

# Ramsay Creek Local Catchment Study

Baseline Flooding Assessment - Volume 2

# Ramsay Creek Local Catchment Study

Baseline Flooding Assessment - Volume 2

Client: Rockhampton Regional Council

ABN: 59 923 523 766

Prepared by

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## Explanatory Notes and Disclaimer

These maps are to be read in conjunction with the Ramsay 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 Ramsay 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 Ramsay 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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2. Using the map/s and associated data for any purpose not agreed to in writing by Rockhampton Regional Council.

Baseline Mapping

Map Number	Title
RC-01	Peak Flood Depths (1 EY 90min Storm Event)
RC-02	Peak Flood Heights (1 EY 90min Storm Event)
RC-03	Peak Depth Averaged Flood Velocity (1 EY 90min Storm Event)
RC-04	Peak Flood Depths (39% AEP 90min Storm Event)
RC-05	Peak Flood Heights (39% AEP 90min Storm Event)
RC-06	Peak Depth Averaged Flood Velocity (39% AEP 90min Storm Event)
RC-07	Peak Flood Depths (18% AEP 90min Storm Event) Overview
RC-08	Peak Flood Depths (18% AEP 90min Storm Event) Area 1
RC-09	Peak Flood Depths (18% AEP 90min Storm Event) Area 2
RC-10	Peak Flood Depths (18% AEP 90min Storm Event) Area 3
RC-11	Peak Flood Depths (18% AEP 90min Storm Event) Area 4
RC-12	Peak Flood Heights (18% AEP 90min Storm Event) Overview
RC-13	Peak Flood Heights (18% AEP 90min Storm Event) Area 1
RC-14	Peak Flood Heights (18% AEP 90min Storm Event) Area 2
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RC-16	Peak Flood Heights (18% AEP 90min Storm Event) Area 4
RC-17	Peak Depth Averaged Flood Velocity (18% AEP 90min Storm Event) Overview
RC-18	Peak Depth Averaged Flood Velocity (18% AEP 90min Storm Event) Area 1
RC-19	Peak Depth Averaged Flood Velocity (18% AEP 90min Storm Event) Area 2
RC-20	Peak Depth Averaged Flood Velocity (18% AEP 90min Storm Event) Area 3
RC-21	Peak Depth Averaged Flood Velocity (18% AEP 90min Storm Event) Area 4
RC-22	Peak Flood Depths (10% AEP 90min Storm Event)
RC-23	Peak Flood Heights (10% AEP 90min Storm Event)
RC-24	Peak Depth Averaged Flood Velocity (10% AEP 90min Storm Event)
RC-25	Peak Flood Depths (5% AEP 90min Storm Event)
RC-26	Peak Flood Heights (5% AEP 90min Storm Event)
RC-27	Peak Depth Averaged Flood Velocity (5% AEP 90min Storm Event)
RC-28	Peak Flood Depths (2% AEP 90min Storm Event)
RC-29	Peak Flood Heights (2% AEP 90min Storm Event)
RC-30	Peak Depth Averaged Flood Velocity (2% AEP 90min Storm Event)
RC-31	Peak Flood Depths (1% AEP across multiple storm durations) Overview
RC-32	Peak Flood Depths (1% AEP across multiple storm durations) Area 1
RC-33	Peak Flood Depths (1% AEP across multiple storm durations) Area 2
RC-34	Peak Flood Depths (1% AEP across multiple storm durations) Area 3
RC-35	Peak Flood Depths (1% AEP across multiple storm durations) Area 4

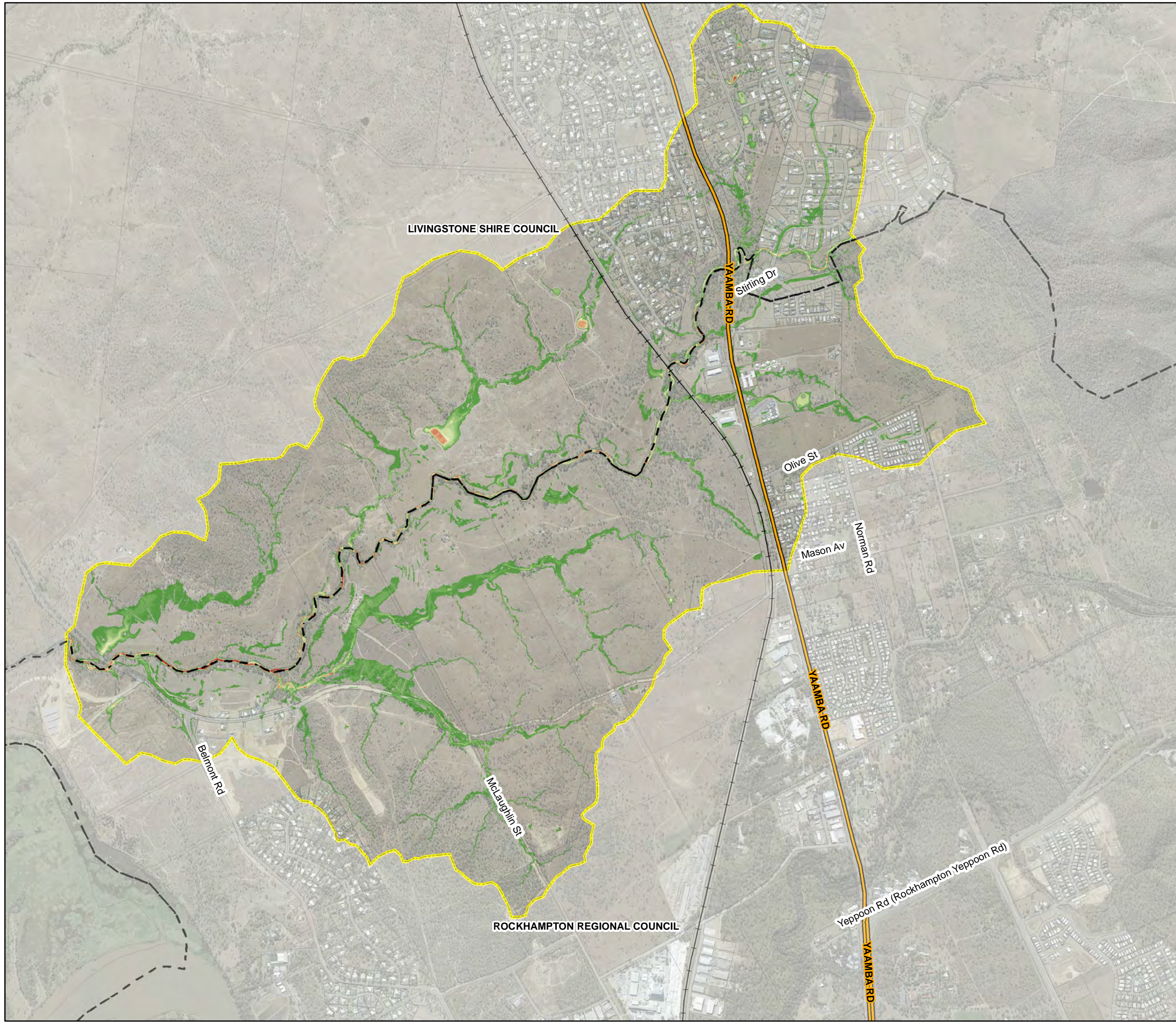
Map Number	Title
RC-36	Peak Flood Heights (1% AEP across multiple storm durations) Overview
RC-37	Peak Flood Heights (1% AEP across multiple storm durations) Area 1
RC-38	Peak Flood Heights (1% AEP across multiple storm durations) Area 2
RC-39	Peak Flood Heights (1% AEP across multiple storm durations) Area 3
RC-40	Peak Flood Heights (1% AEP across multiple storm durations) Area 4
RC-41	Peak Depth Averaged Flood Velocity (1% AEP across multiple storm durations) Overview
RC-42	Peak Depth Averaged Flood Velocity (1% AEP across multiple storm durations) Area 1
RC-43	Peak Depth Averaged Flood Velocity (1% AEP across multiple storm durations) Area 2
RC-44	Peak Depth Averaged Flood Velocity (1% AEP across multiple storm durations) Area 3
RC-45	Peak Depth Averaged Flood Velocity (1% AEP across multiple storm durations) Area 4
RC-46	Peak Flood Depths (0.2% AEP 90min Storm Event)
RC-47	Peak Flood Heights (0.2% AEP 90min Storm Event)
RC-48	Peak Depth Averaged Flood Velocity (0.2% AEP 90min Storm Event)
RC-49	Peak Flood Depths (0.05% AEP 90min Storm Event)
RC-50	Peak Flood Heights (0.05% AEP 90min Storm Event)
RC-51	Peak Depth Averaged Flood Velocity (0.05% AEP 90min Storm Event)
RC-52	Peak Flood Depths (PMF 90min Storm Event)
RC-53	Peak Flood Heights (PMF 90min Storm Event)
RC-54	Peak Depth Averaged Flood Velocity (PMF 90min Storm Event)
RC-55	Peak Flood Extent (90min Storm Event)



Sensitivity Analyses

Map Number	Title
RC-56	Difference in Peak Flood Height: 15% Increased Roughness minus Baseline (1% AEP 90min Storm Event)
RC-57	Difference in Peak Flood Height: 15% Decreased Roughness minus Baseline (1% AEP 90min Storm Event)
RC-58	Difference in Peak Flood Height: Climate Change to 2100 minus Baseline (1% AEP 90min Storm Event)
RC-59	Difference in Peak Flood Height: 18% AEP Fitzroy River Tailwater Level minus Baseline (1% AEP 90min Storm Event)
RC-60	Difference in Peak Flood Height: 20% Stormwater Infrastructure Blockage minus Baseline (18% AEP 90min Storm Event)
RC-61	Difference in Peak Flood Height: 50% Stormwater Infrastructure Blockage minus Baseline (18% AEP 90min Storm Event)
RC-62	Difference in Peak Flood Height: 100% Stormwater Infrastructure Blockage minus Baseline (18% AEP 90min Storm Event)
RC-63	Difference in Peak Flood Height: Increased Inlet Structure Dimensions minus Baseline (18% AEP 90min Storm Event)
RC-64	Difference in Peak Flood Height: Key Cross Drainage Culvert Blockage minus Baseline (18% AEP 90min Storm Event)



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000  
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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths

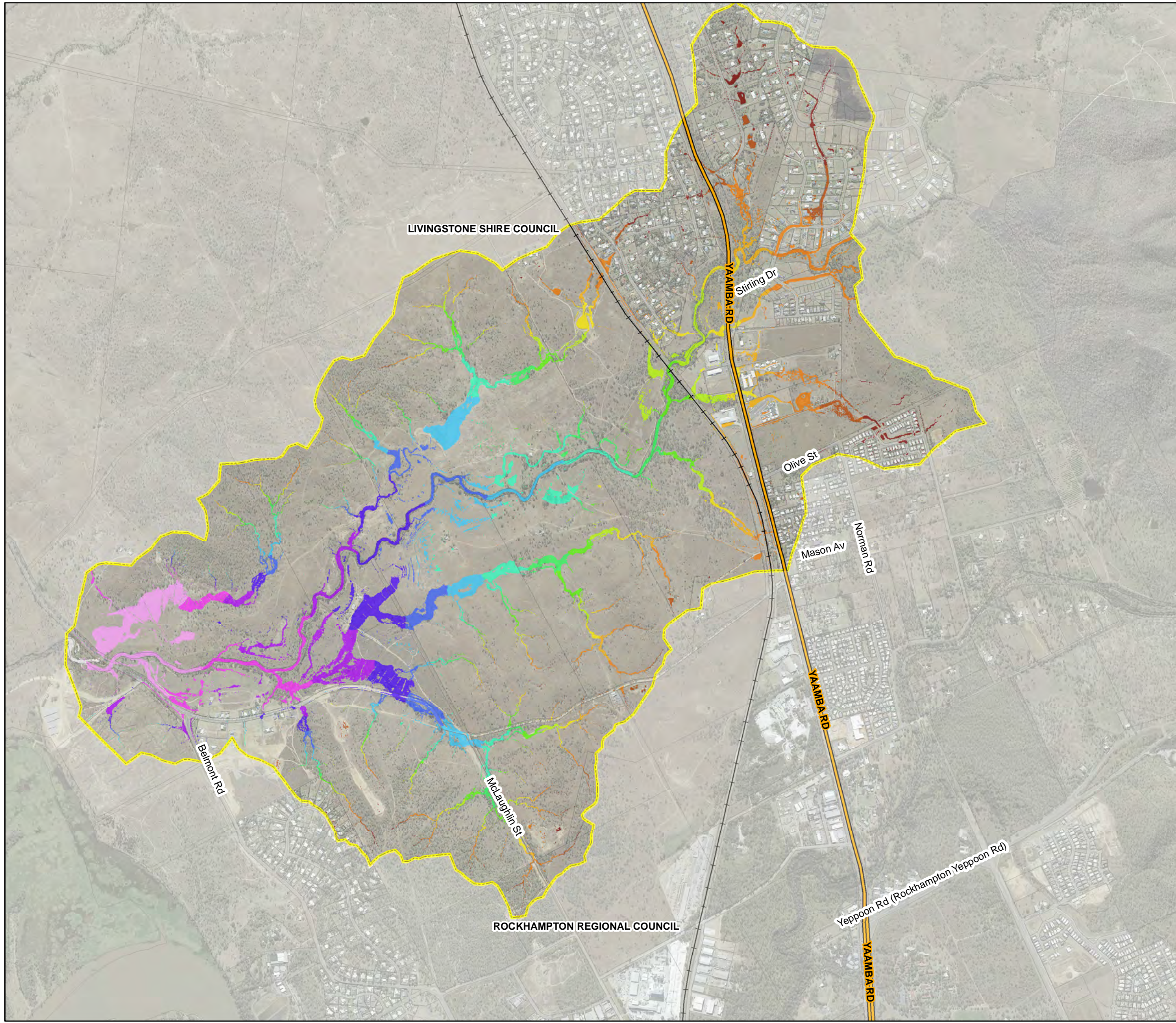
1 EY 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-01

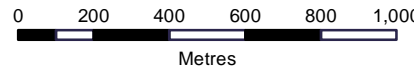


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Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Heights

