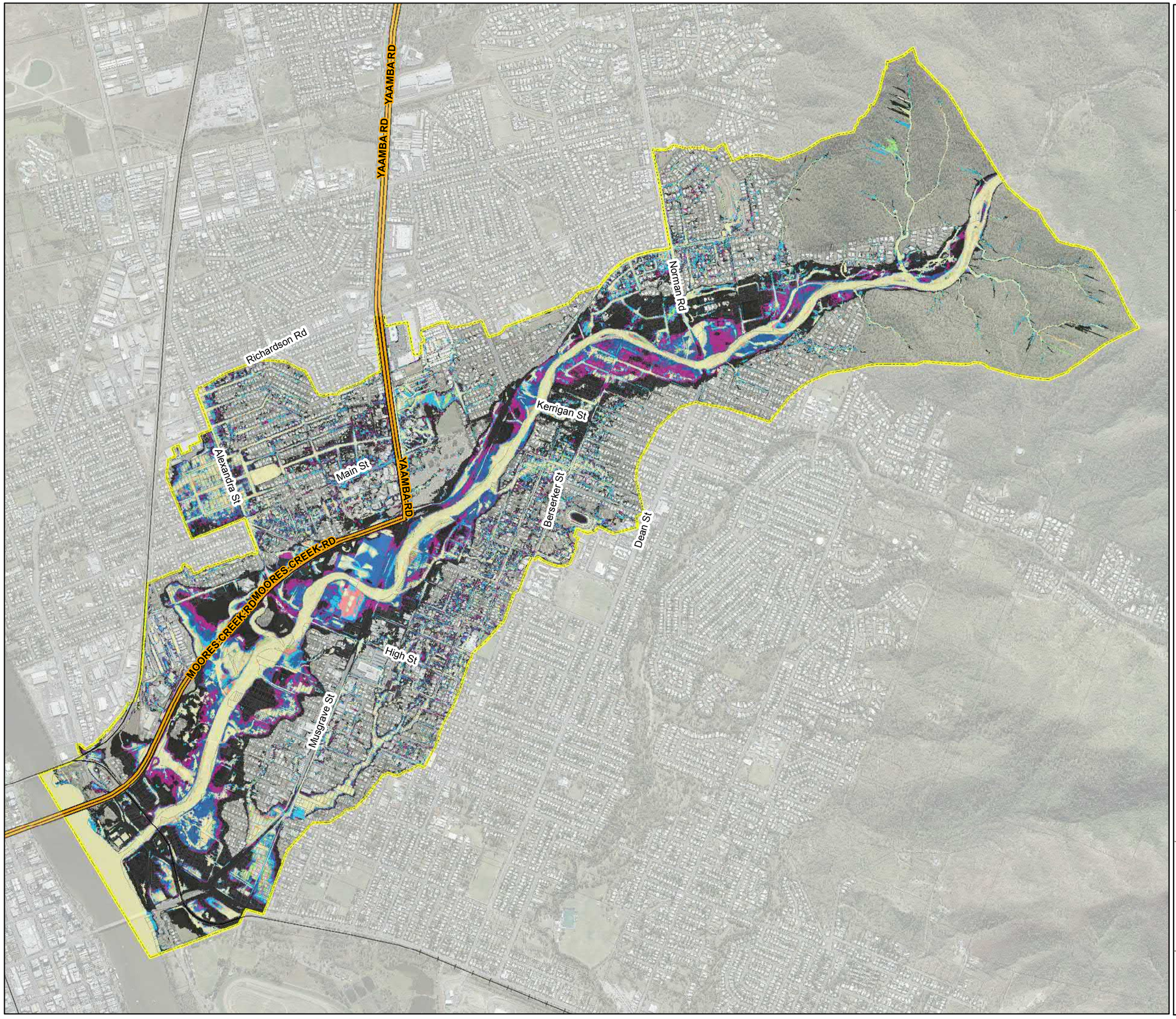
Moores Creek Model
Peak Depth Averaged Velocities

PMF 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	3/08/2017
VERSION:	1

Map MC-54

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-54_PMF_Velocity.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Depth Band

- 1 EY
- 39% AEP
- 18% AEP
- 10% AEP
- 5% AEP
- 2% AEP
- 1% AEP
- 0.2% AEP
- 0.05% AEP
- PMF

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

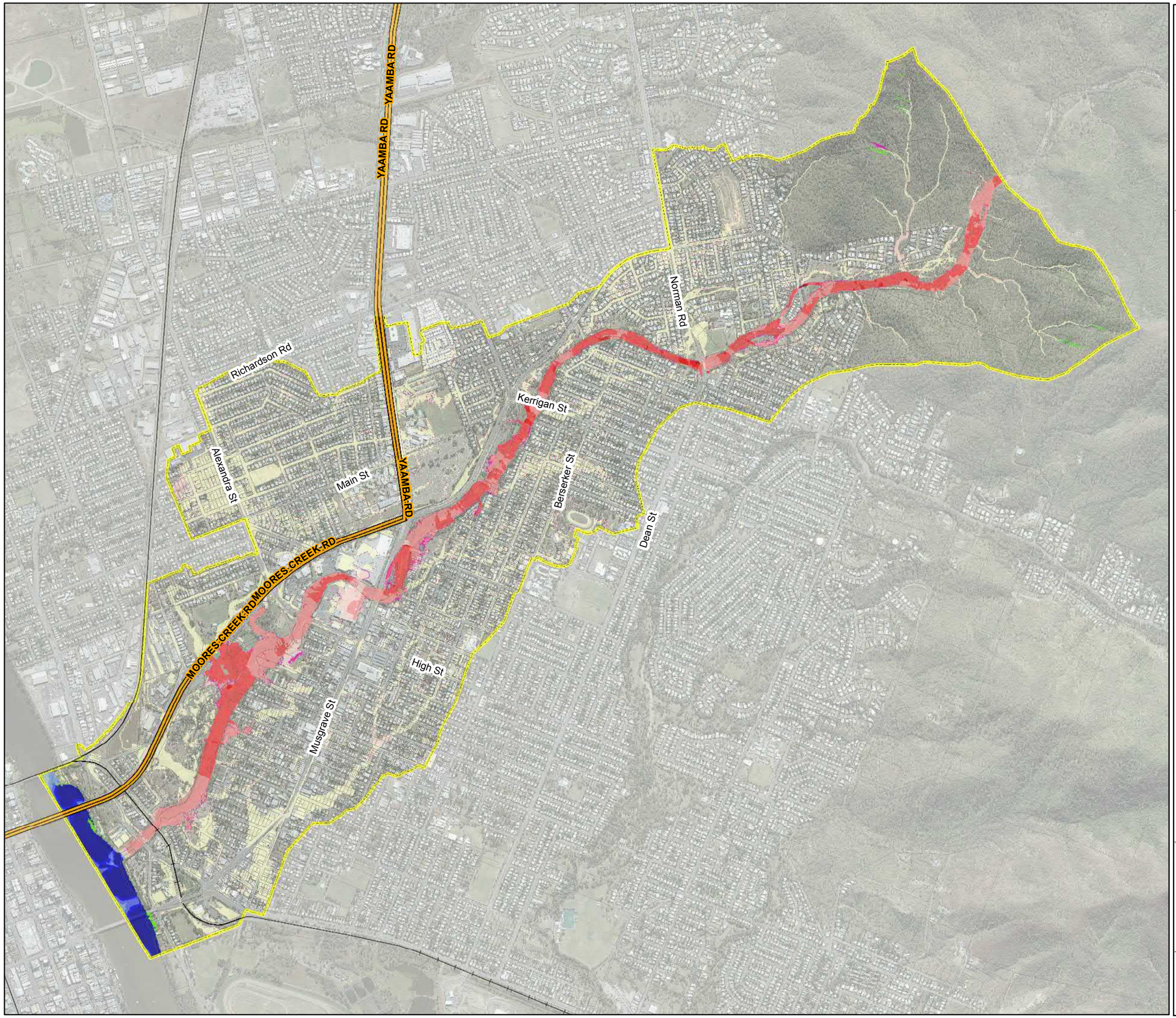
FLOODPLAIN MANAGEMENT SERVICES
Moores Creek Model
Peak Flood Extent

180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-55

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-55_Flood_Extent.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

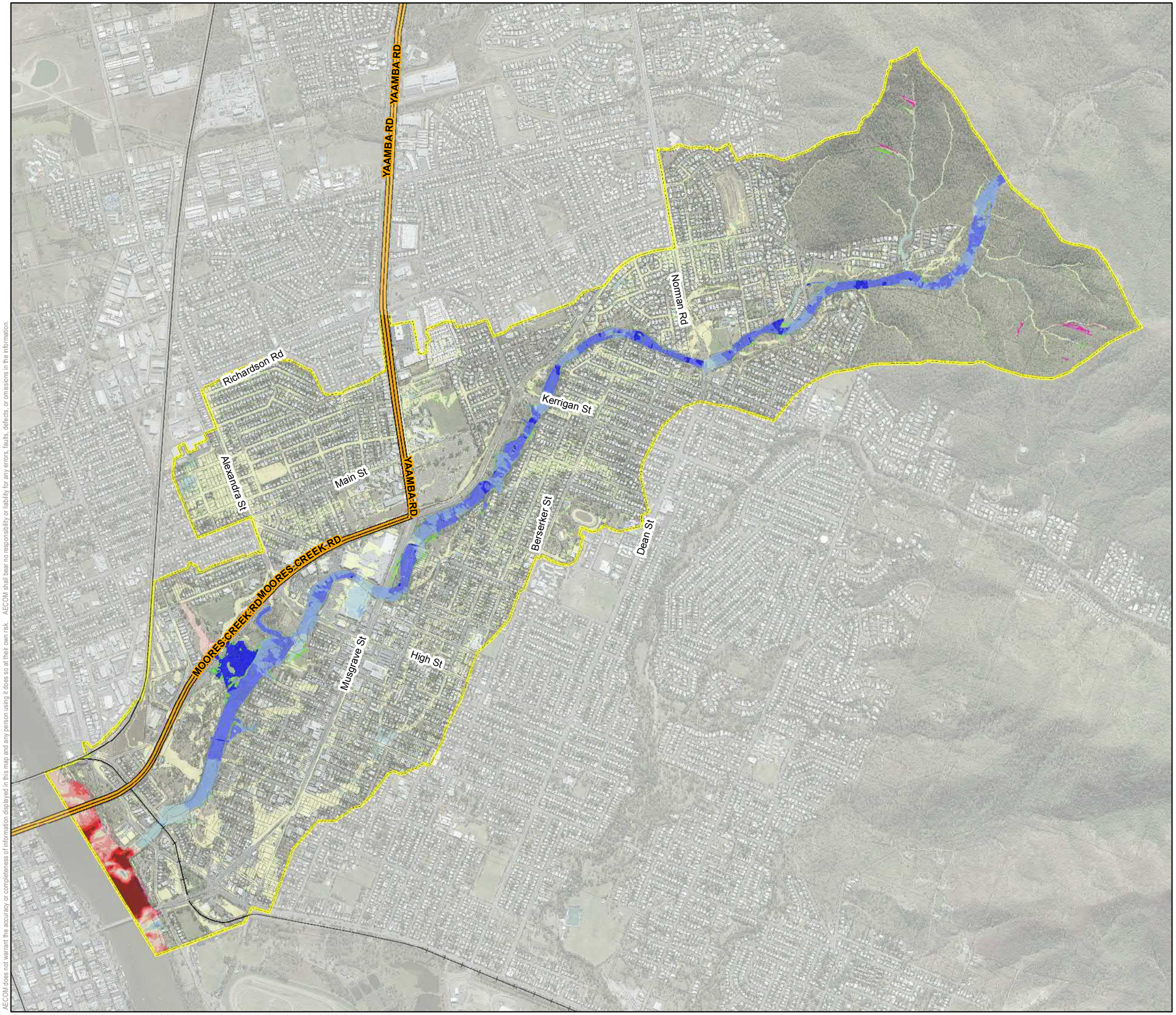
Moores Creek Model
Difference in Peak Flood Heights
15% Increased Roughness minus Baseline

1% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-56

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-56_Sensitivity1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

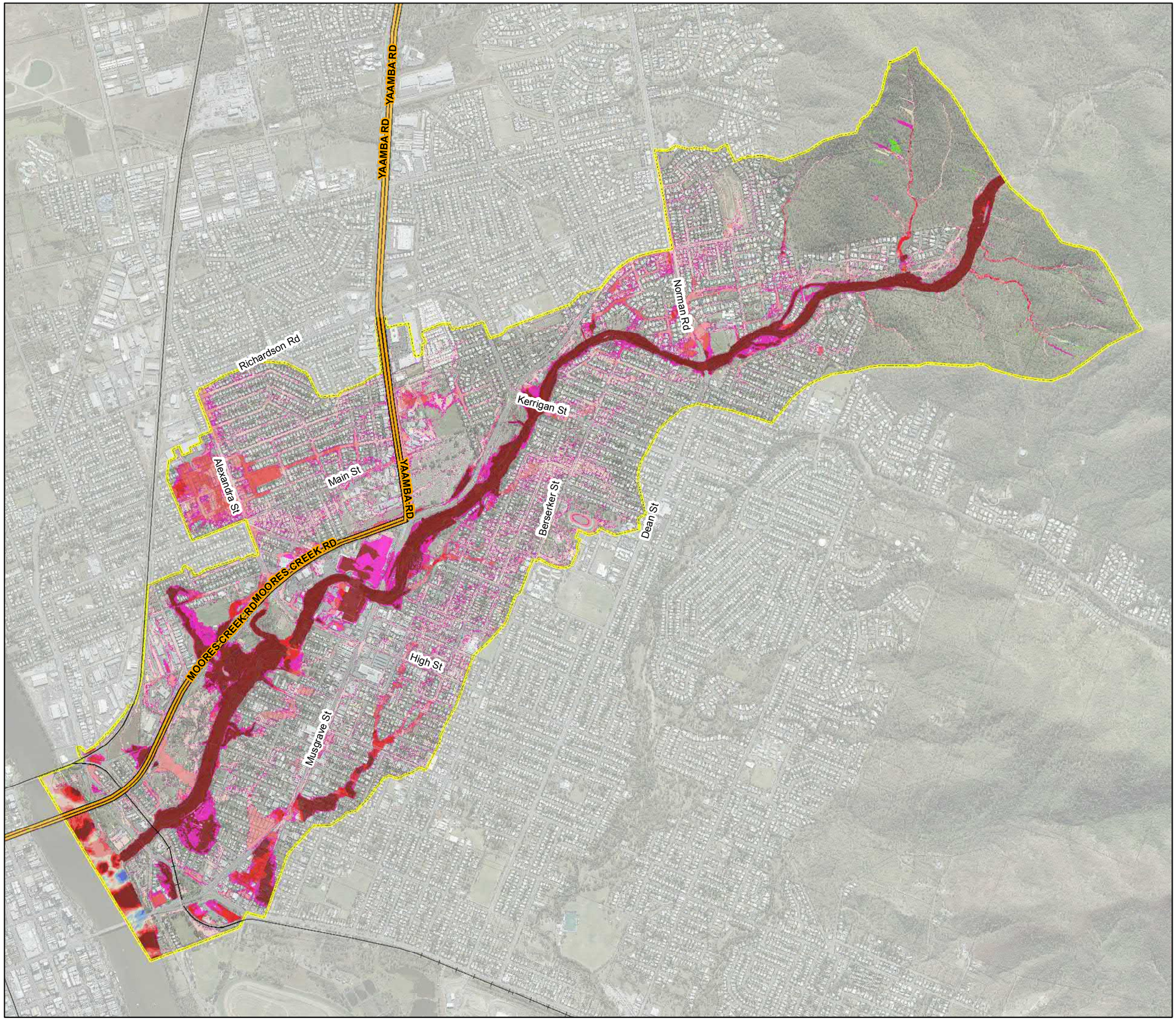
Moores Creek Model
Difference in Peak Flood Heights
15% Decreased Roughness minus Baseline

1% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-57

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-57_Sensitivity2.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Mask
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

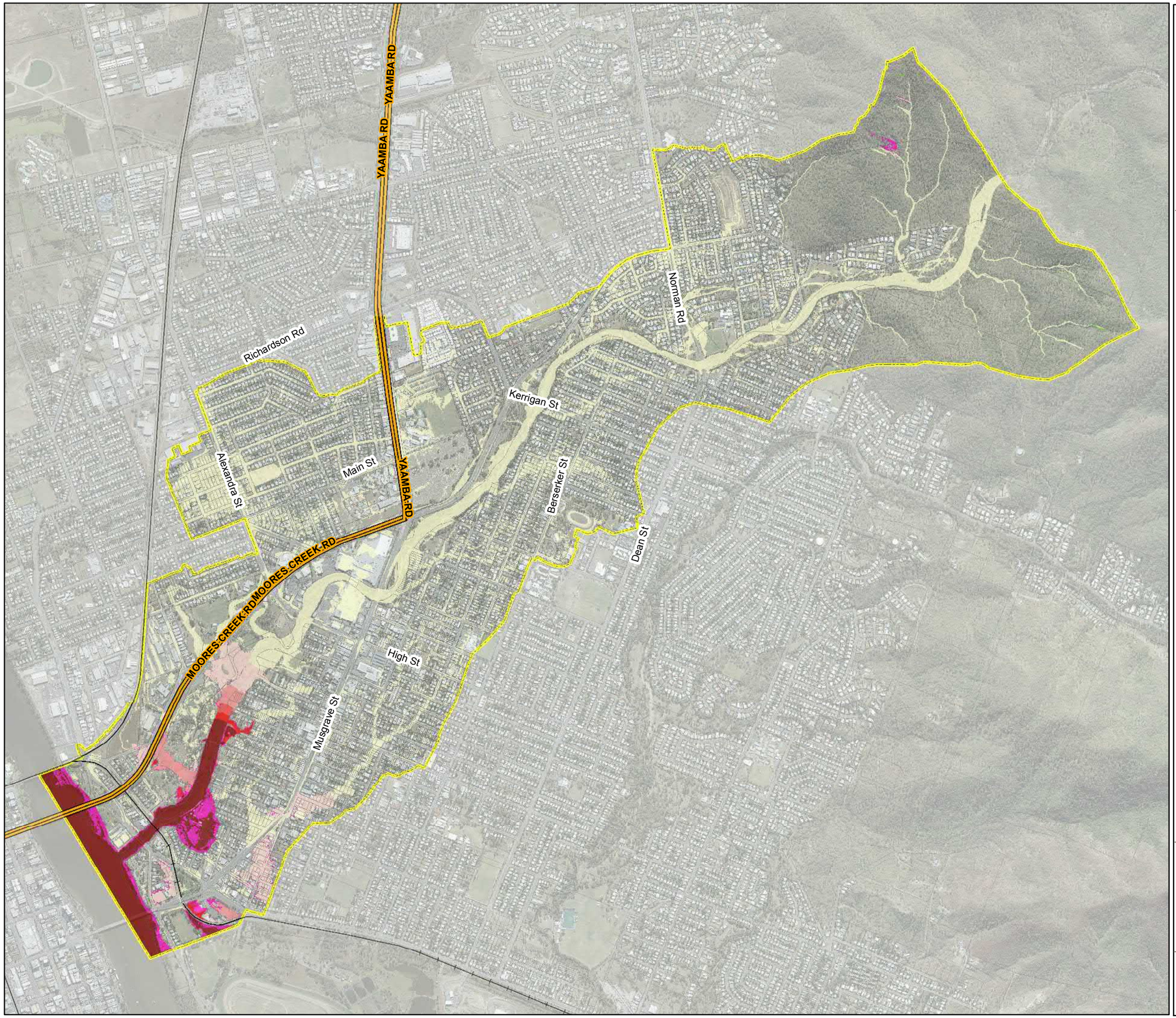
Moores Creek Model
Difference in Peak Flood Heights
Climate Change to 2100 minus Baseline

1% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-58

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-58_Sensitivity3.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
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LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

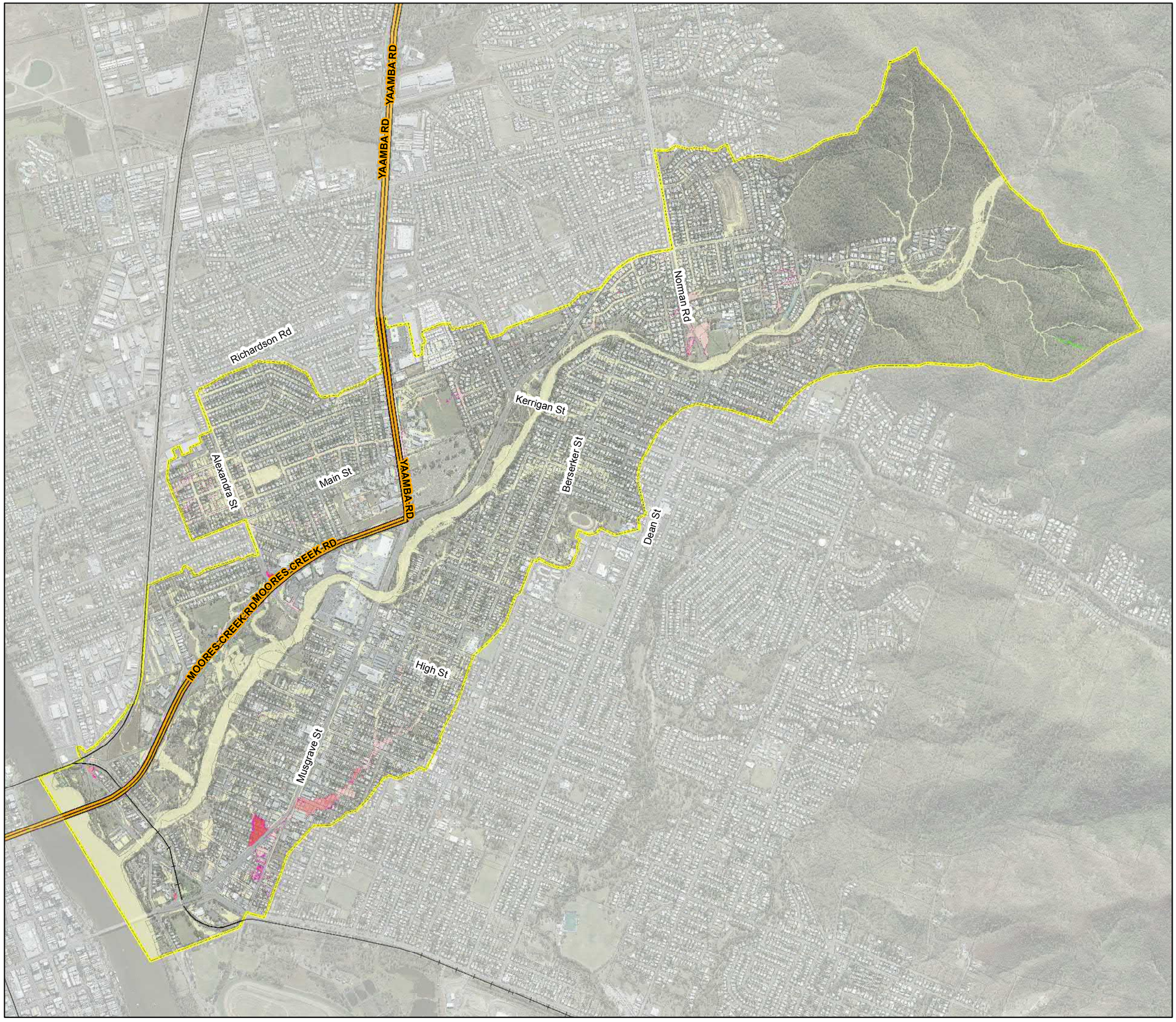
Moores Creek Model
Difference in Peak Flood Heights
18% AEP Fitzroy River Tailwater minus Baseline

1% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	7/08/2017
VERSION:	1

Map MC-59

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-59_Sensitivity7.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Mask
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m^2 Min. Area

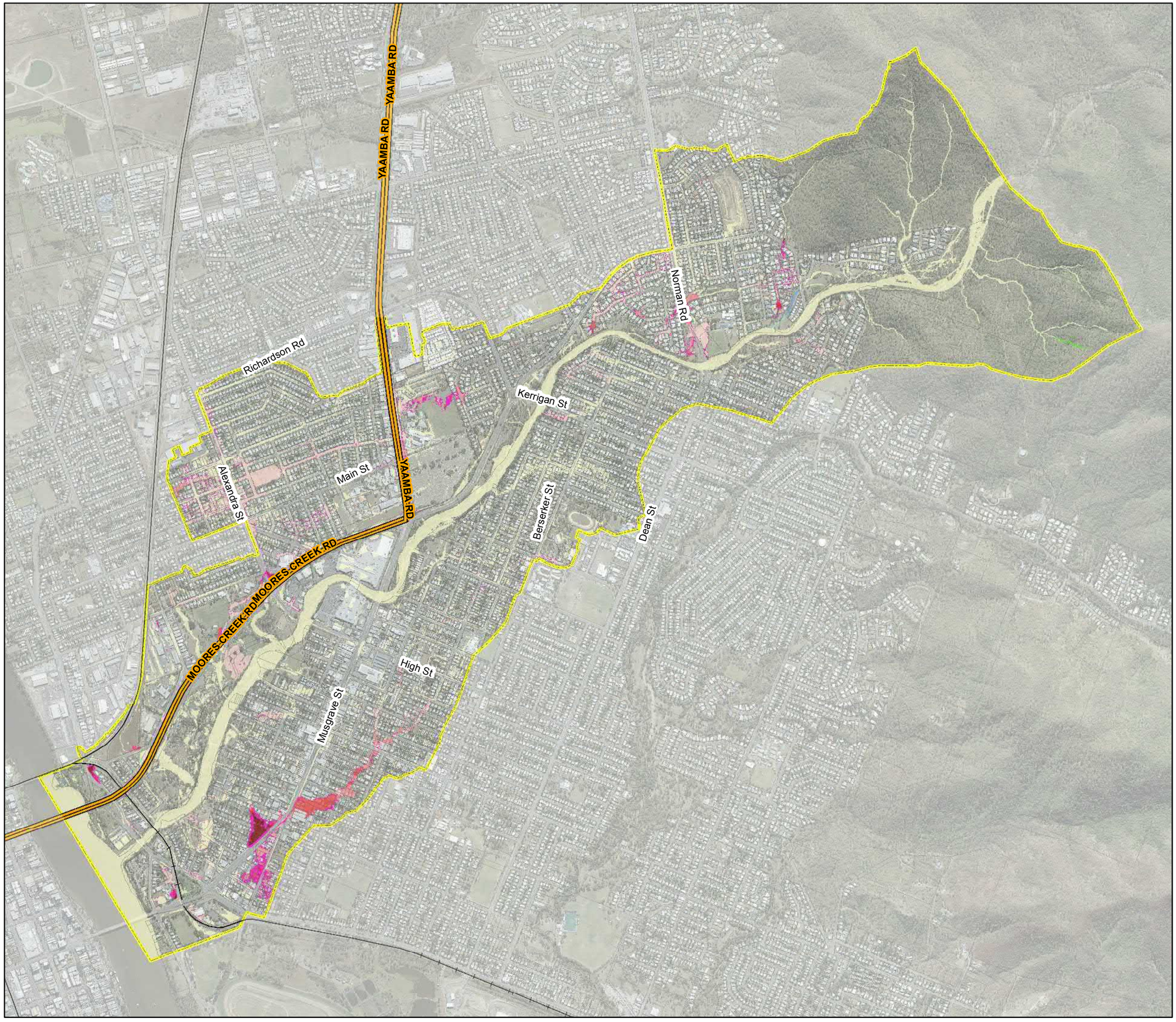
Moores Creek Model
Difference in Peak Flood Heights
20% Stormwater Infrastructure Blockage minus Baseline

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-60

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-60_Sensitivity4.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Mask
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

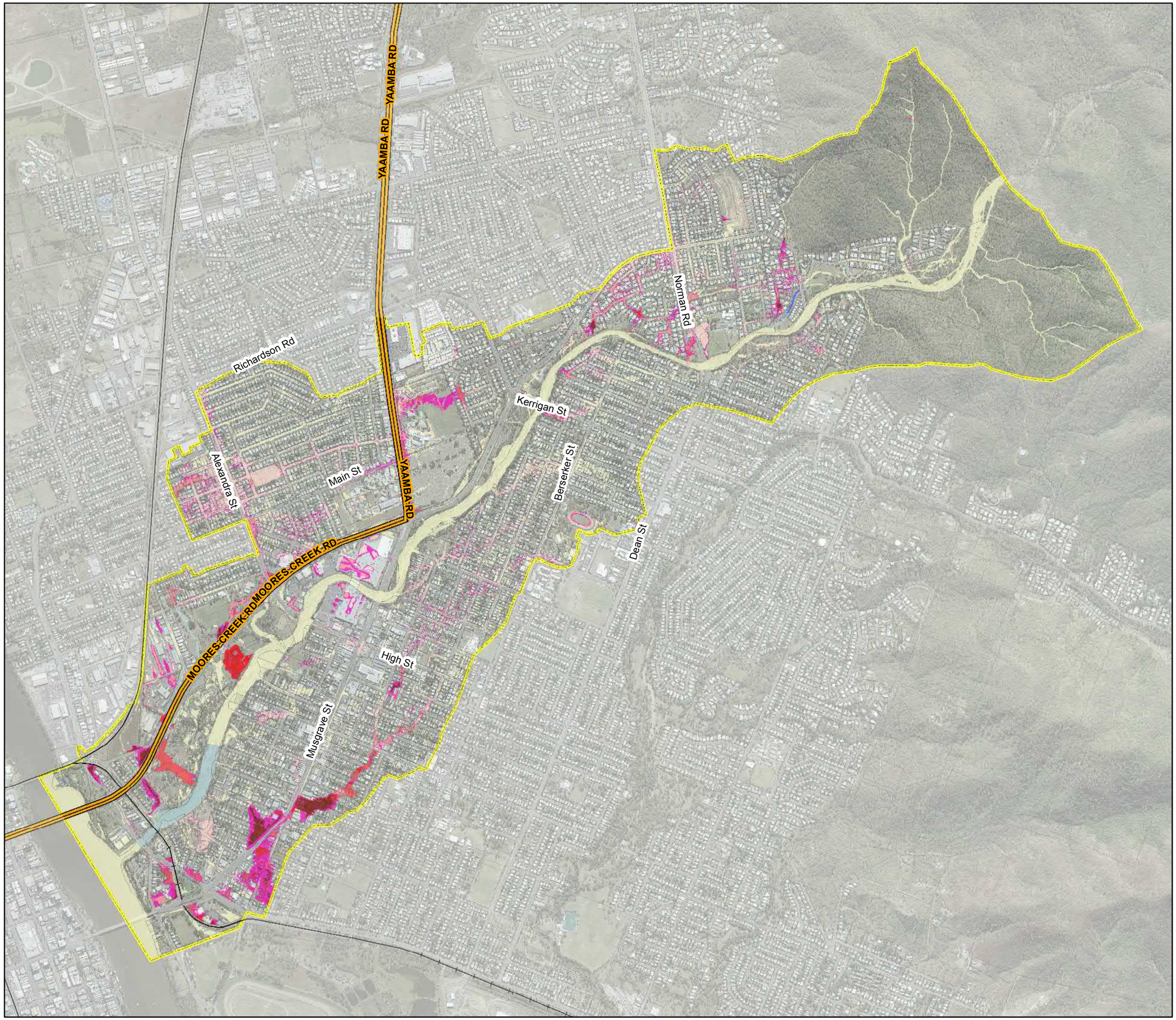
Moores Creek Model
Difference in Peak Flood Heights
50% Stormwater Infrastructure Blockage minus Baseline

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-61

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-61_Sensitivity5.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

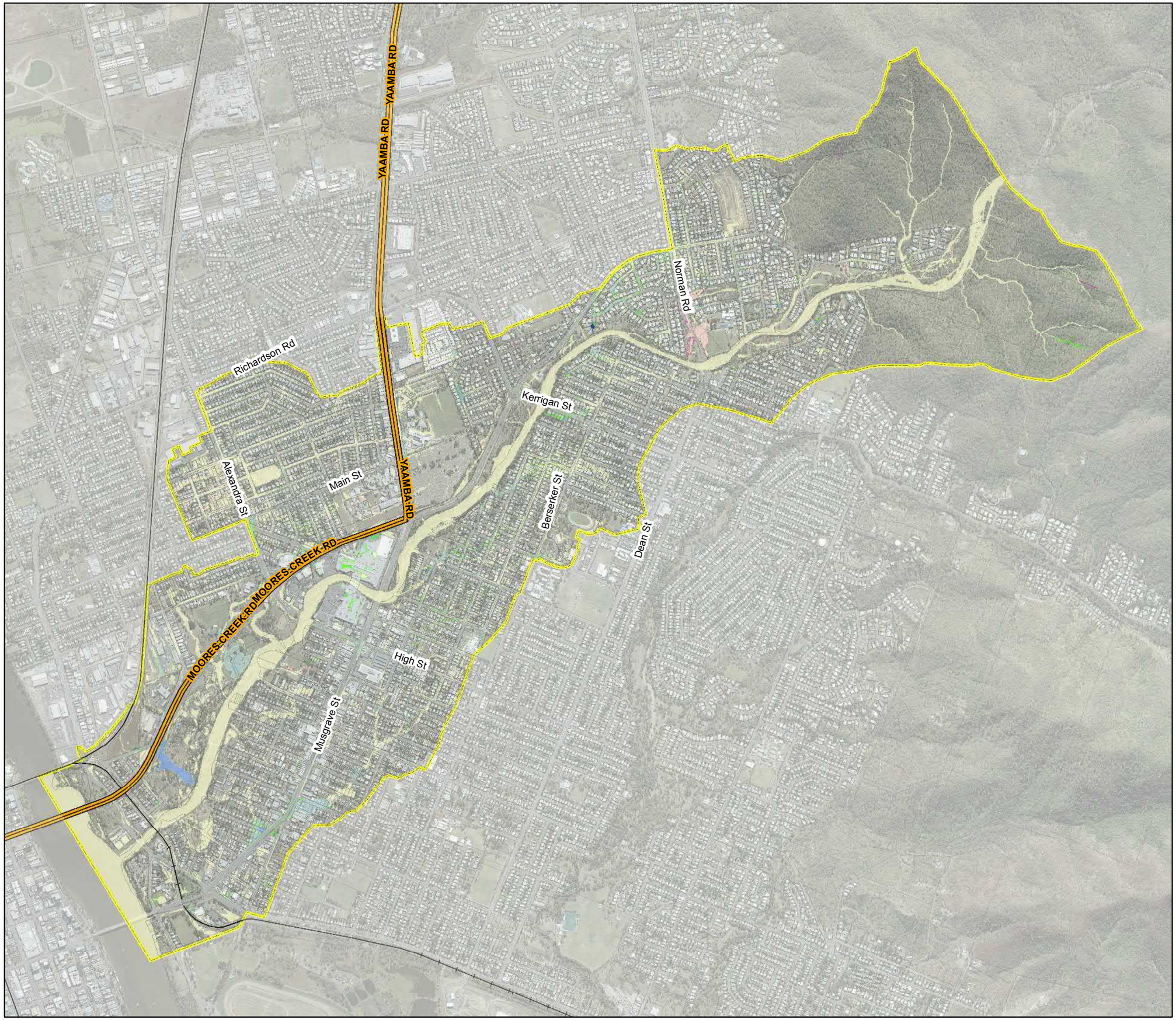
Moores Creek Model
Difference in Peak Flood Heights
100% Stormwater Infrastructure Blockage minus Baseline