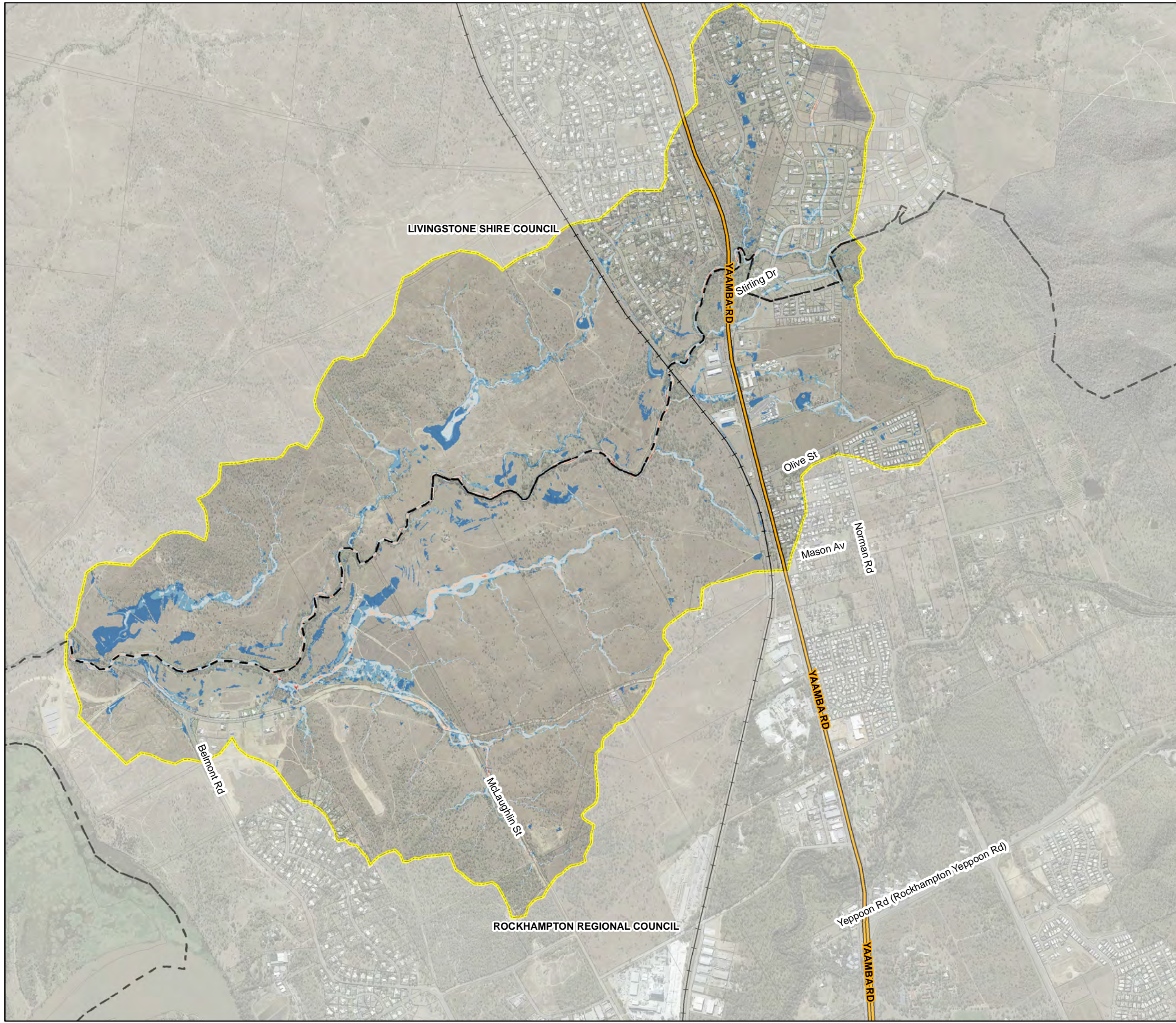
1 EY 90min Storm Event

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CREATED BY	maulbyj
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VERSION:	1

**Map**  
RC-02



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0 200 400 600 800 1,000

Metres

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**LEGEND**

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

1 EY 90min Storm Event

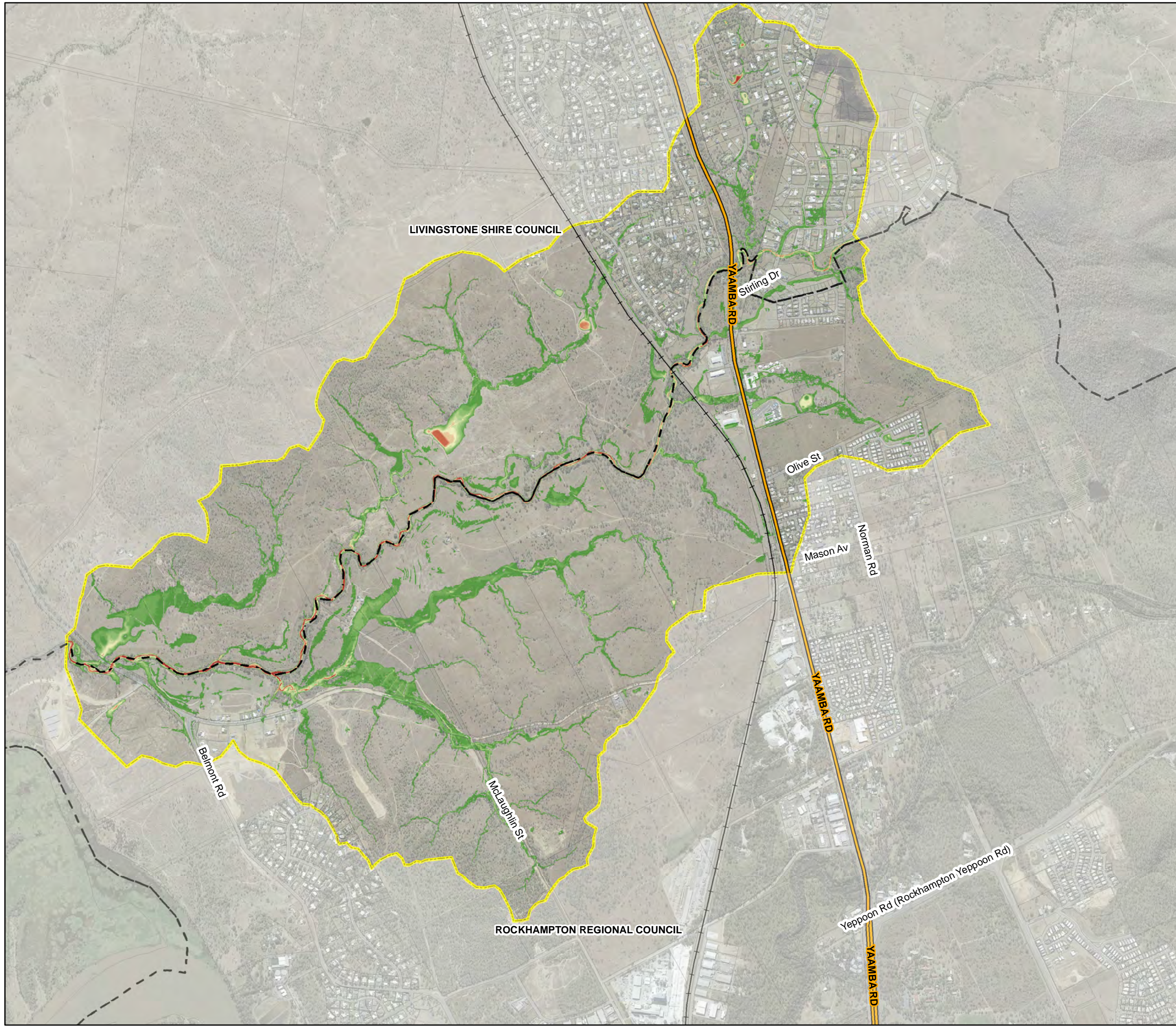
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-03**



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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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 GovernmentImagery (c) 2016 RRCResults Filtering:75mm Min. Depth100m² Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths  
  
39% AEP 90min Storm Event

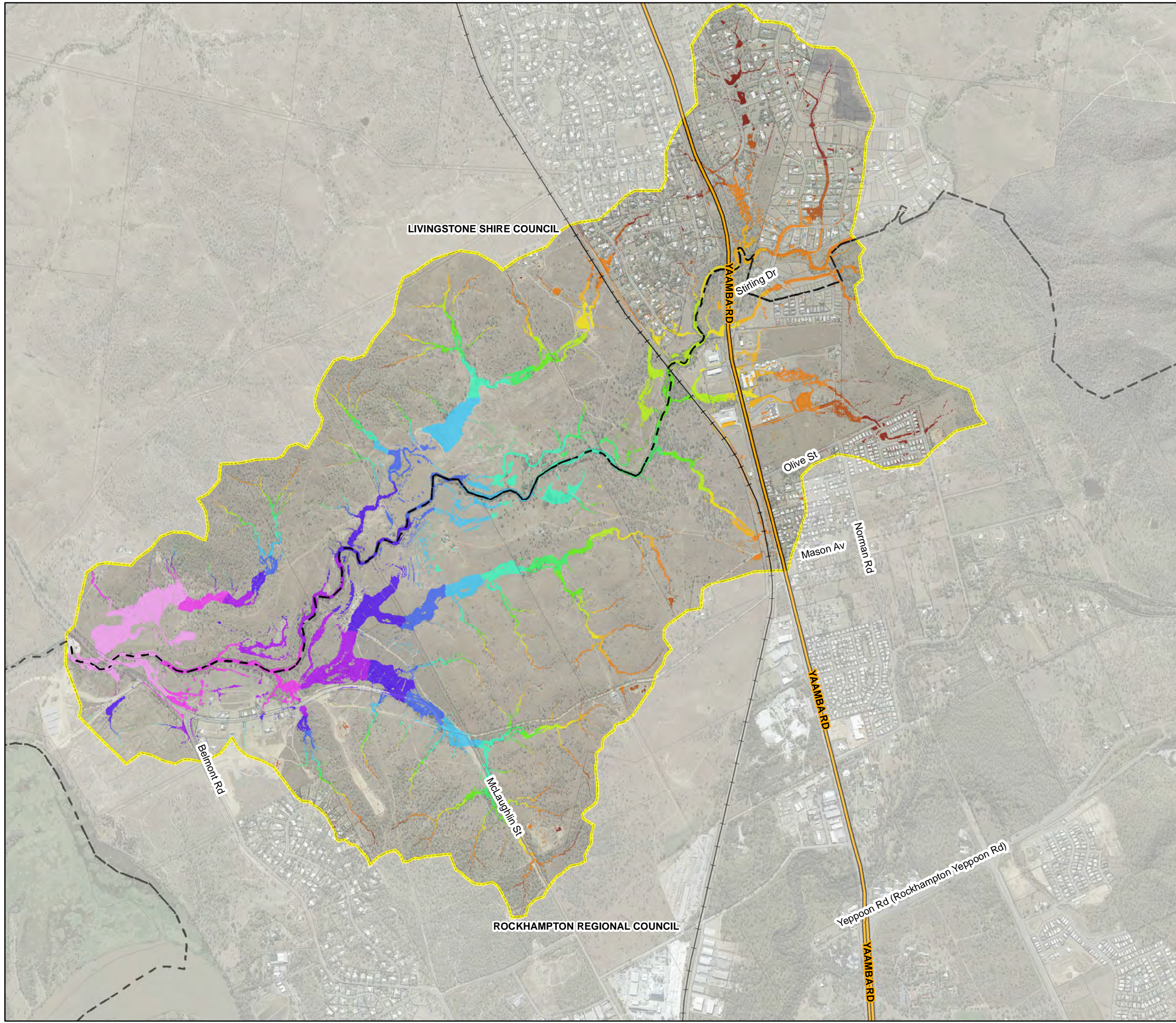
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

Map  
RC-04

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Ramsay Creek Publishing\Mapping without Insets\RC-04\_39p4AEP\_Depth.mxd



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Regional Council

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Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

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<sup>2</sup> Min. Area

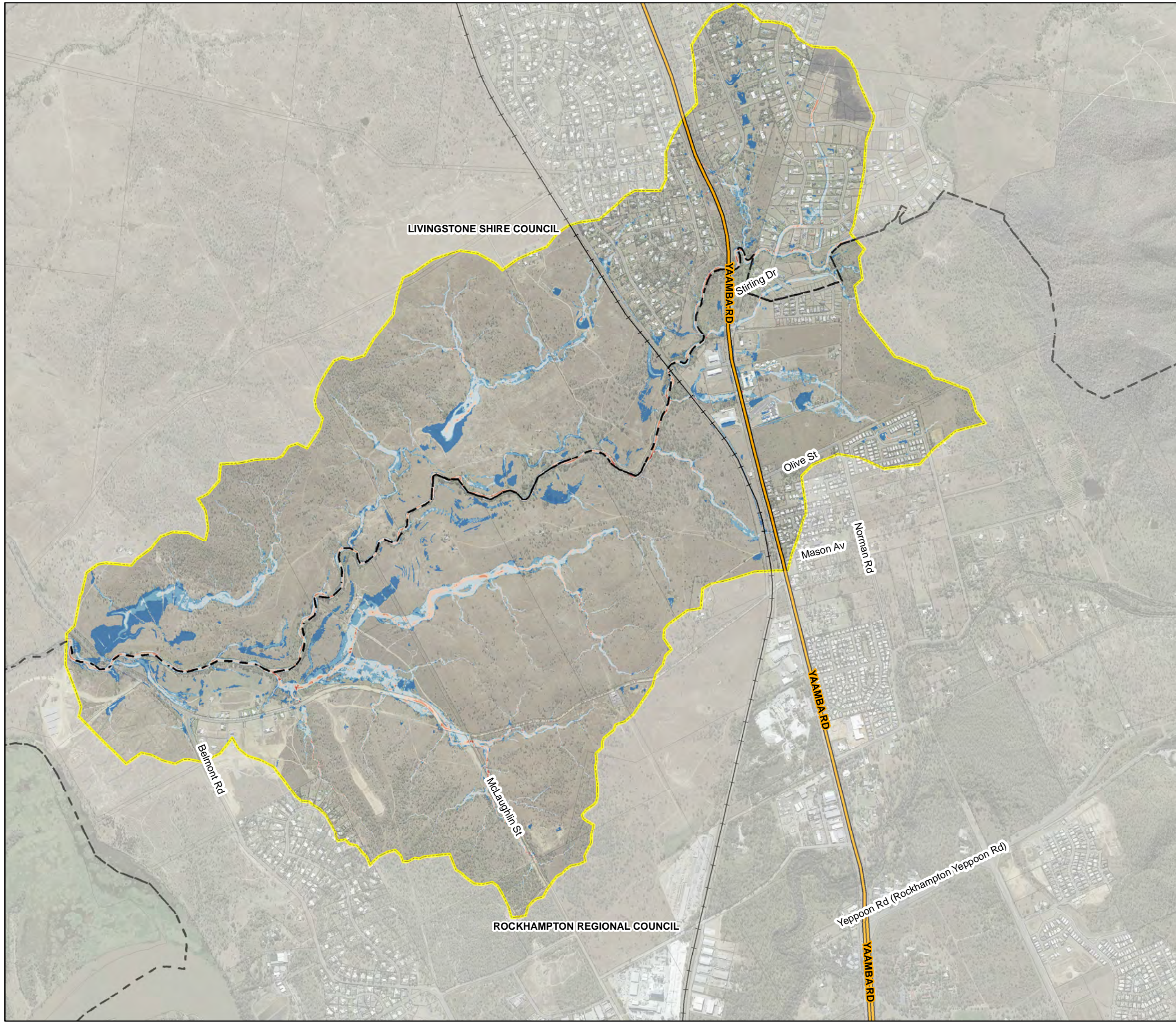
Ramsay Creek Model  
Baseline Peak Flood Heights  
  
39% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

Map  
RC-05



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0 200 400 600 800 1,000

Metres

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**LEGEND**

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

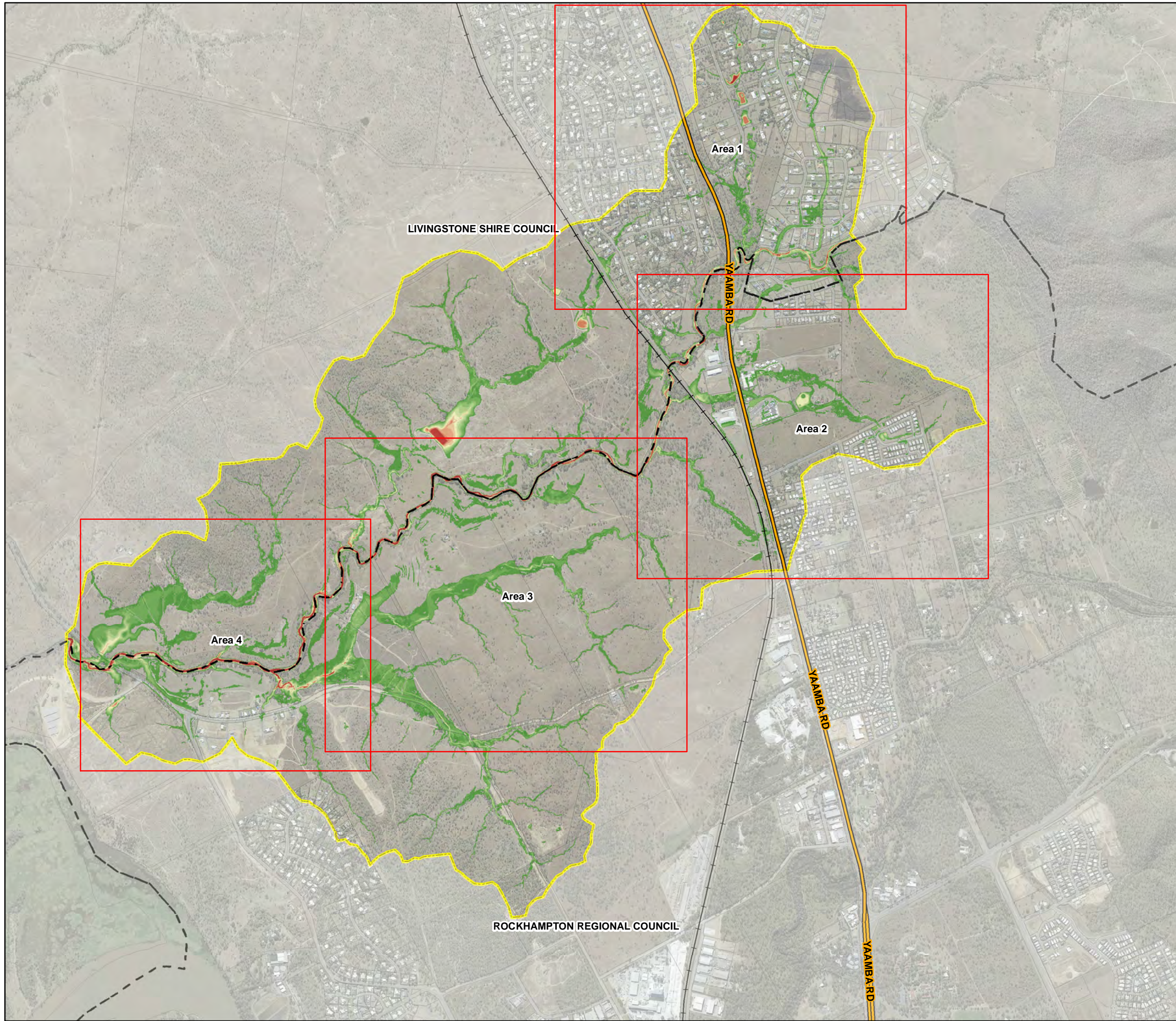
39% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

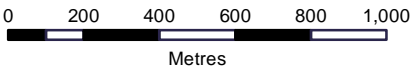
**Map**  
RC-06



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**LEGEND**

- Map Extents
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Catchment Overview

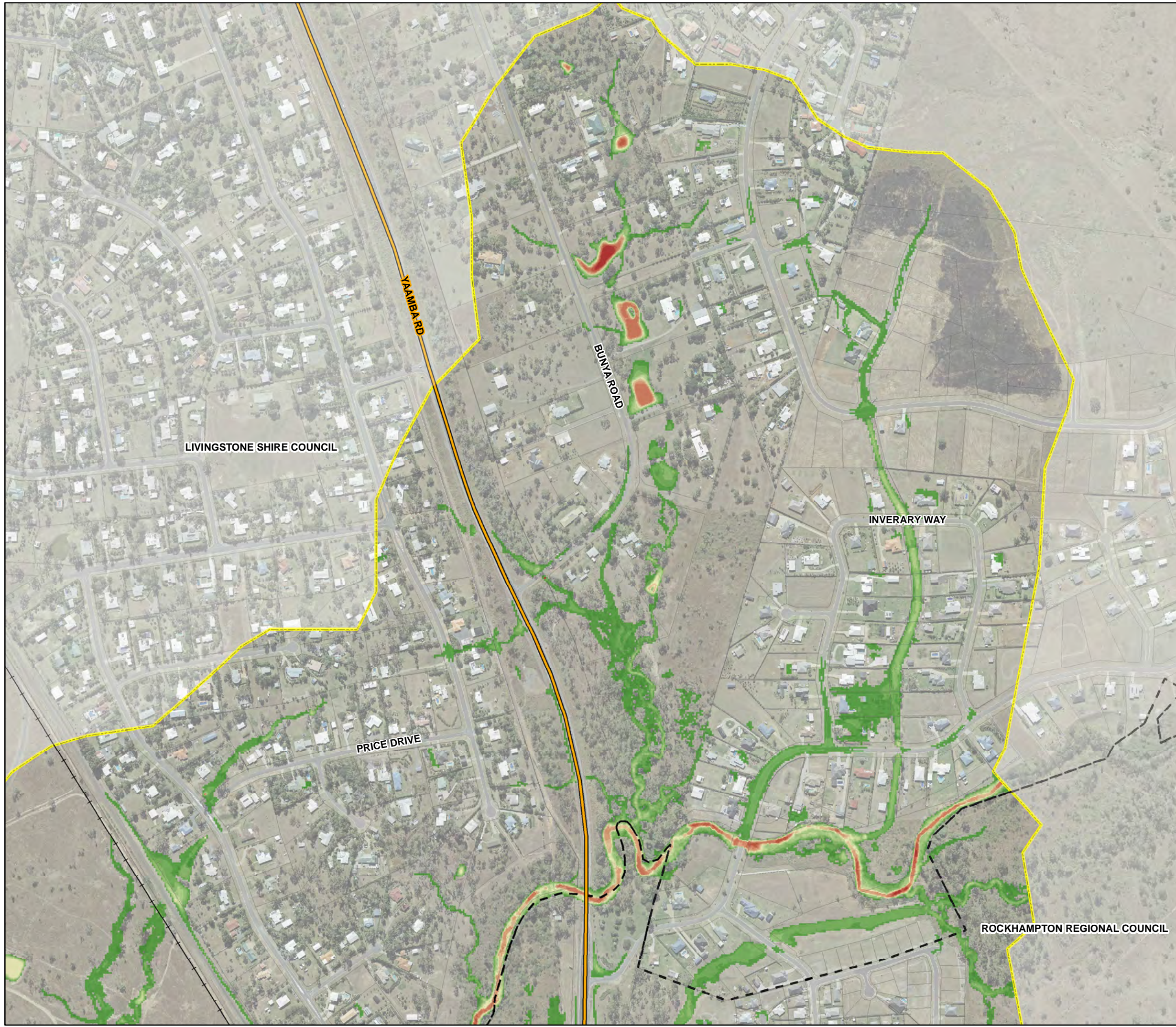
18% AEP 90min Storm Event



PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 12/06/2017  
VERSION: 1

**Map**  
**RC-07**



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0 50 100 150 200 250 300

Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	12/06/2017
VERSION:	1

**Map**

RC-08



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0 50 100 150 200 250 300

Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 2

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	12/06/2017
VERSION:	1

**Map**

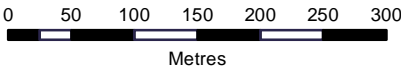
**RC-09**



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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 3

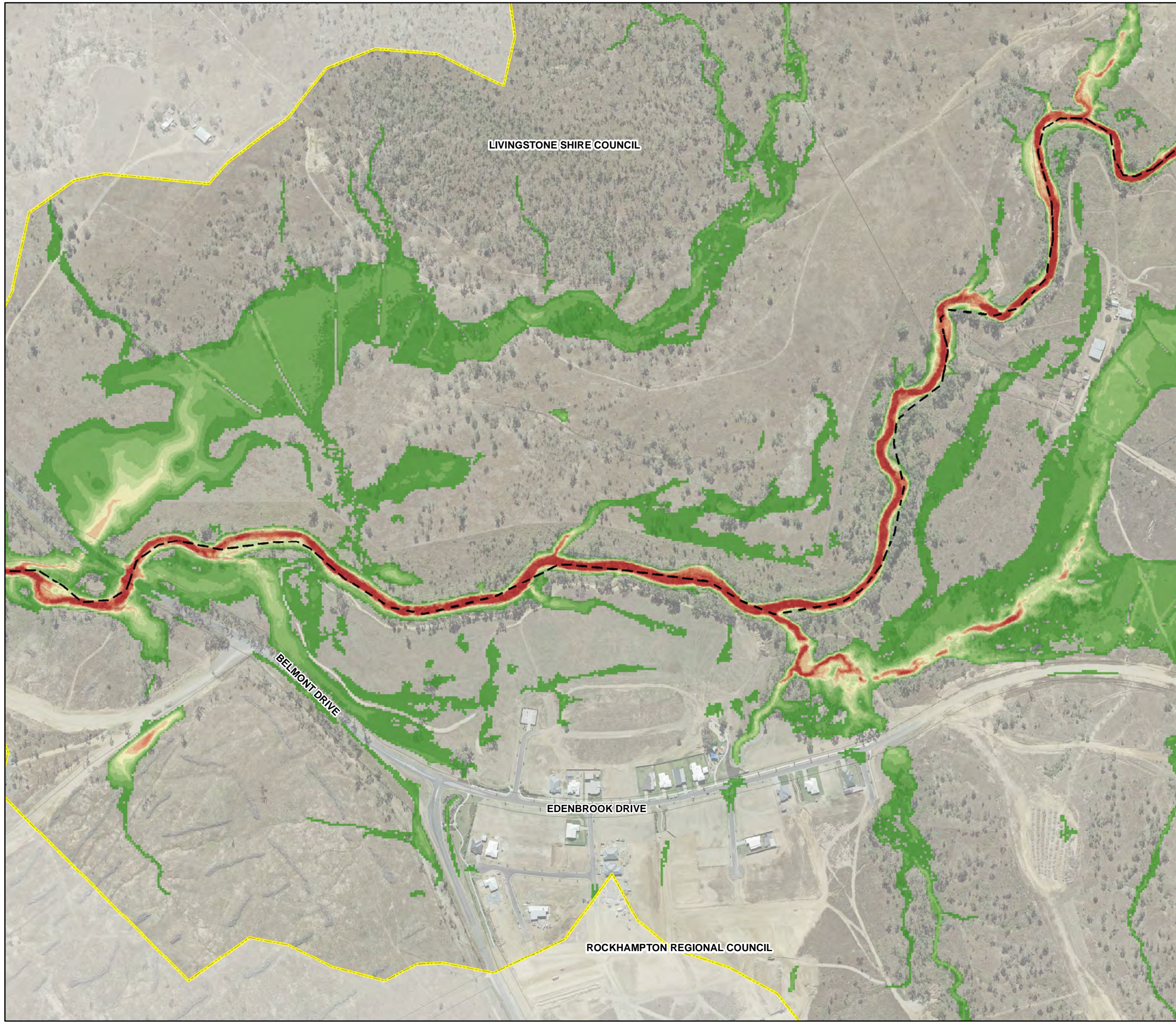
18% AEP 90min Storm Event



PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 12/06/2017  
VERSION: 1

**Map**  
**RC-10**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250

Metres

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(when printed at A3)



**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 4

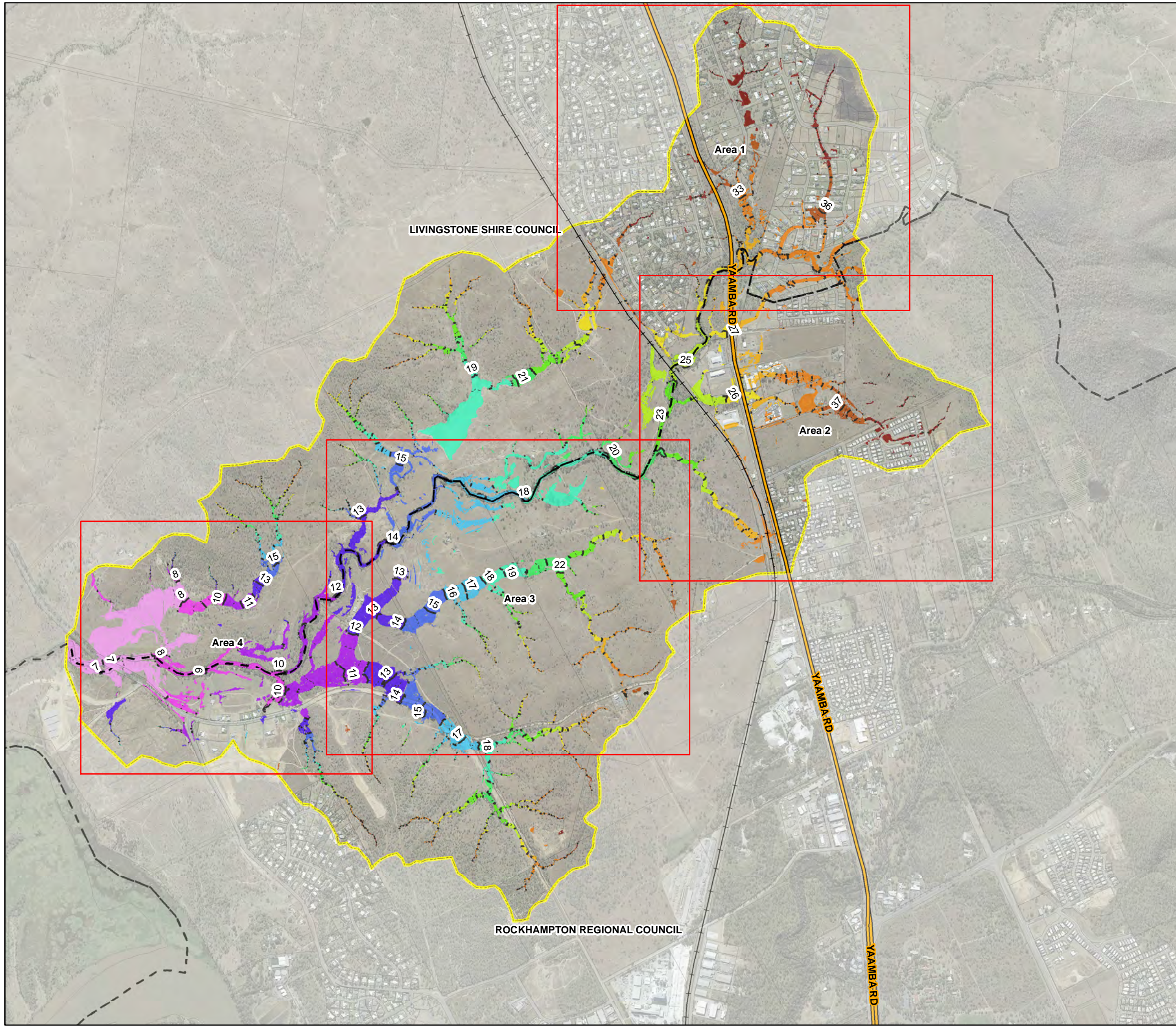
18% AEP 90min Storm Event



PROJECT ID	60534898
CREATED BY	maullybj
LAST MODIFIED	12/06/2017
VERSION:	1

**Map**  
RC-11



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 200 400 600 800 1,000

Metres

1:20,000  
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**LEGEND**

- Map Extents
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 05m\_Contour
- 1m\_Contour

**Baseline Peak Flood Height (mAHD)**

- < 6.00
- 6.01 - 8.00
- 8.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 18.00
- 18.01 - 20.00
- 20.01 - 22.00
- 22.01 - 24.00
- 24.01 - 26.00
- 26.01 - 28.00
- 28.01 - 30.00
- 30.01 - 35.00
- 35.01 - 40.00
- > 40.00

**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<sup>2</sup> Min. Area

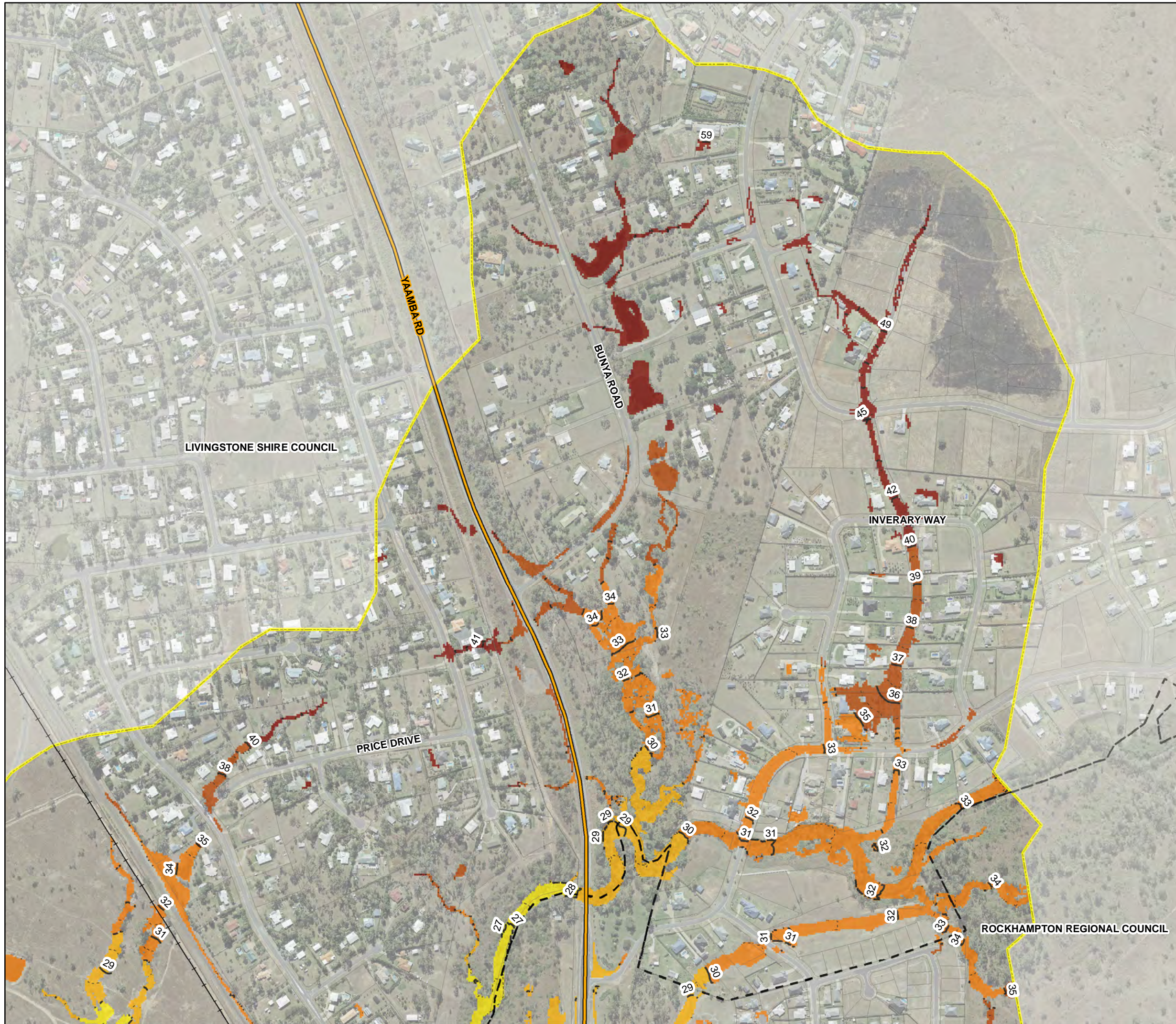
Ramsay Creek Model  
Peak Flood Heights- Catchment Overview



18% AEP 90min Storm Event

PROJECT ID	60534898	<b>Map</b> RC-12
CREATED BY	maulbyj	
LAST MODIFIED	5/07/2017	
VERSION:	1	



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 05m\_Contour
- 1m\_Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Heights - Area 1  
18% AEP 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	5/07/2017
VERSION:	1

**Map**  
RC-13

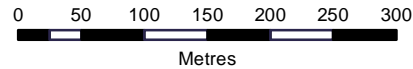


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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 05m\_Contour
- 1m\_Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Heights - Area 2

18% AEP 90min Storm Event

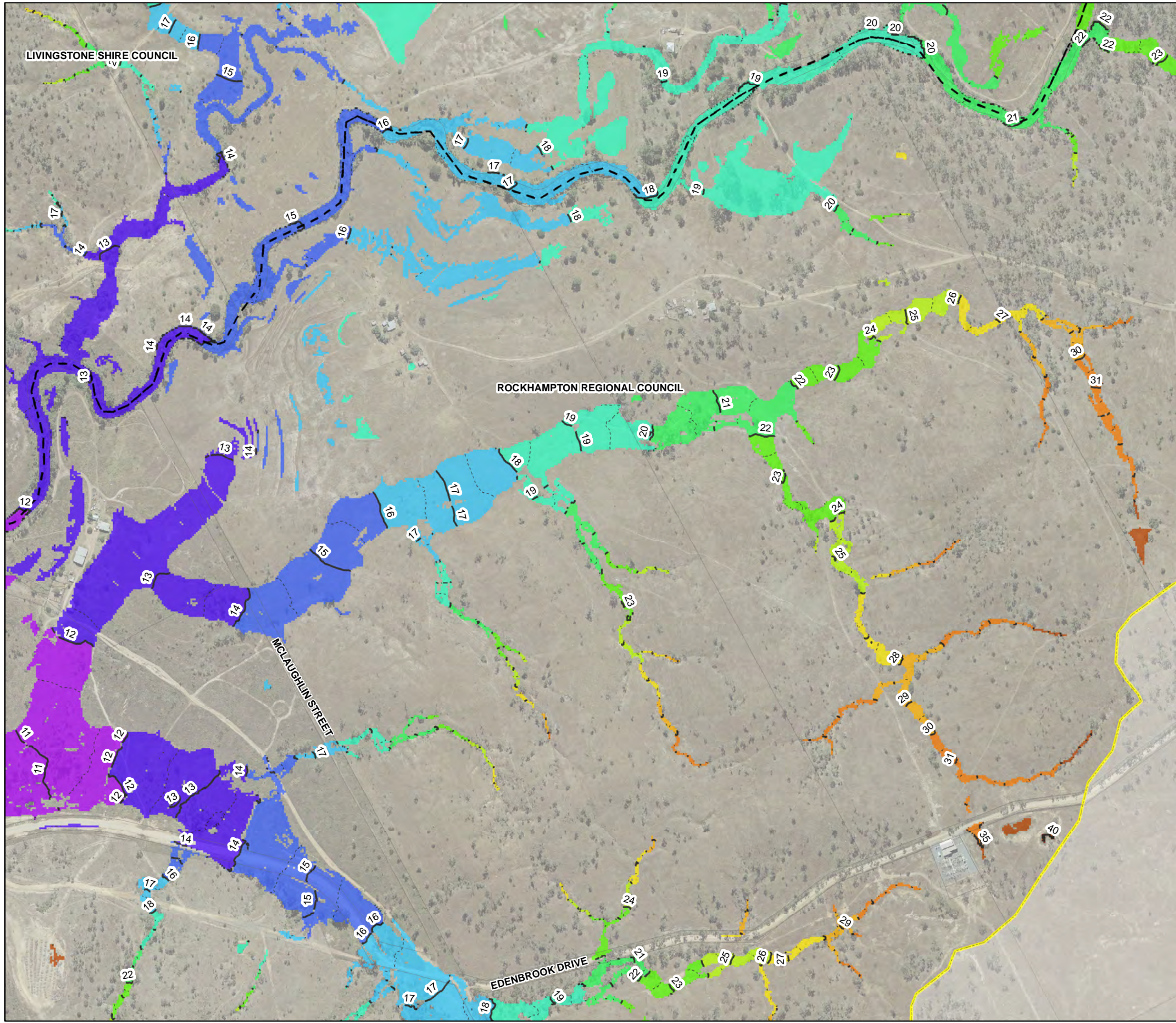
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	5/07/2017
VERSION:	1



**Map**

**RC-14**



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0 50 100 150 200 250 300

Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 05m\_Contour
- 1m\_Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