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-62

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-62_Sensitivity6.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

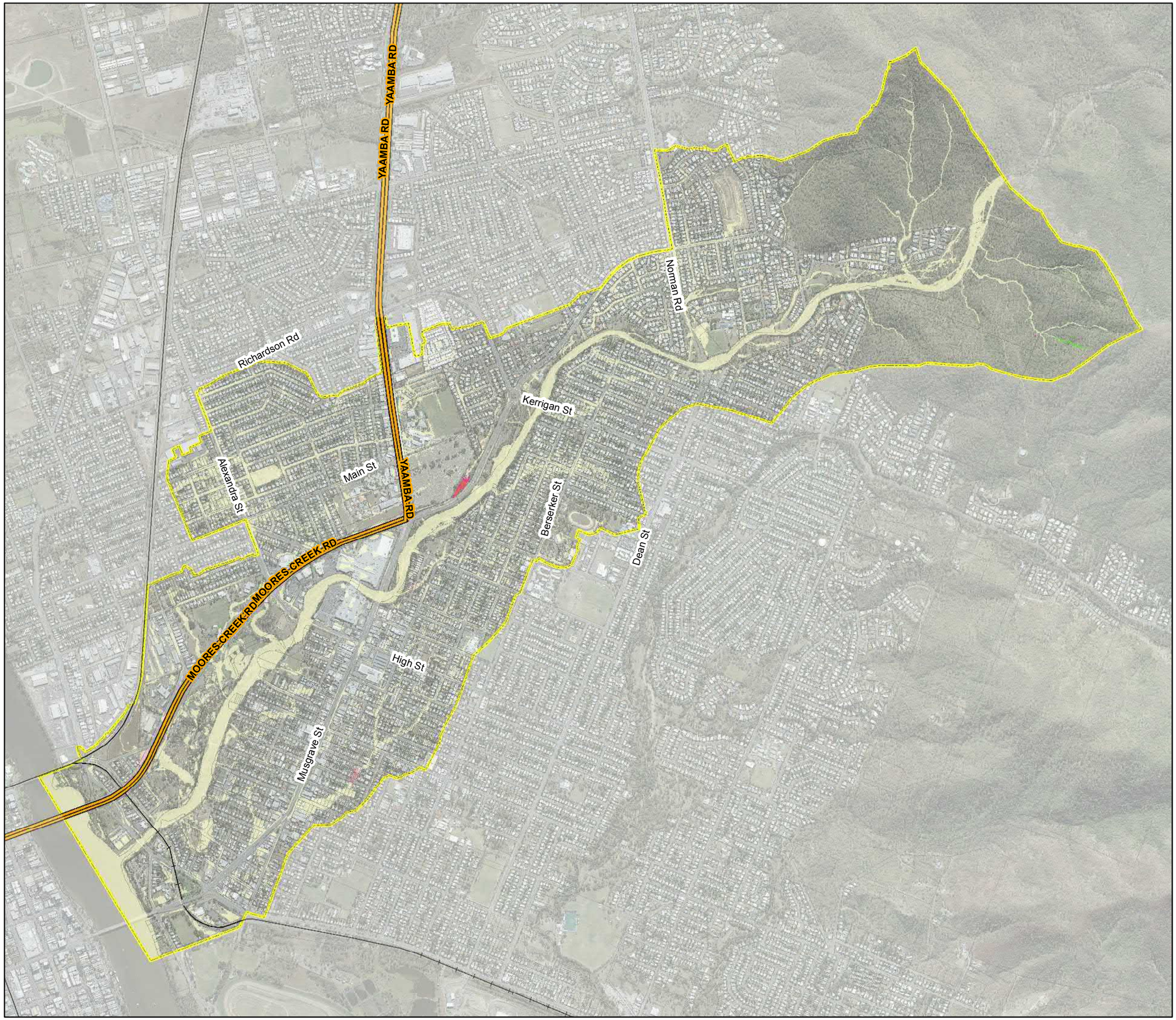
Moores Creek Model
Difference in Peak Flood Heights
Increased Inlet Structure Dimensions minus Baseline

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-63

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-63_Sensitivity8.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

Difference in Height (m)

- < -0.3
- -0.3 to -0.225
- -0.225 to -0.15
- -0.15 to -0.075
- -0.075 to -0.02
- -0.02 to 0.02
- 0.02 to 0.075
- 0.075 to 0.15
- 0.15 to 0.225
- 0.225 to 0.3
- > 0.3
- Was Dry Now Wet
- Was Wet Now Dry

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

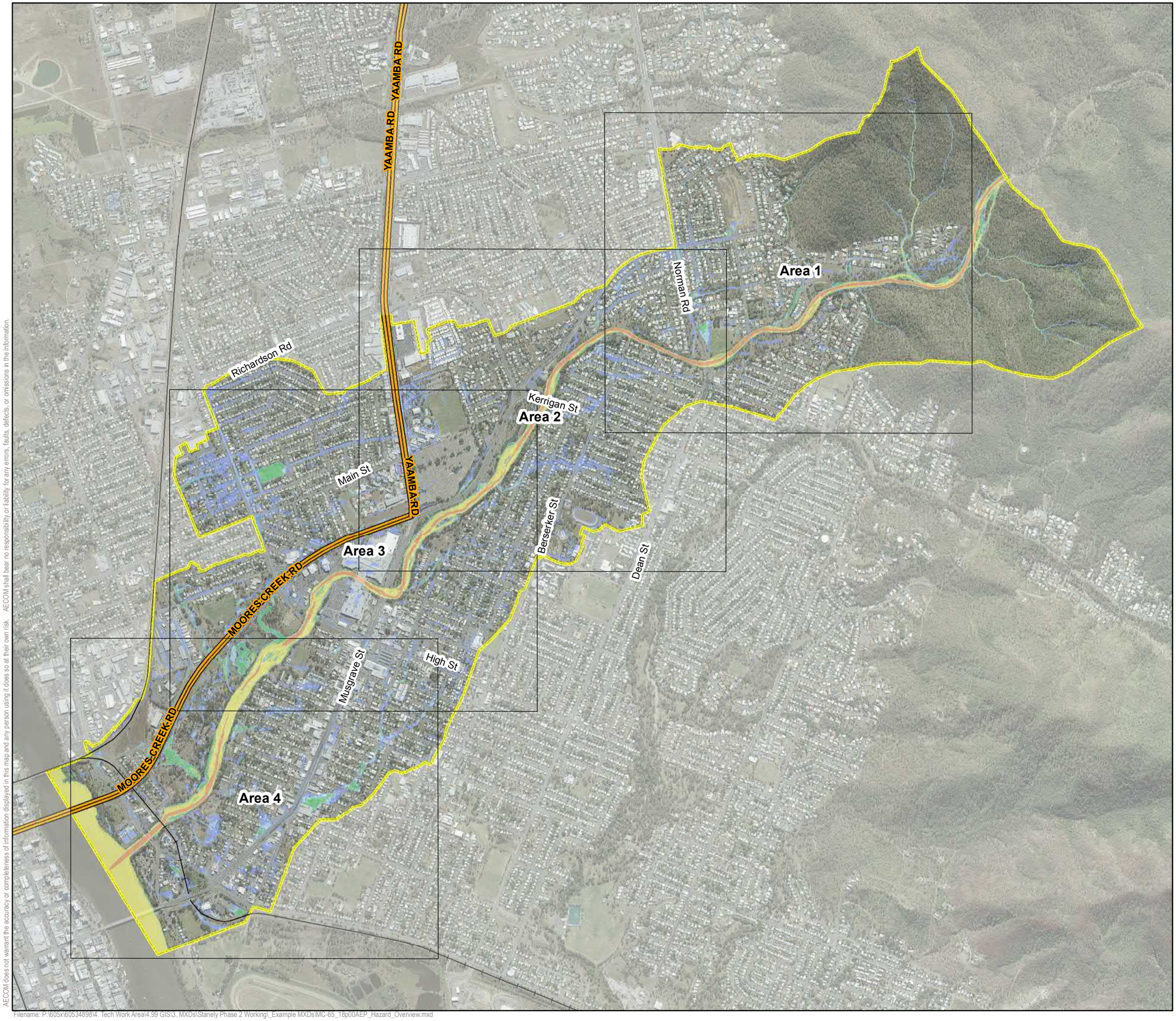
Moores Creek Model
Difference in Peak Flood Heights
Key Cross Drainage Culvert Blockage minus Baseline

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	4/08/2017
VERSION:	1

Map MC-64

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Moores Creek Publishing\Final Mapping Rev2 (E3)\MC-64_Sensitivity9.mxd



Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-65_18p00AEP_Hazard_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

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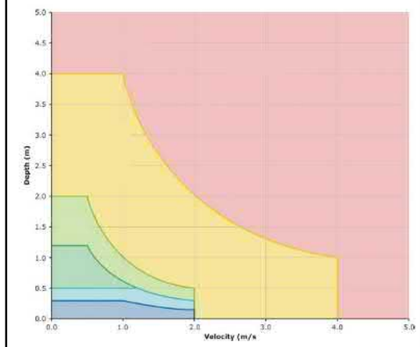
LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m² Min. Area

Moores Creek Model
Baseline Flood Hazard - Catchment Overview

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	23/08/2017
VERSION:	1

Map MC-65

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

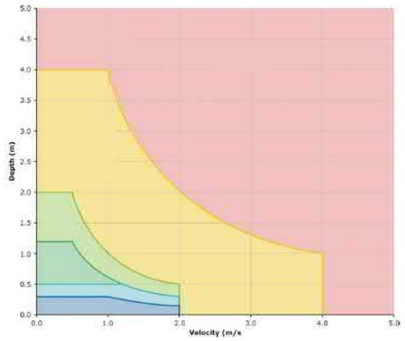
1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