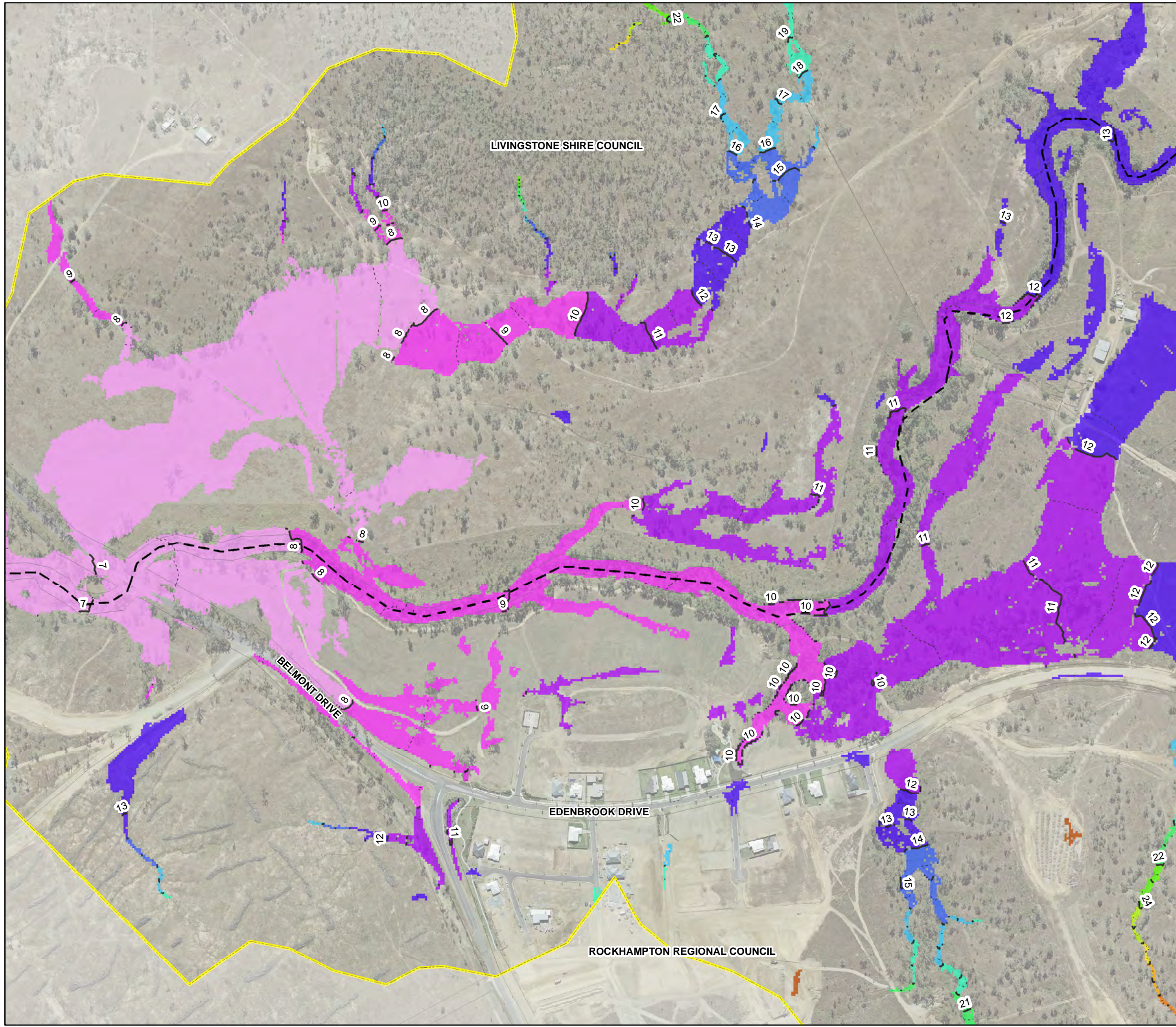
Ramsay Creek Model  
Peak Flood Heights - Area 3

18% AEP 90min Storm Event

PROJECT ID	60534898	<b>Map</b> RC-15
CREATED BY	maulbyj	
LAST MODIFIED	5/07/2017	
VERSION:	1	



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0 50 100 150 200 250  
Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 05m\_Contour
- 1m\_Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

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<sup>2</sup> Min. Area

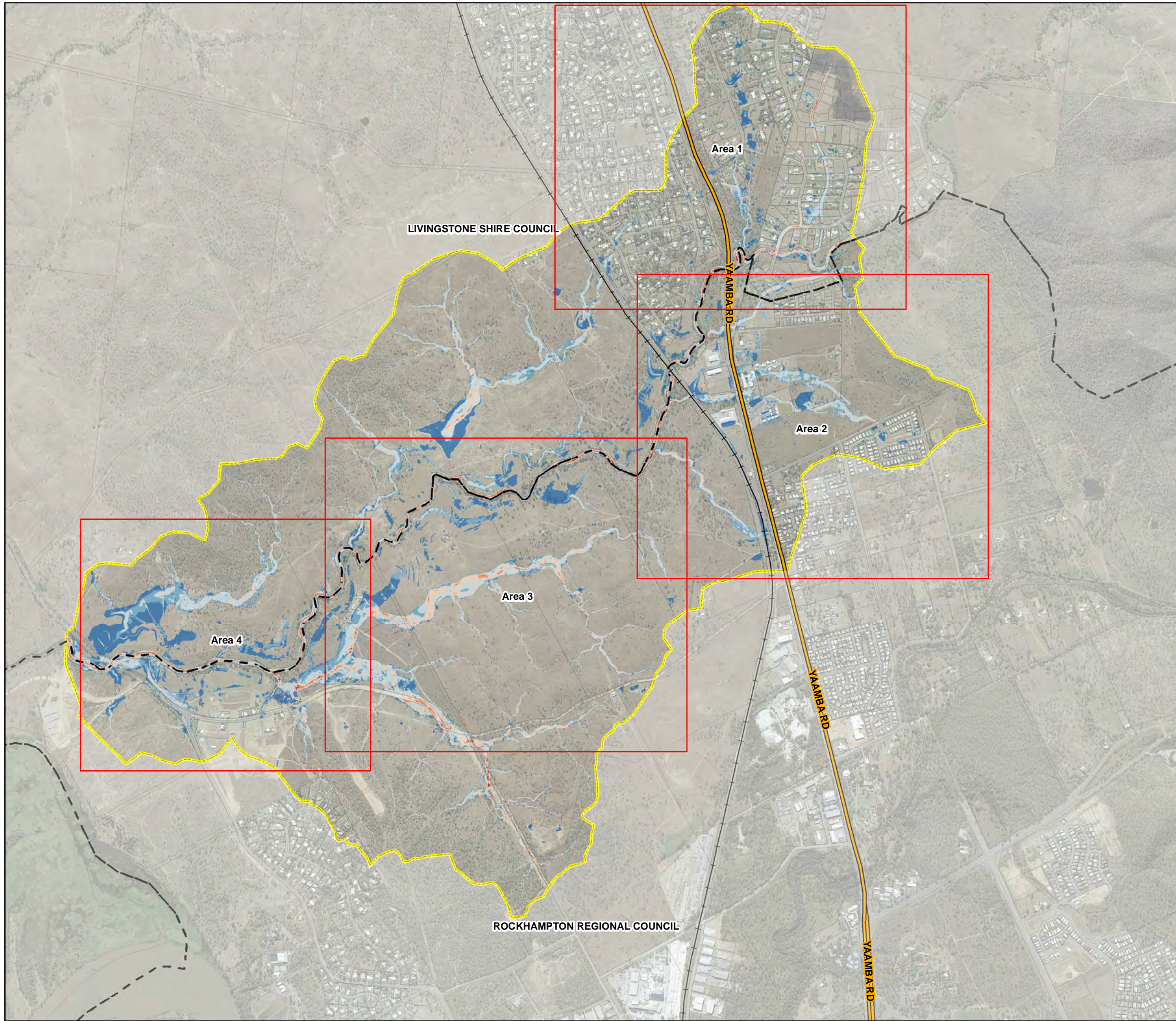
Ramsay Creek Model  
Peak Flood Heights - Area 4  
  
18% AEP 90min Storm Event

PROJECT ID: 60534898  
CREATED BY: maultbyj  
LAST MODIFIED: 5/07/2017  
VERSION: 1

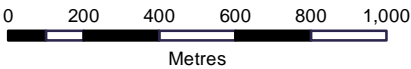
Map  
RC-16



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#### LEGEND

- Map Extents
  - Highways
  - Railway Lines
  - Cadastre
  - Local Government Boundary
  - Hydraulic Model Extent
- Peak Depth Averaged Velocity (m/s)**
- < 0.25
  - 0.25 - 0.50
  - 0.51 - 1.00
  - 1.01 - 1.50
  - 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Catchment Overview

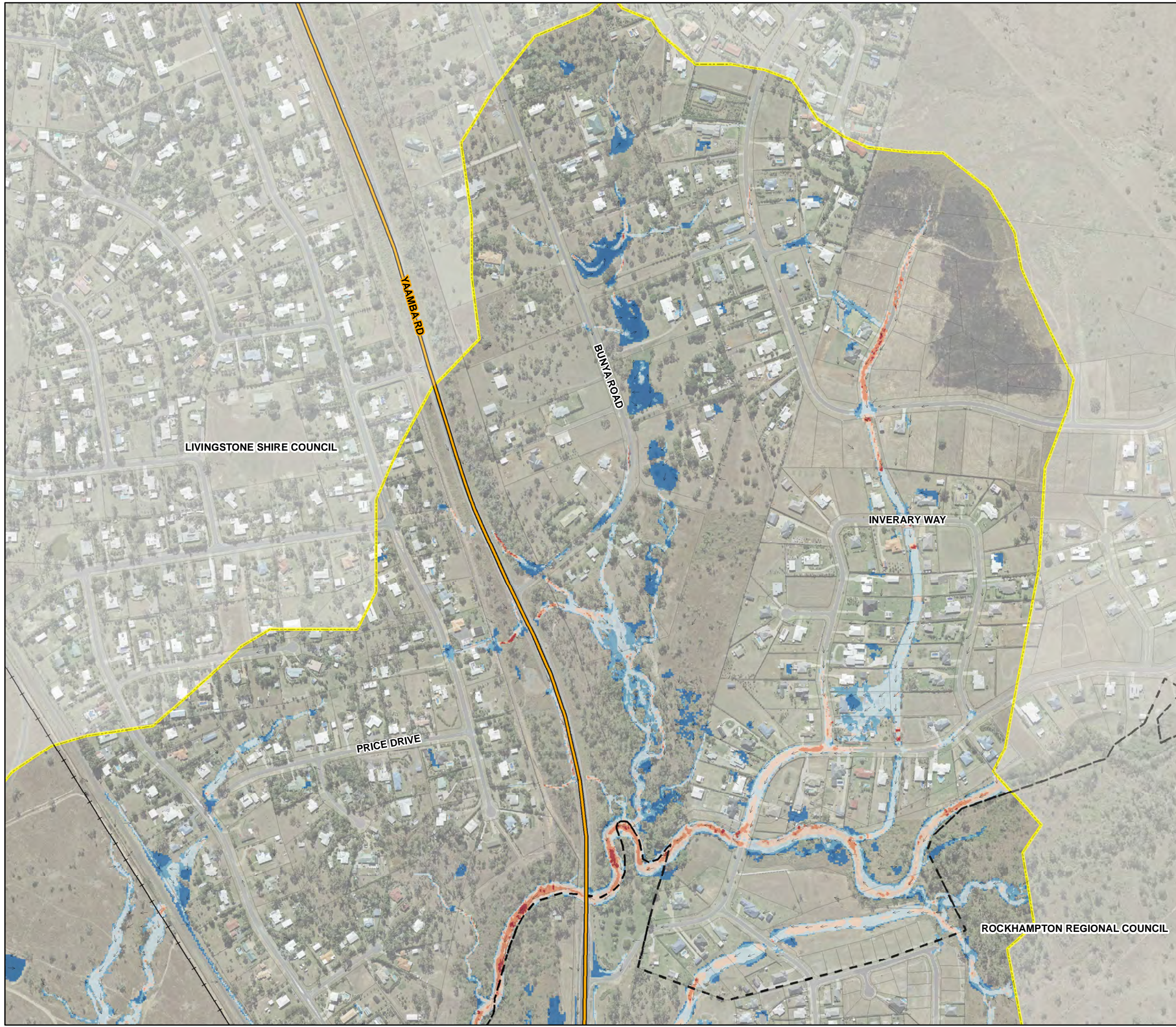
18% AEP 90min Storm Event



PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 13/06/2017  
VERSION: 1

**Map**  
**RC-17**



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0 50 100 150 200 250 300

Metres

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**LEGEND**

- ↑ Flow Direction
- Highways
- +— Railway Lines
- Cadastre
- - - Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

Blue	< 0.25
Light Blue	0.25 - 0.50
Medium Blue	0.51 - 1.00
Light Orange	1.01 - 1.50
Dark Orange	1.51 - 2.00
Red	> 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<sup>2</sup> Min. Area

Ramsay Creek Model  
PeakDepth Averaged Flood Velocity  
Area 1

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maultybj
LAST MODIFIED	13/06/2017
VERSION:	1


**Map**

**RC-18**




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0 50 100 150 200 250 300

Metres

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**LEGEND**

- ↑ Flow Direction
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 2

18% AEP 90min Storm Event

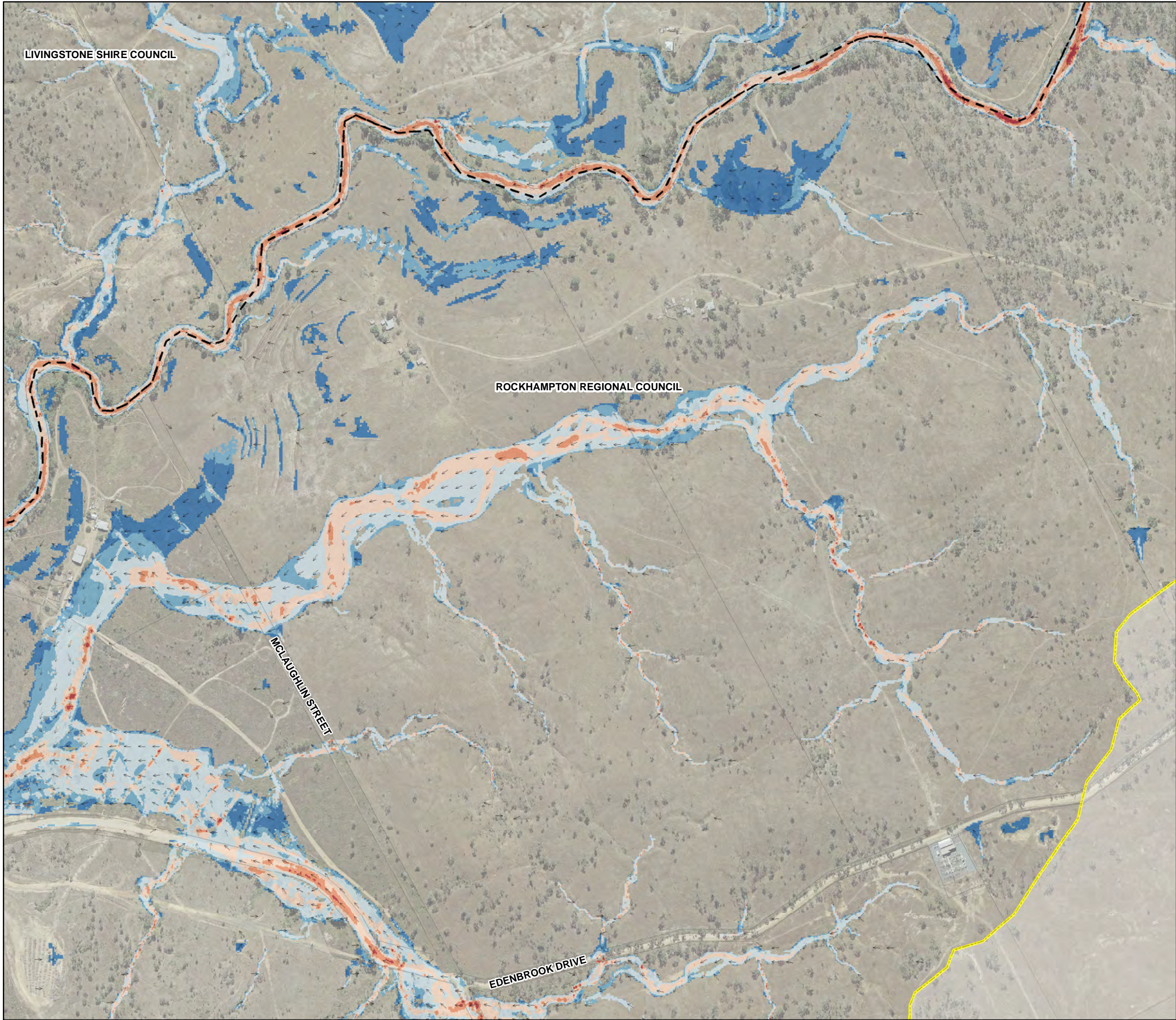
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1


**Map**

**RC-19**




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Metres

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**LEGEND**

↑

Flow Direction

Highways

+

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

< 0.25

0.25 - 0.50

0.51 - 1.00

1.01 - 1.50

1.51 - 2.00

> 2.00

**Flood results are based on local catchment events**

Data Sources:DCDB (c) 2016 QLD GovernmentImagery (c) 2016 RRC

Results Filtering:75mm Min. Depth100m<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 3

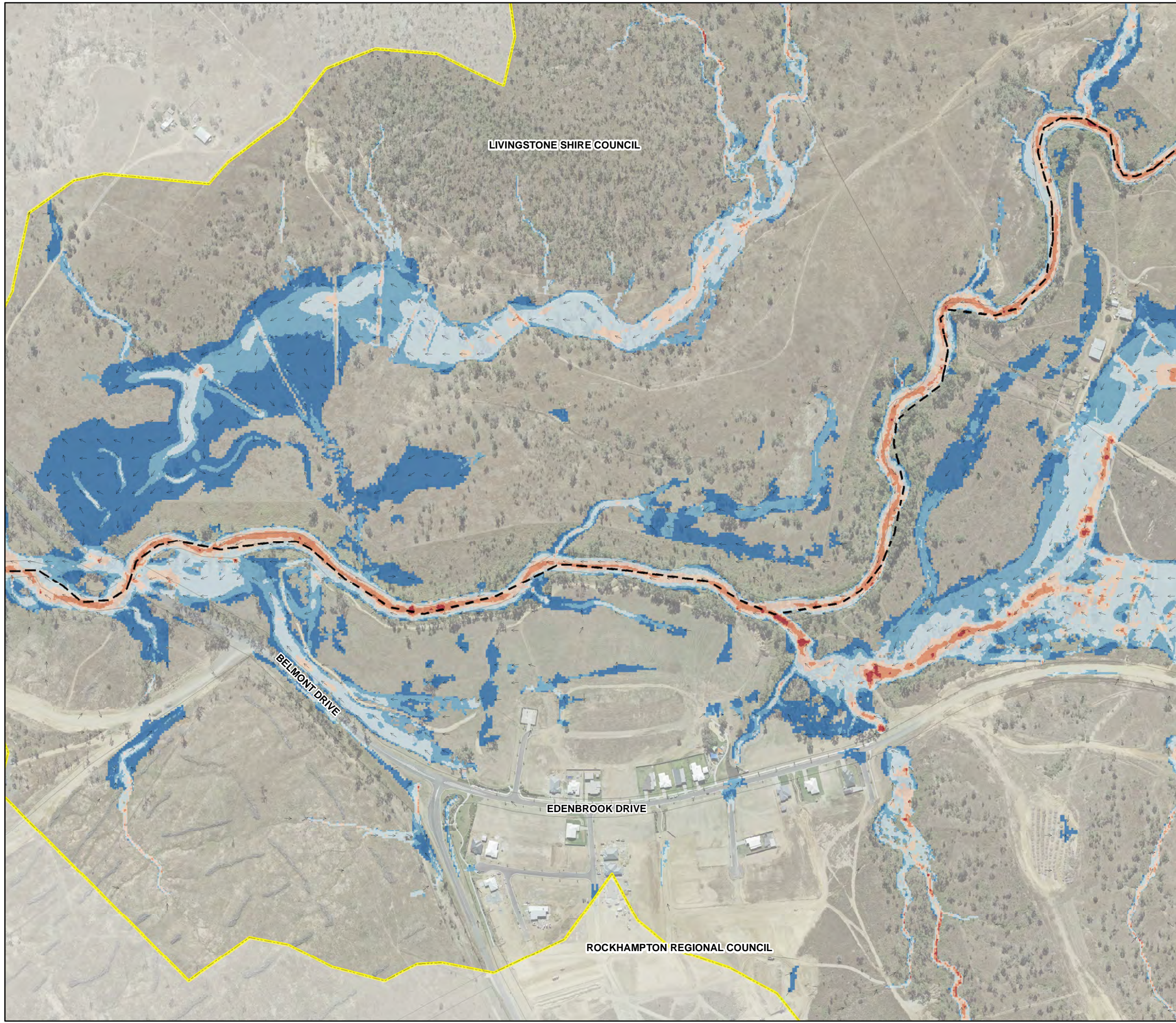
18% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED13/06/2017  
VERSION:1

**Map**  
RC-20



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050100150200250

Metres

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**LEGEND**

↑

Flow Direction

Highways

—+—

Railway Lines

Cadastre

- - -

Local Government Boundary

Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

< 0.25

0.25 - 0.50

0.51 - 1.00

1.01 - 1.50

1.51 - 2.00

> 2.00

**Flood results are based  
on local catchment events**

Data Sources:  
DCDB (c) 2016 QLD Government  
Imagery (c) 2016 RRCResults Filtering:  
75mm Min. Depth  
100m<sup>2</sup> Min. AreaRamsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 4

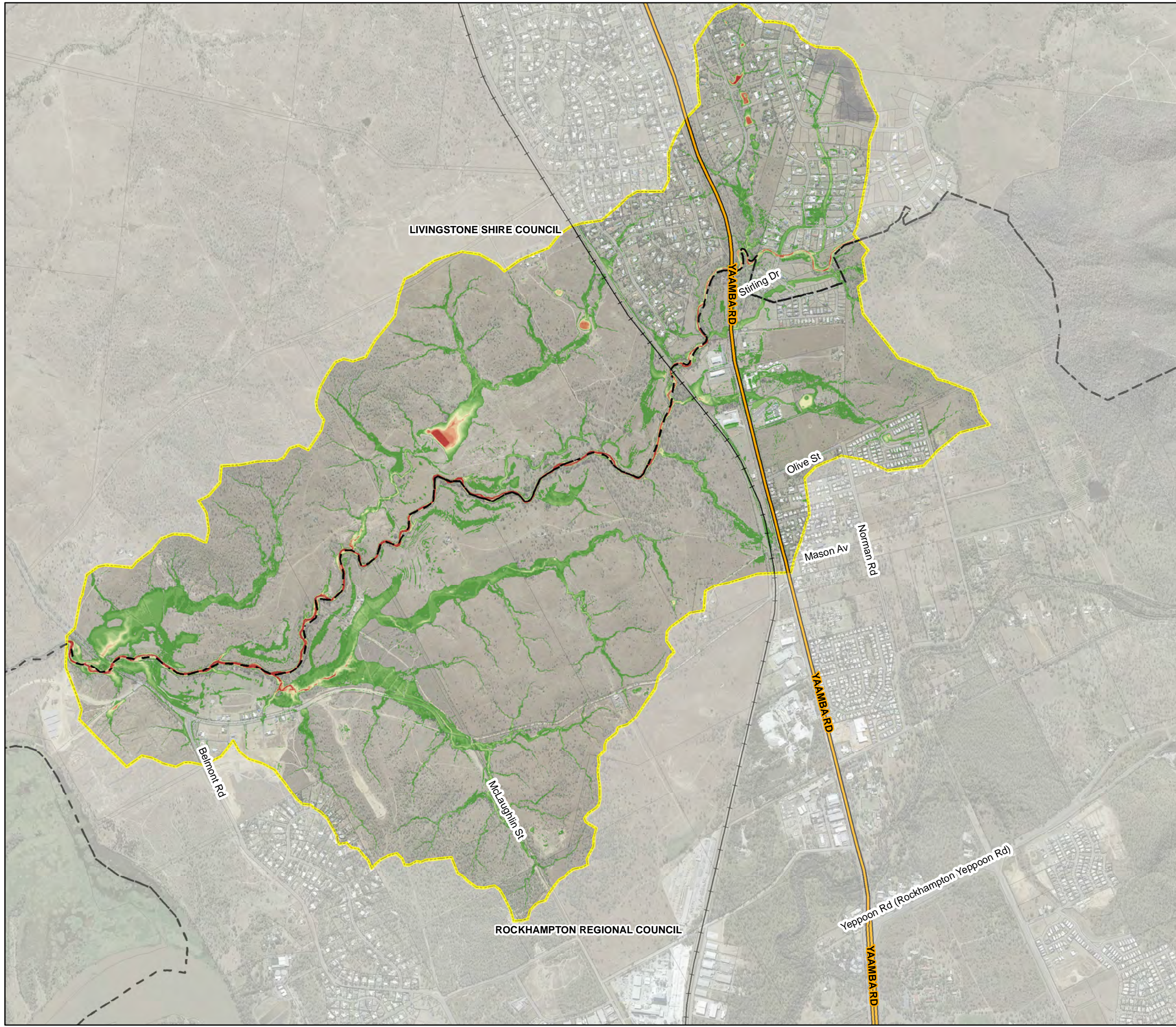
18% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaullybj  
LAST MODIFIED13/06/2017  
VERSION:1

**Map  
RC-21**



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0 200 400 600 800 1,000

Metres

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**LEGEND**

— Highways

—+— Railway Lines

— Cadastre

- - - Local Government Boundary

— Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths

10% AEP 90min Storm Event

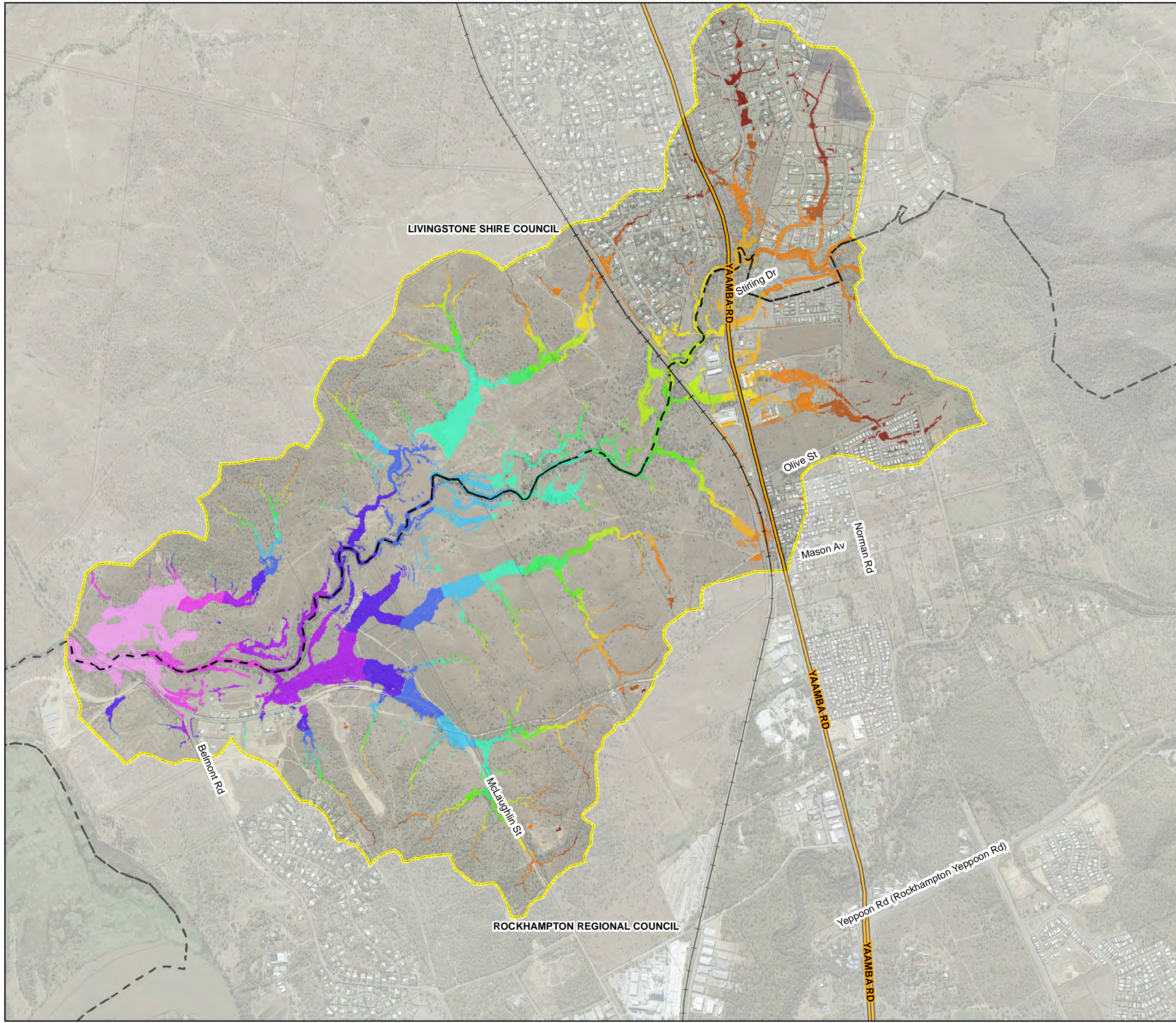
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1