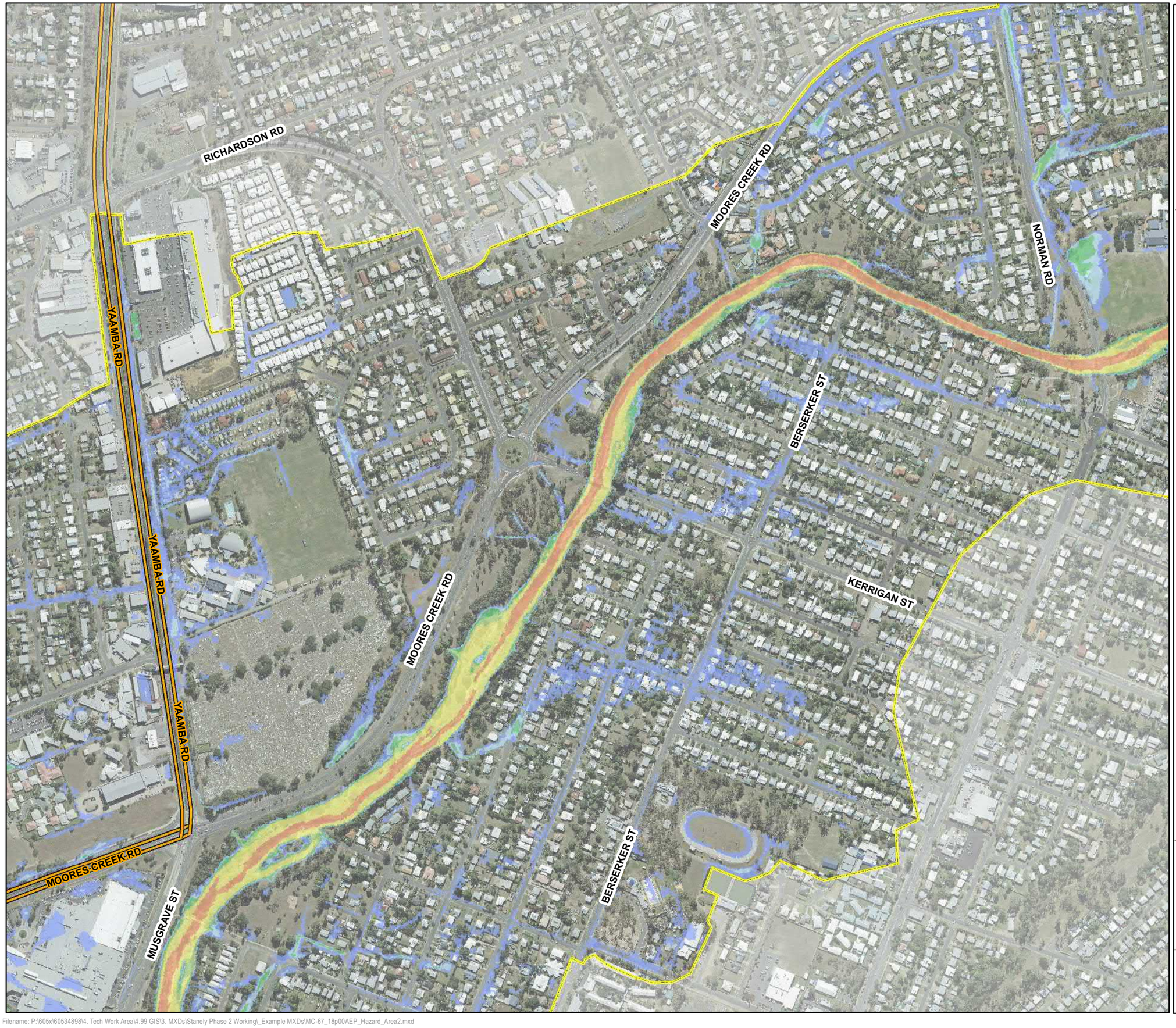
Moores Creek Model
Baseline Flood Hazard - Area 1

18% AEP 180min Storm Event

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/08/2017
VERSION:	1

Map MC-66

Filename: P:\605x\605348981\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-66_18p00AEP_Hazard_Area1.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

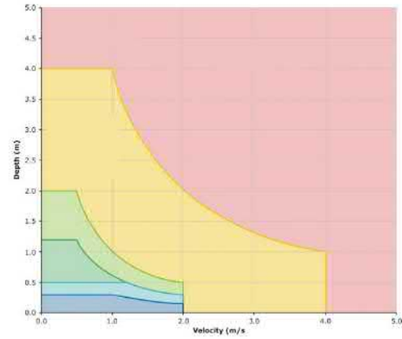
1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

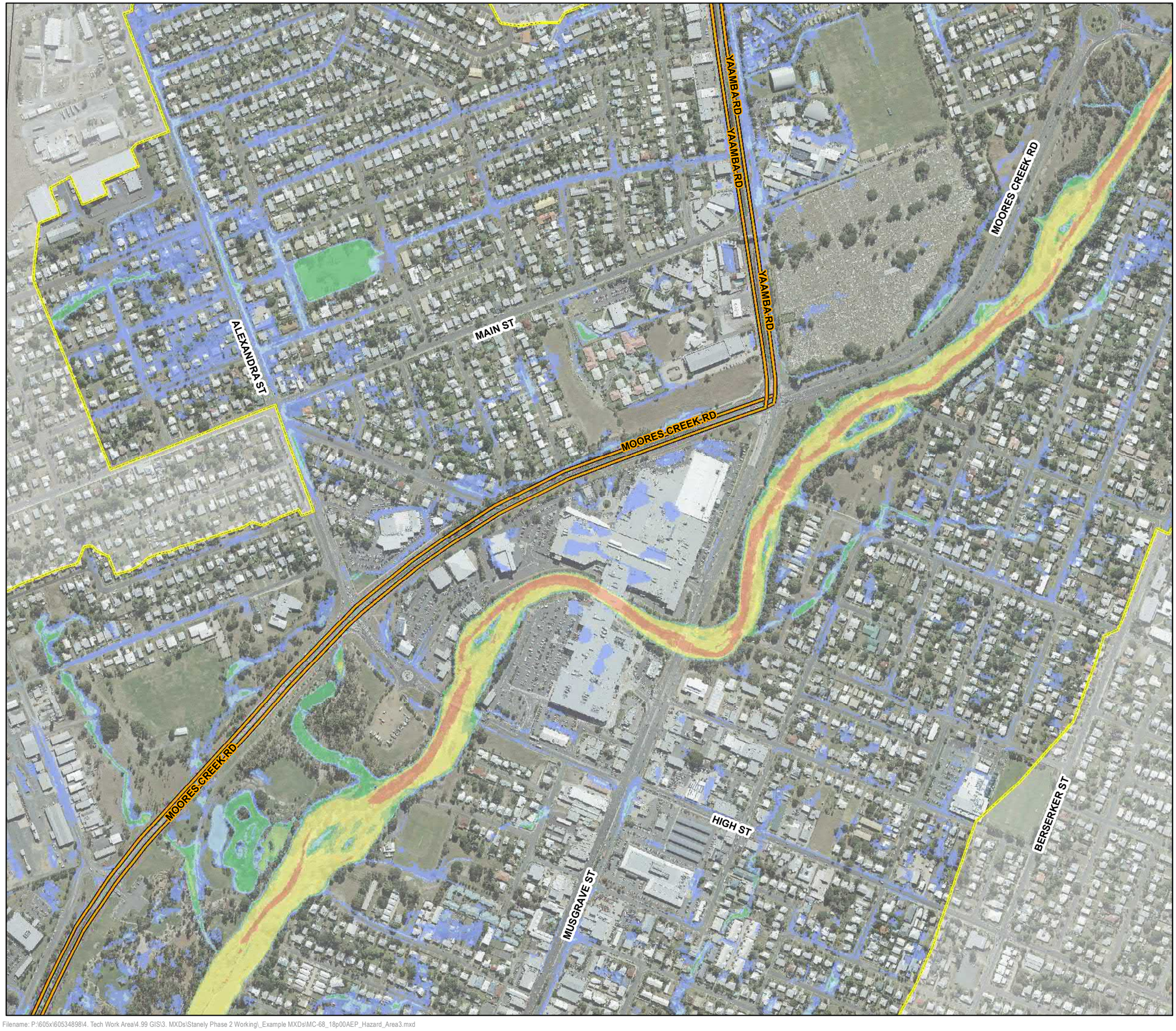
Moores Creek Model
Baseline Flood Hazard - Area 2

18% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-67

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-67_18p00AEP_Hazard_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

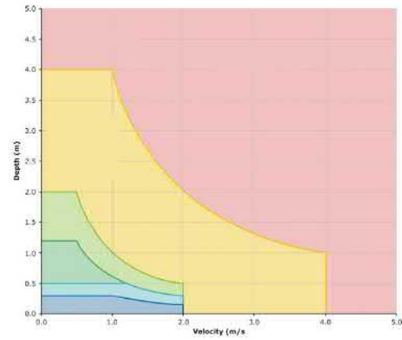
1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

Moores Creek Model
Baseline Flood Hazard - Area 3

18% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-68

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

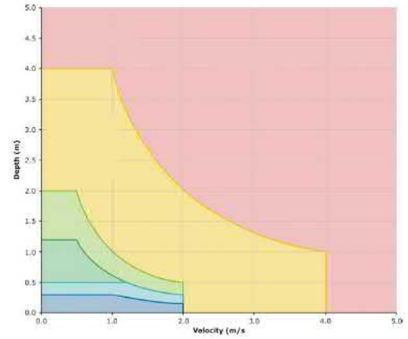
1:6,570
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

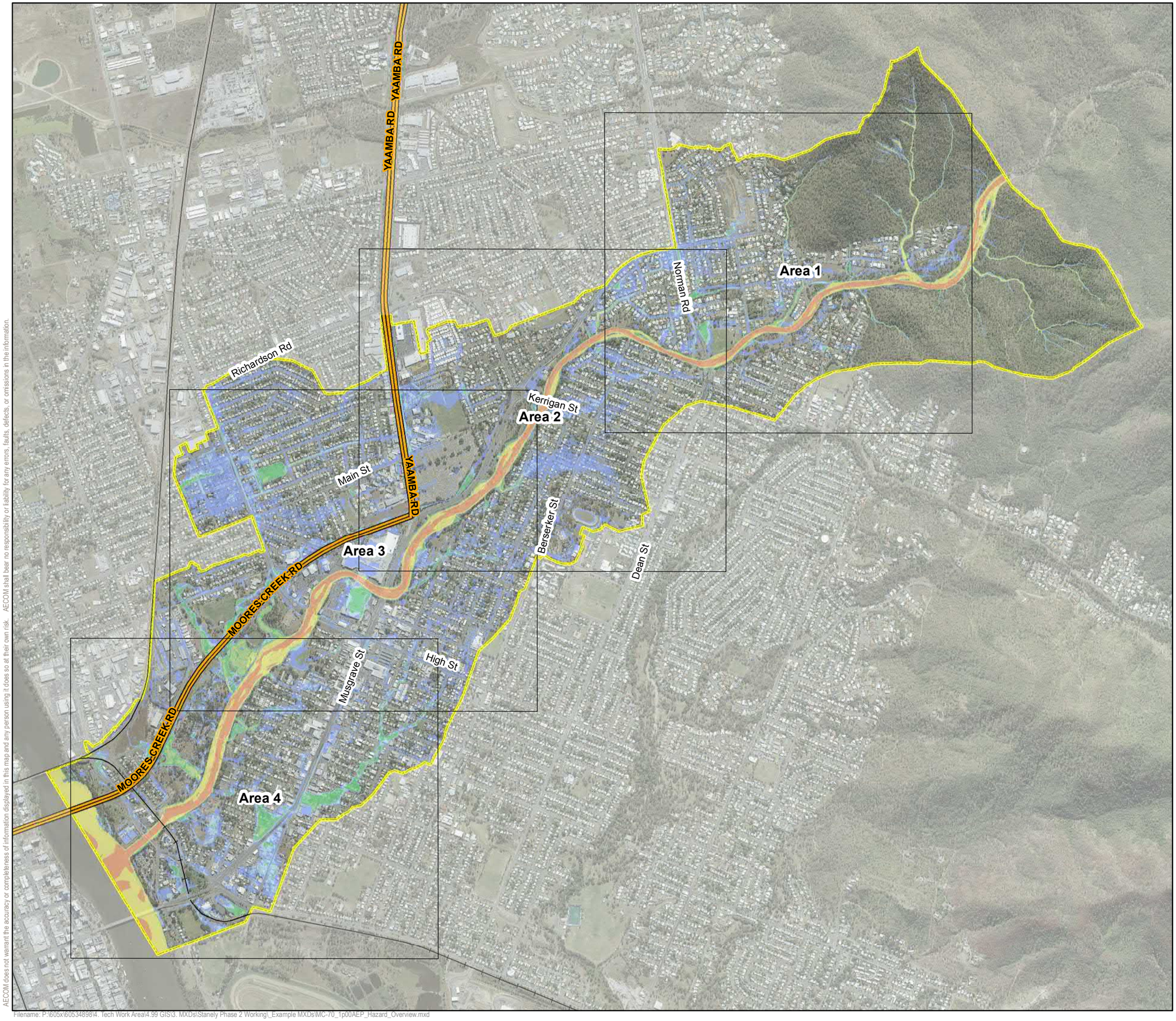
Moores Creek Model
Baseline Flood Hazard - Area 4

18% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-69

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-69_18p00AEP_Hazard_Area4.mxd



Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-70_1p00AEP_Hazard_Overview.mxd

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

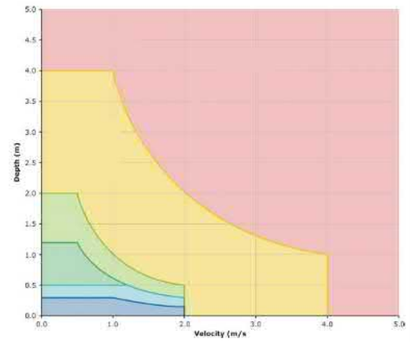
1:20,000
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class	Description
H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
H4	Unsafe for all people and all vehicles.
H3	Unsafe for all vehicles, children and the elderly.
H2	Unsafe for small vehicles.
H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Baseline Flood Hazard - Catchment Overview

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	7/08/2017
VERSION:	1

Map MC-70

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

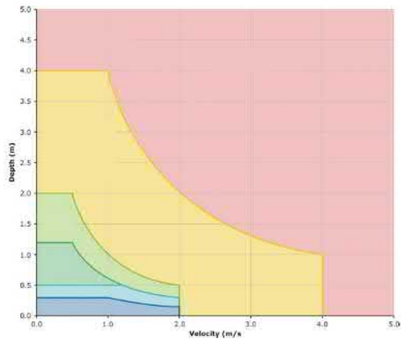
1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

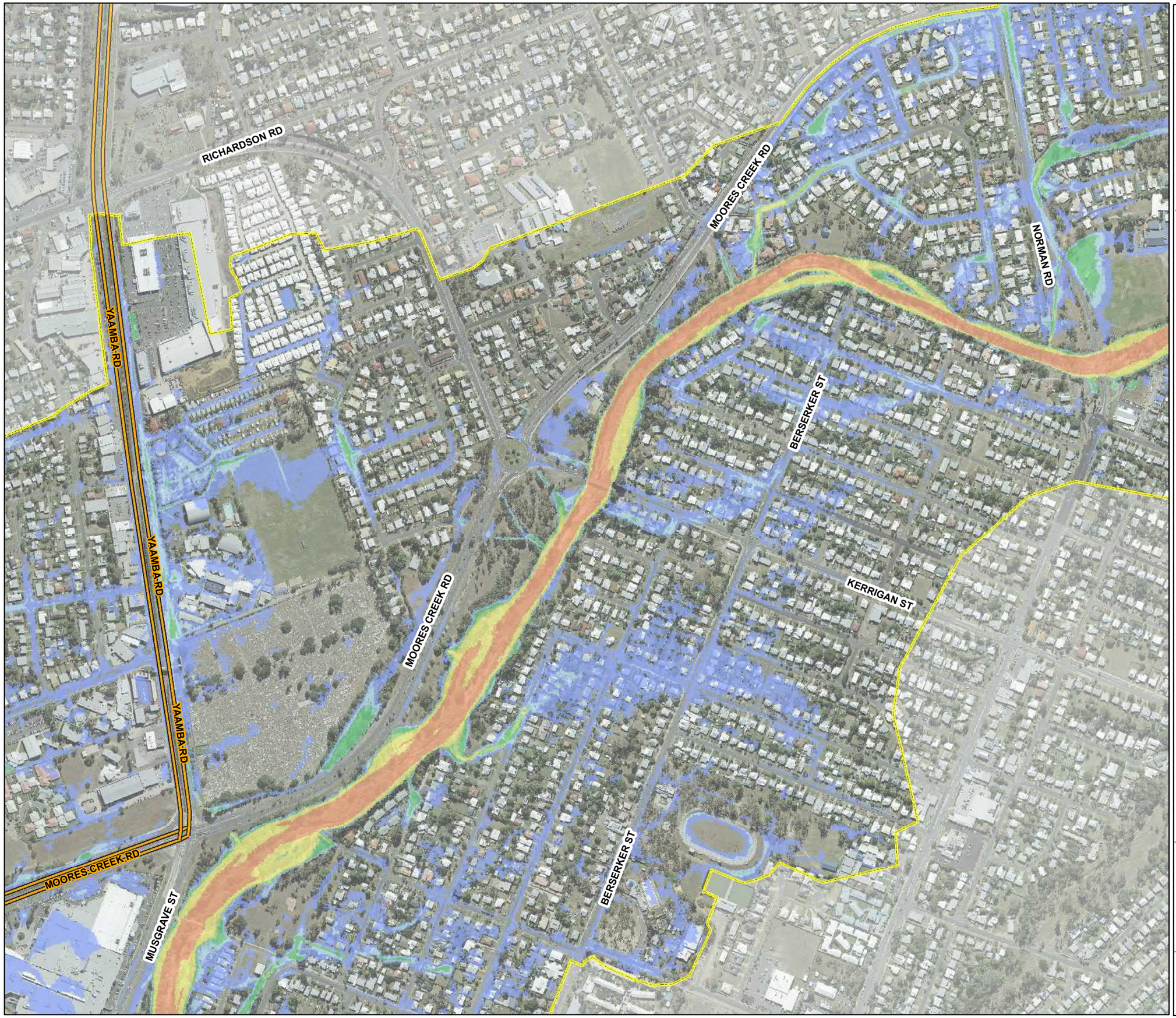
Moores Creek Model
Baseline Flood Hazard - Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	7/08/2017
VERSION:	1

Map MC-71

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-71_1p00AEP_Hazard_Area1.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

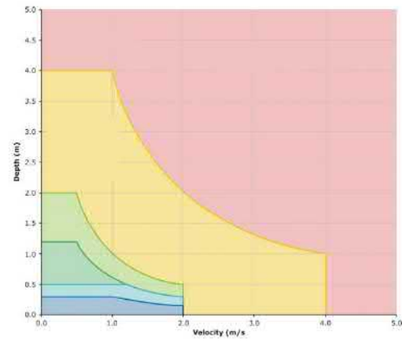
1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

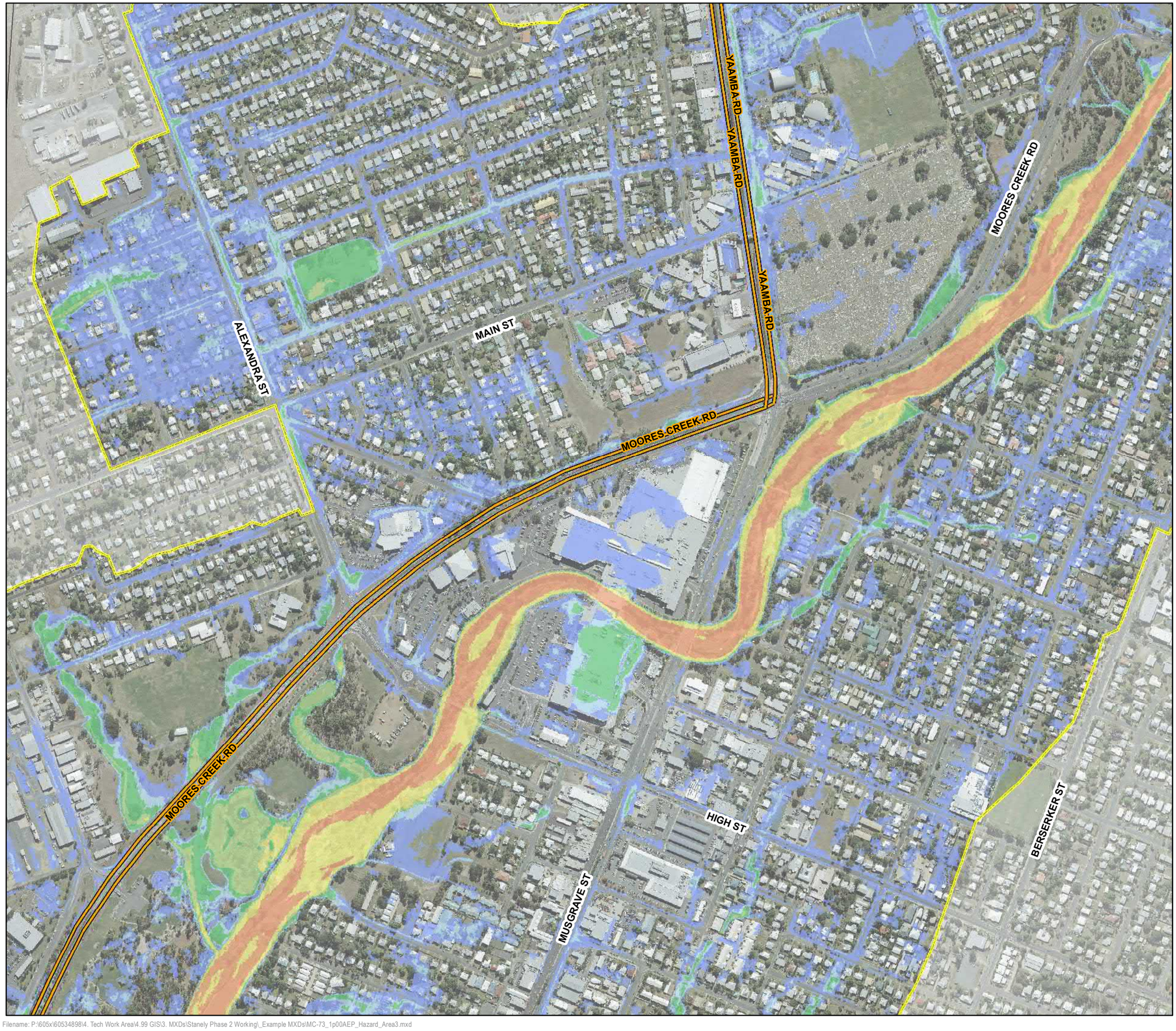
Moores Creek Model
Baseline Flood Hazard - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-72

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-72_1p00AEP_Hazard_Area2.mxd



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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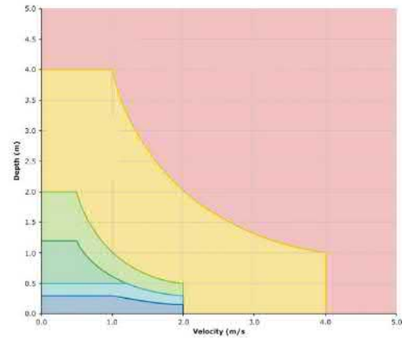
LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Baseline Flood Hazard - Area 3

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-73

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-73_1p00AEP_Hazard_Area3.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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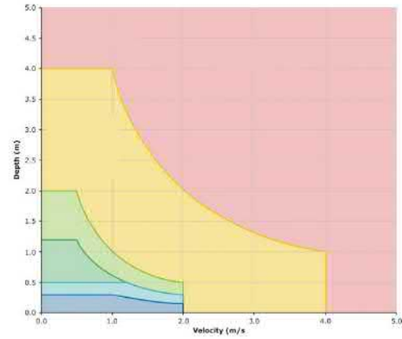
LEGEND

- Highways
- Railway Lines
- Hydraulic Model Extent

Flood Hazard



Hazard Class		Description
	H6	Unconditionally dangerous. Not suitable for any type of development or evacuation access. All building types considered vulnerable to failure.
	H5	Unsafe for all people and all vehicles. Buildings require special engineering design and construction.
	H4	Unsafe for all people and all vehicles.
	H3	Unsafe for all vehicles, children and the elderly.
	H2	Unsafe for small vehicles.
	H1	Relatively benign flow conditions. No vulnerability constraints.

Flood results are based on local catchment events

Data Sources:
DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:
75mm Min. Depth
100m² Min. Area

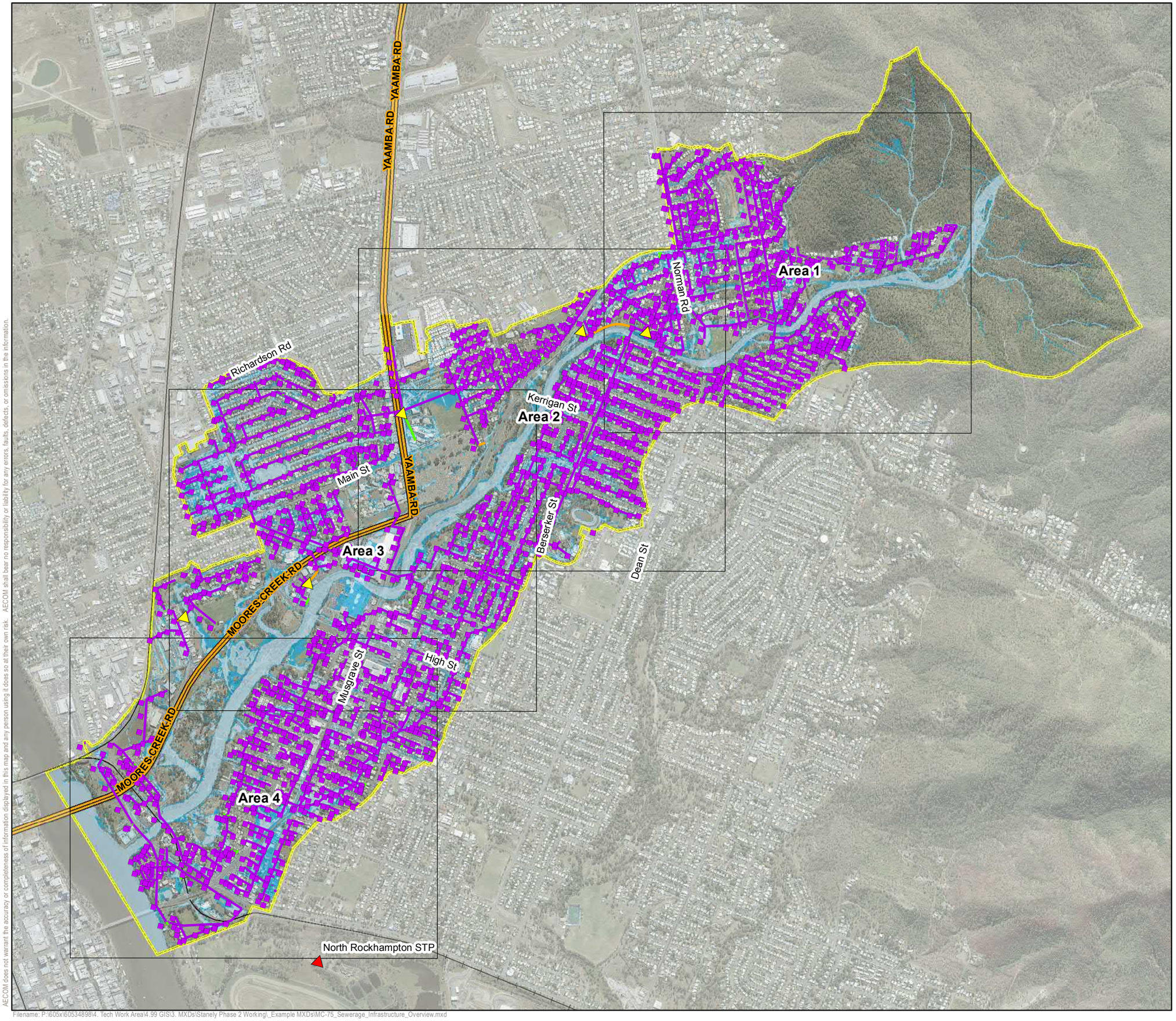
Moores Creek Model
Baseline Flood Hazard - Area 4

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-74

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-74_1p00AEP_Hazard_Area4.mxd



Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-75_Sewerage_Infrastructure_Overview.mxd

N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000
(when printed at A3)

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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

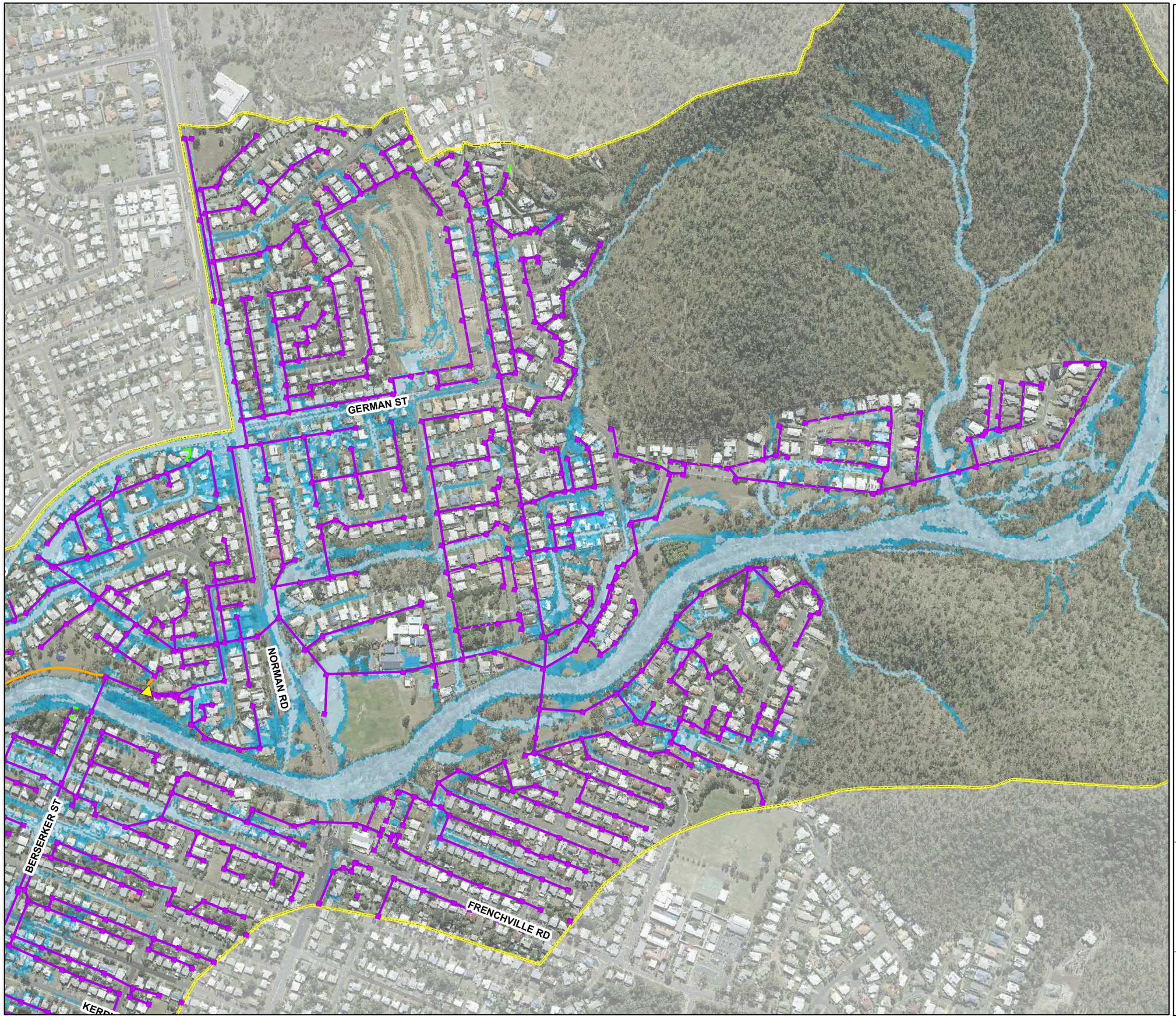
Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Sewerage Infrastructure - Catchment Overview