**Map**

**RC-22**

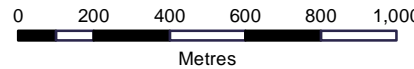


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DATUM GDA 1994, PROJECTION MGA ZONE 56



0 200 400 600 800 1,000  
Metres

1:20,000  
(when printed at A3)



**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Heights

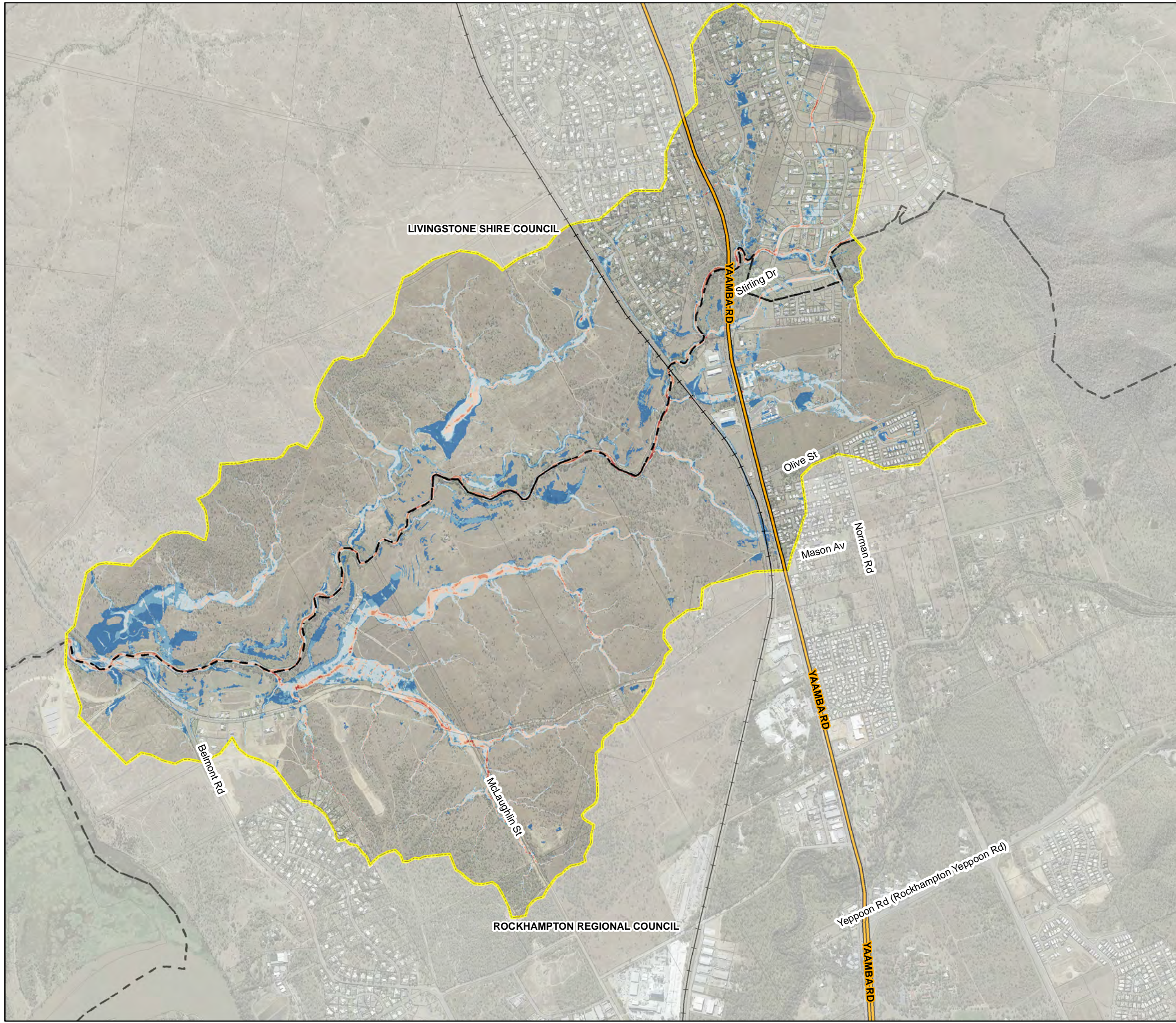
10% AEP 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-23



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0 200 400 600 800 1,000

Metres

1:20,000  
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**LEGEND**

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Hydraulic Model Extent
- Local Government Boundary

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

10% AEP 90min Storm Event

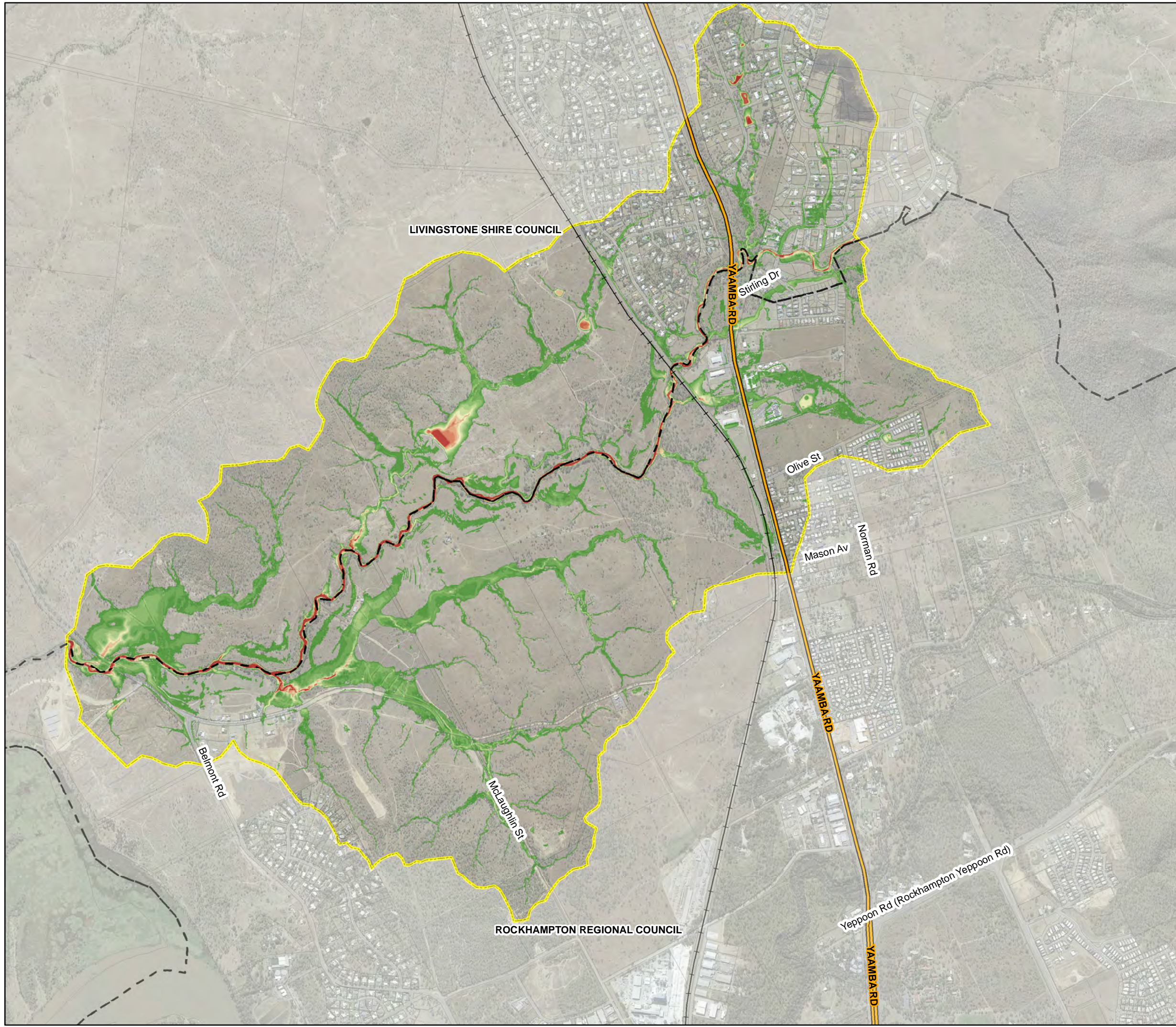
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-24**



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0 200 400 600 800 1,000

Metres

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**LEGEND**

— Highways

—+— Railway Lines

— Cadastre

- - - Local Government Boundary

— Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths

5% AEP 90min Storm Event

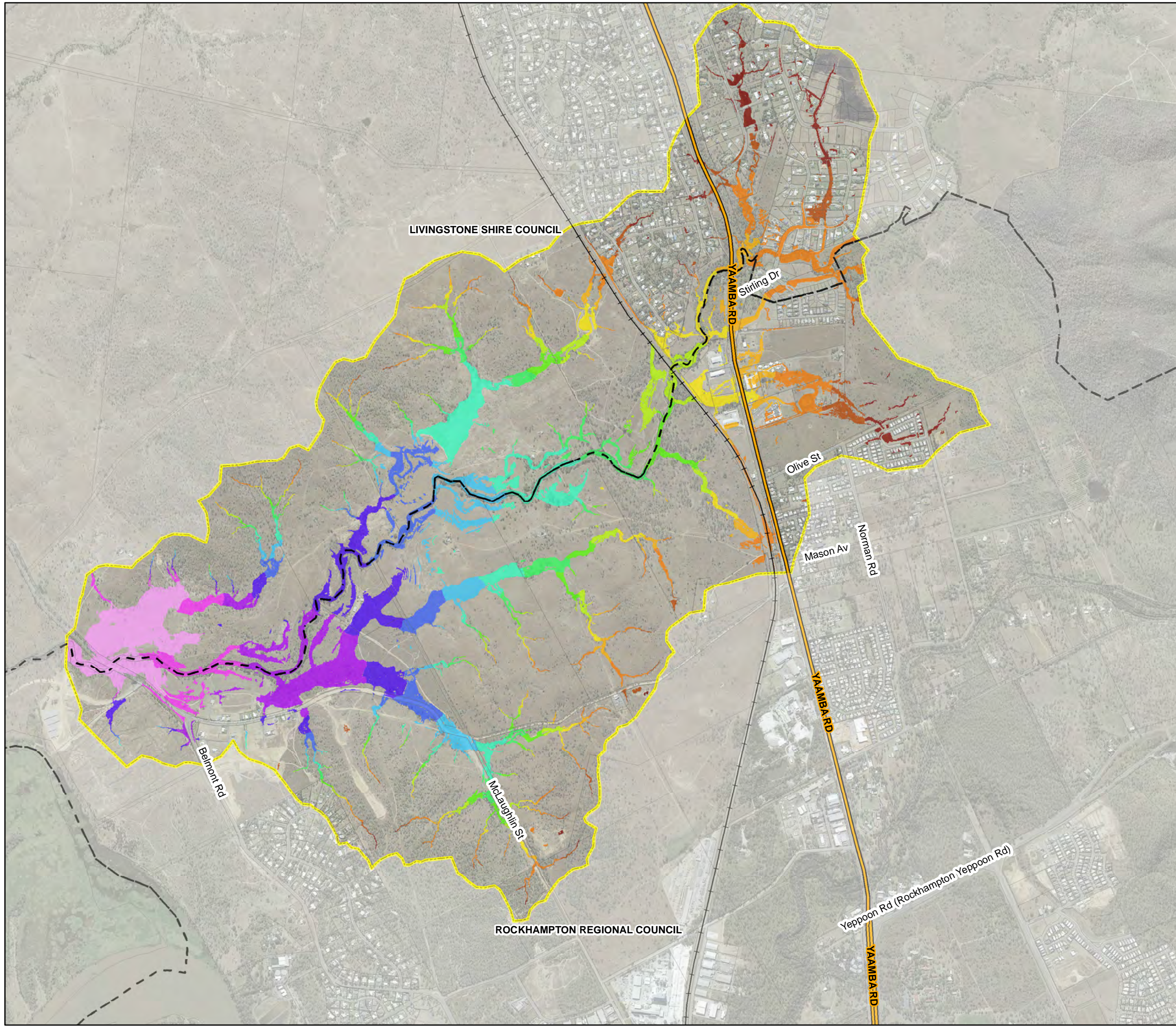
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-25**