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-75



N

Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

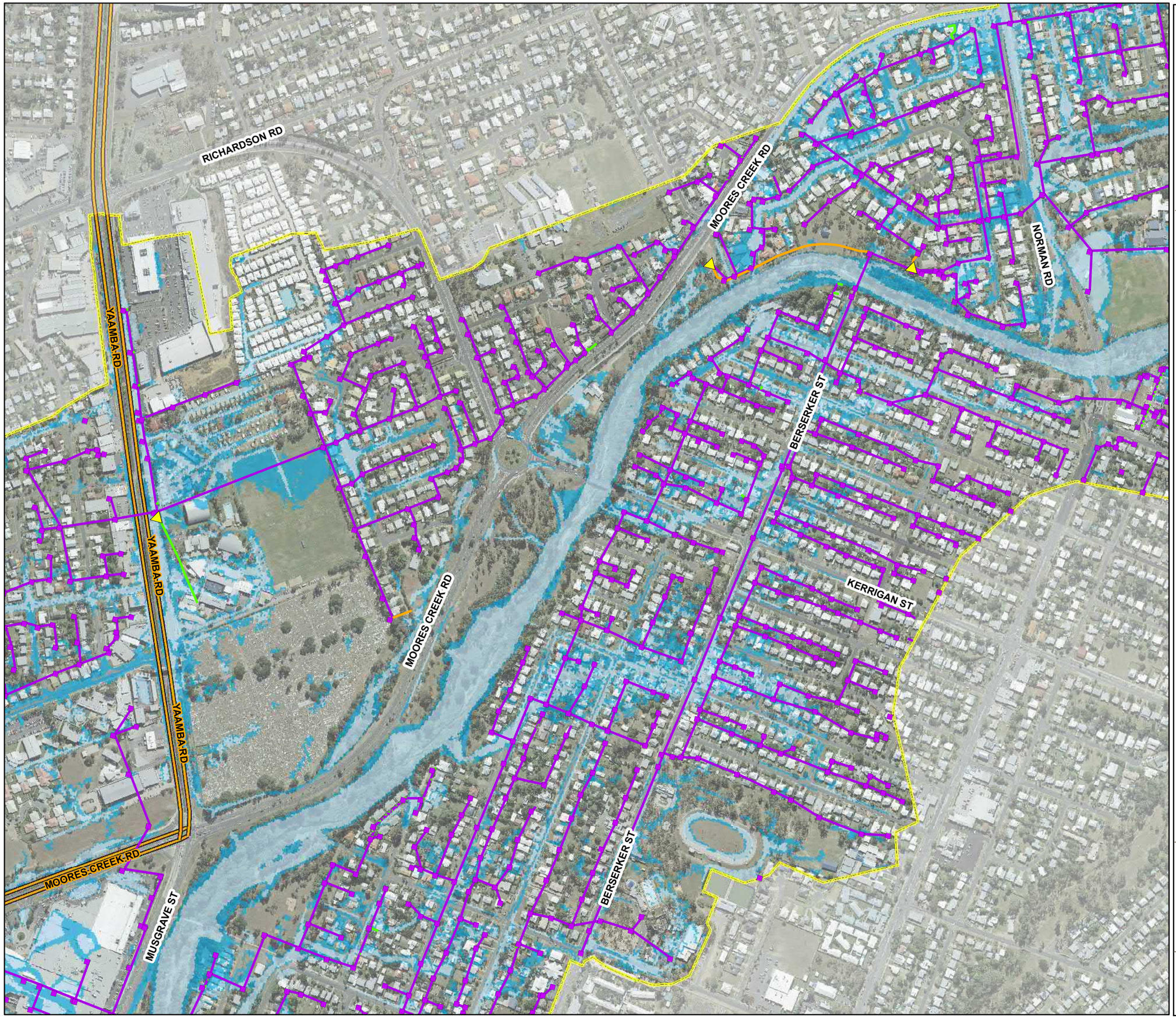
75mm Min. Depth
100m² Min. Area

Moores Creek Model
Sewerage Infrastructure - Area 1

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	25/08/2017
VERSION:	1

Map MC-76

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-76_Sewerage_Infrastructure_Area1.mxd



Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

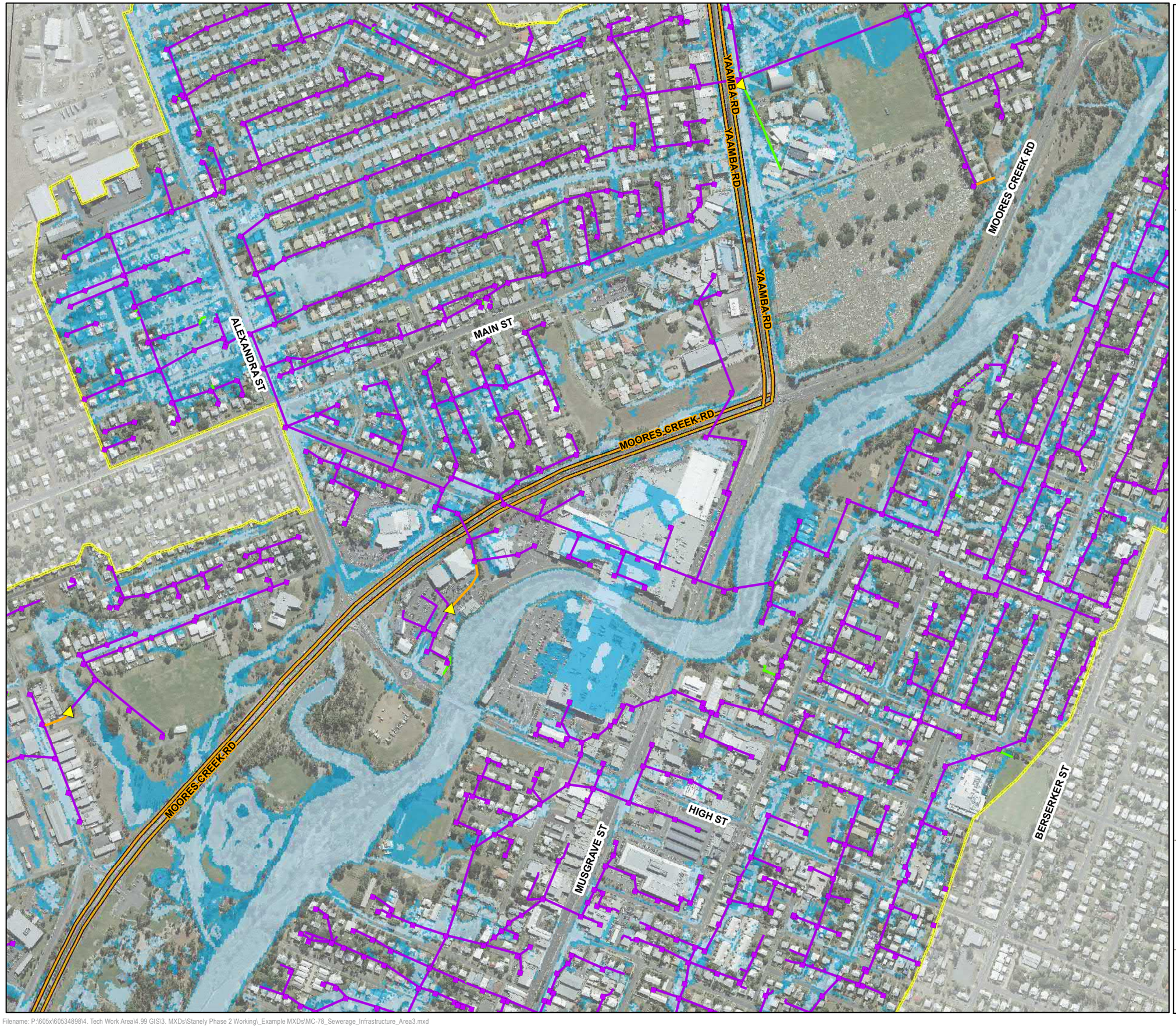
75mm Min. Depth
100m² Min. Area

Moores Creek Model
Sewerage Infrastructure - Area 2

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-77

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-77_Sewerage_Infrastructure_Area2.mxd



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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

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LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

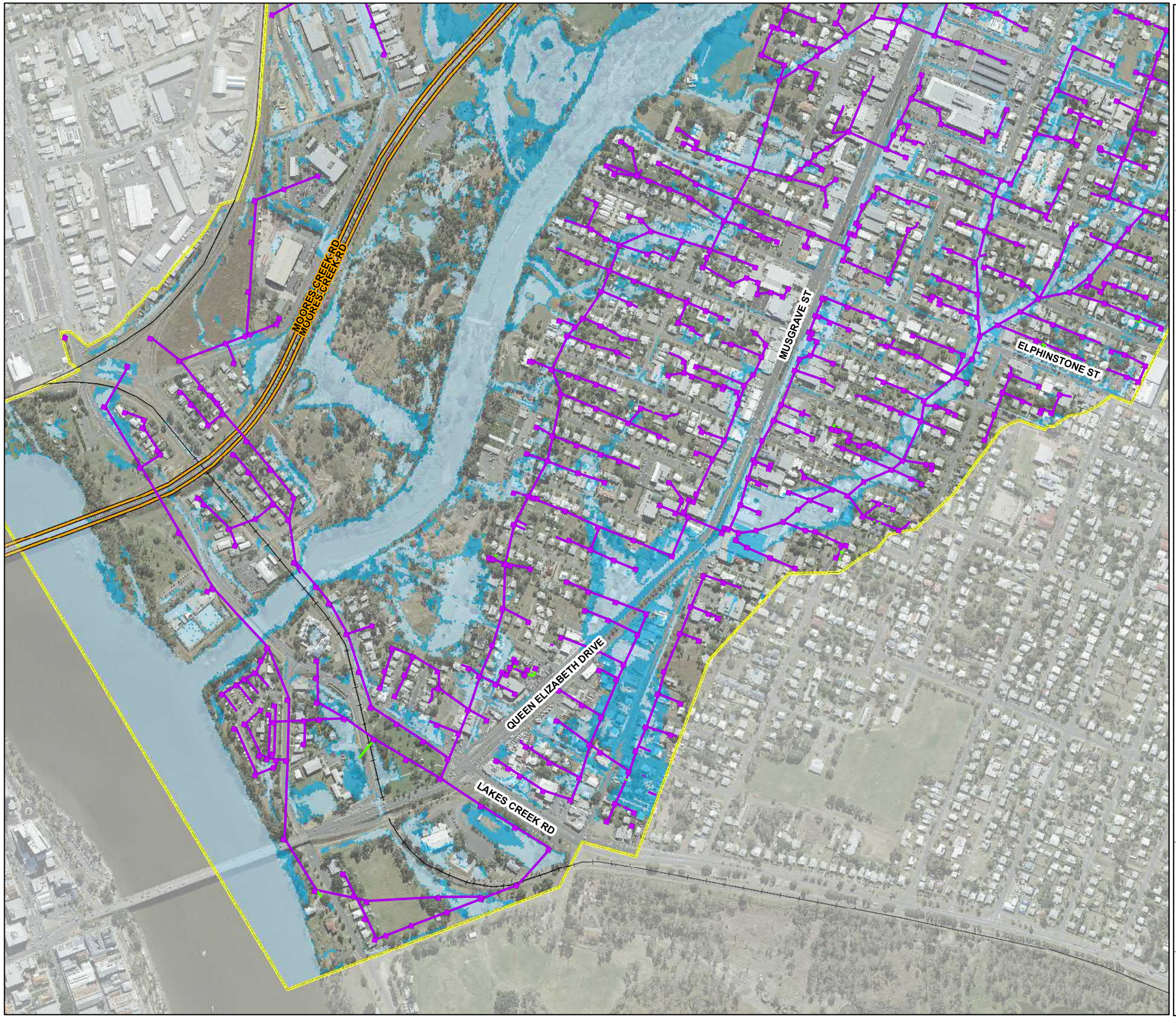
75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Sewerage Infrastructure - Area 3

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-78

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-78_Sewerage_Infrastructure_Area3.mxd



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Rockhampton Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 100 200 300 400

Metres

1:6,500
(when printed at A3)

AECOM
www.aecom.com

LEGEND

Sewerage Structures

- Pump Stations
- Treatment Plants

Sewerage Points

- Access Chambers

Sewerage Pipes

- Rising Mains
- Jump Ups
- Gravity Mains
- Highways
- Railway Lines
- Hydraulic Model Extent
- 18% AEP Extent
- 1% AEP Extent

Flood results are based on local catchment events

Data Sources:

DCDB (c) 2016 QLD Government
Imagery (c) 2016 RRC

Results Filtering:

75mm Min. Depth
100m^2 Min. Area

Moores Creek Model
Sewerage Infrastructure - Area 4

PROJECT ID	60534898
CREATED BY	maultbyj
LAST MODIFIED	28/08/2017
VERSION:	1

Map MC-79

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Stanely Phase 2 Working_Example MXDs\MC-79_Sewerage_Infrastructure_Area4.mxd