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02004006008001,000

Metres

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

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<sup>2</sup> Min. Area

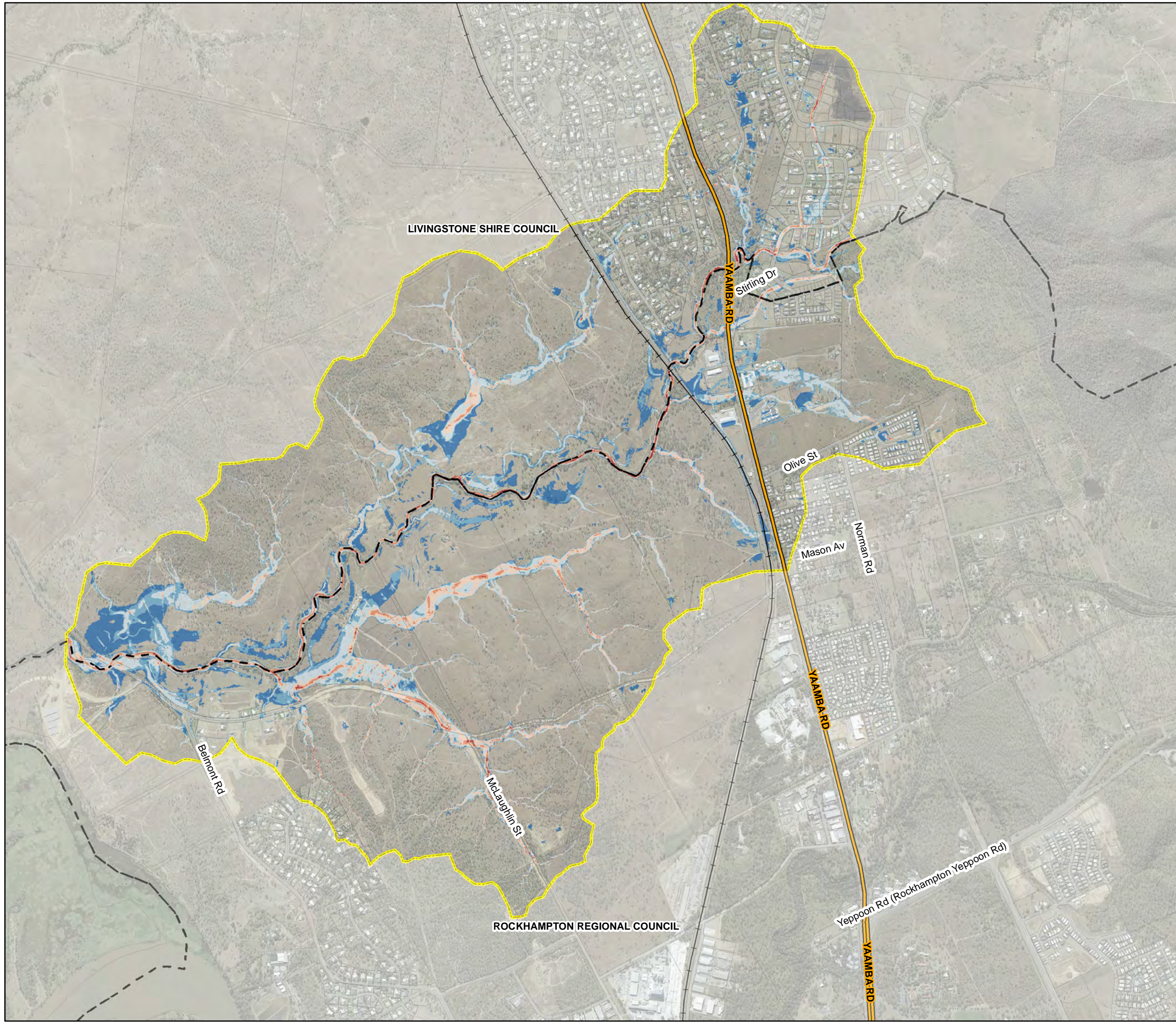
Ramsay Creek Model  
Baseline Peak Flood Heights  
  
5% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

Map  
RC-26



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0 200 400 600 800 1,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

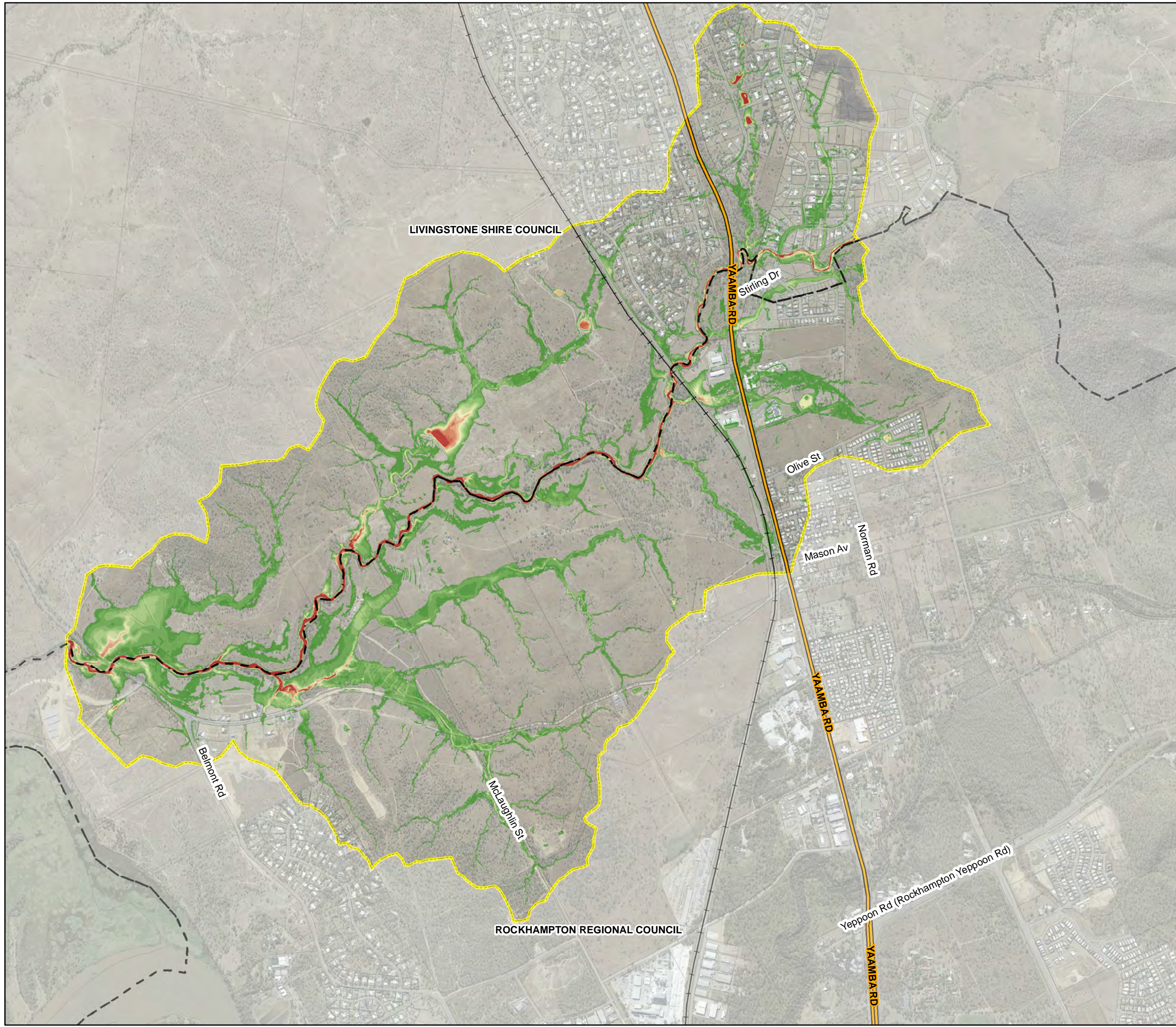
5% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-27



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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
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths

2% AEP 90min Storm Event

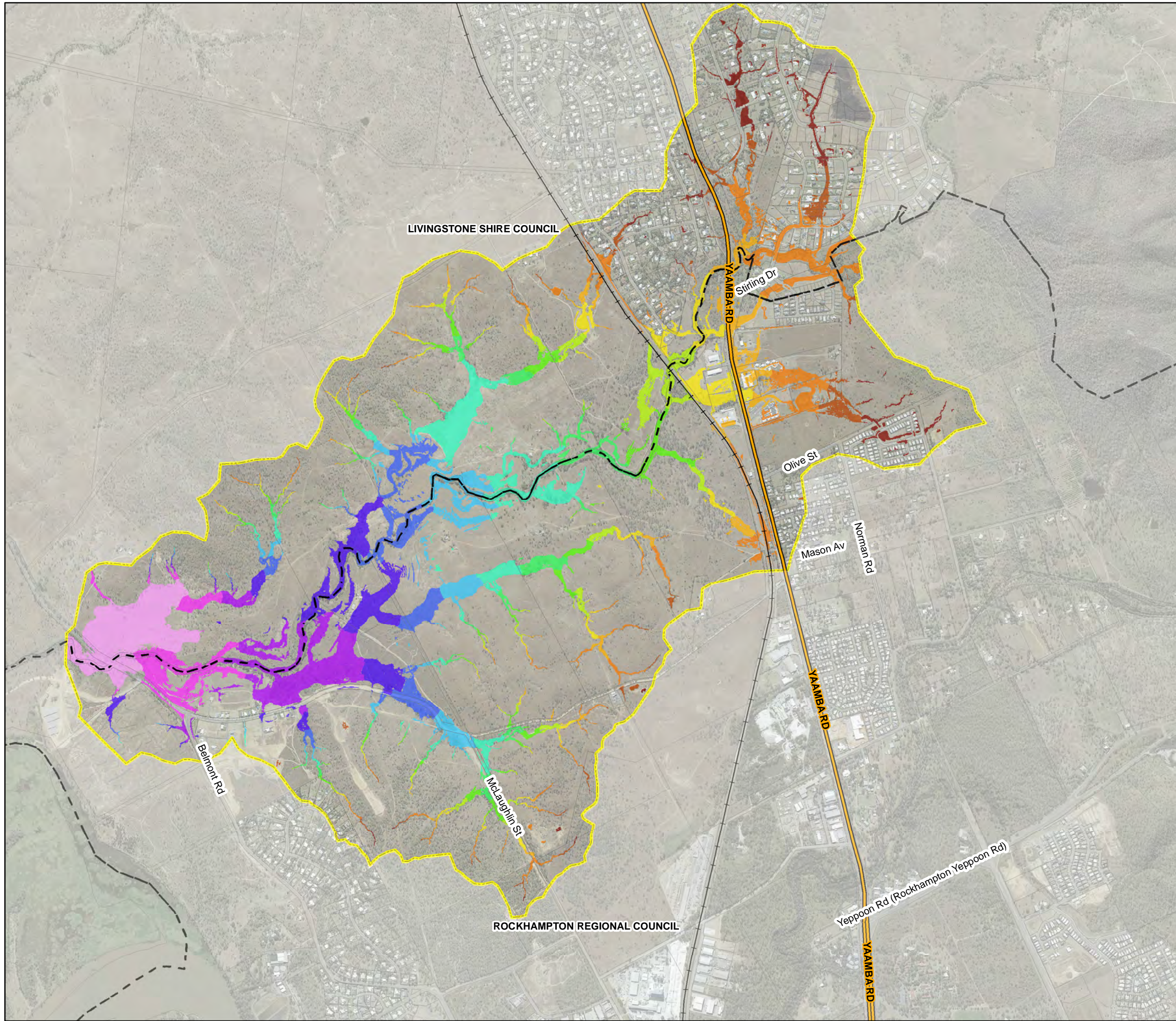
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1



**Map**

**RC-28**



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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
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Heights

2% AEP 90min Storm Event

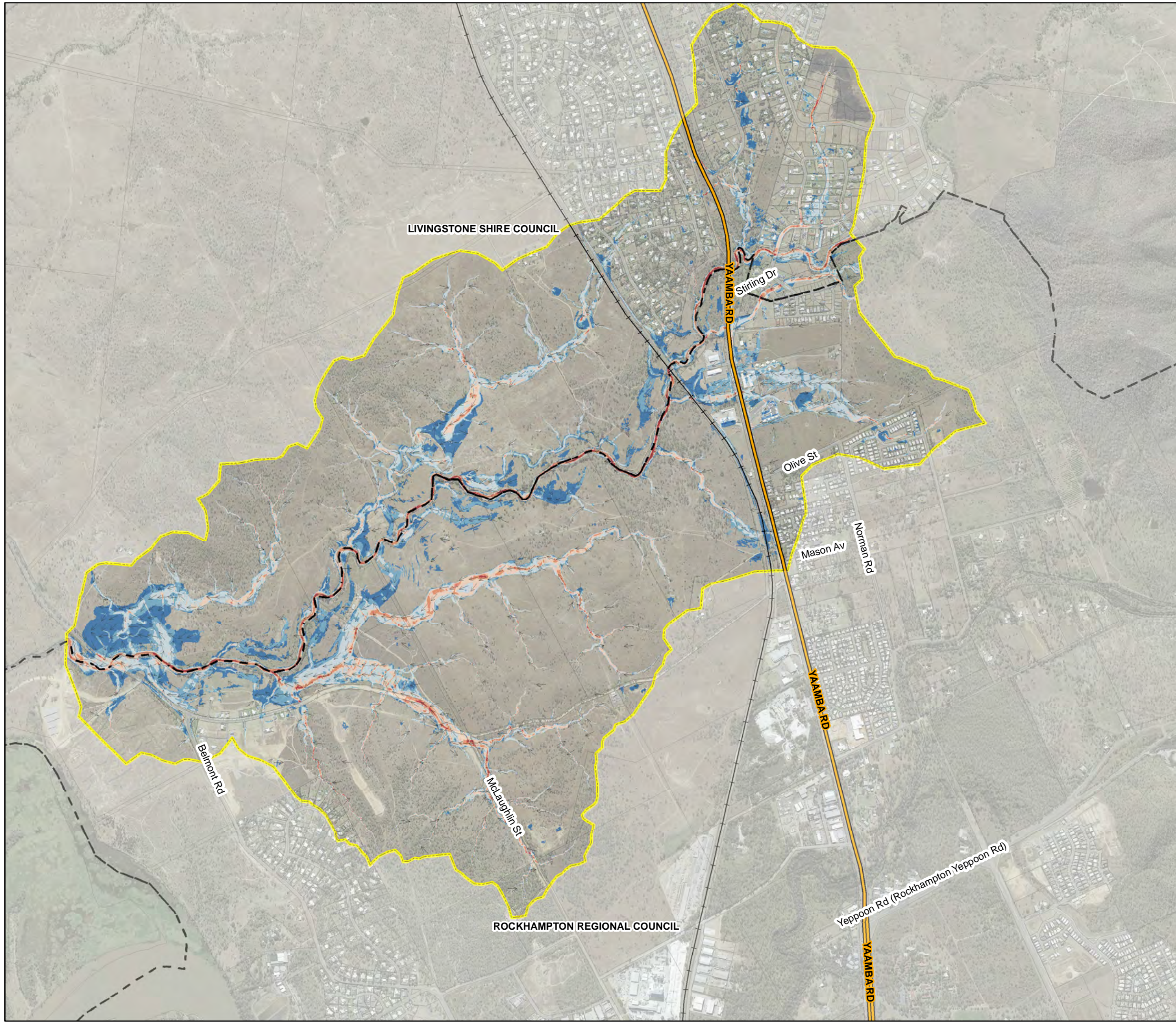
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-29**



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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**

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

2% AEP 90min Storm Event

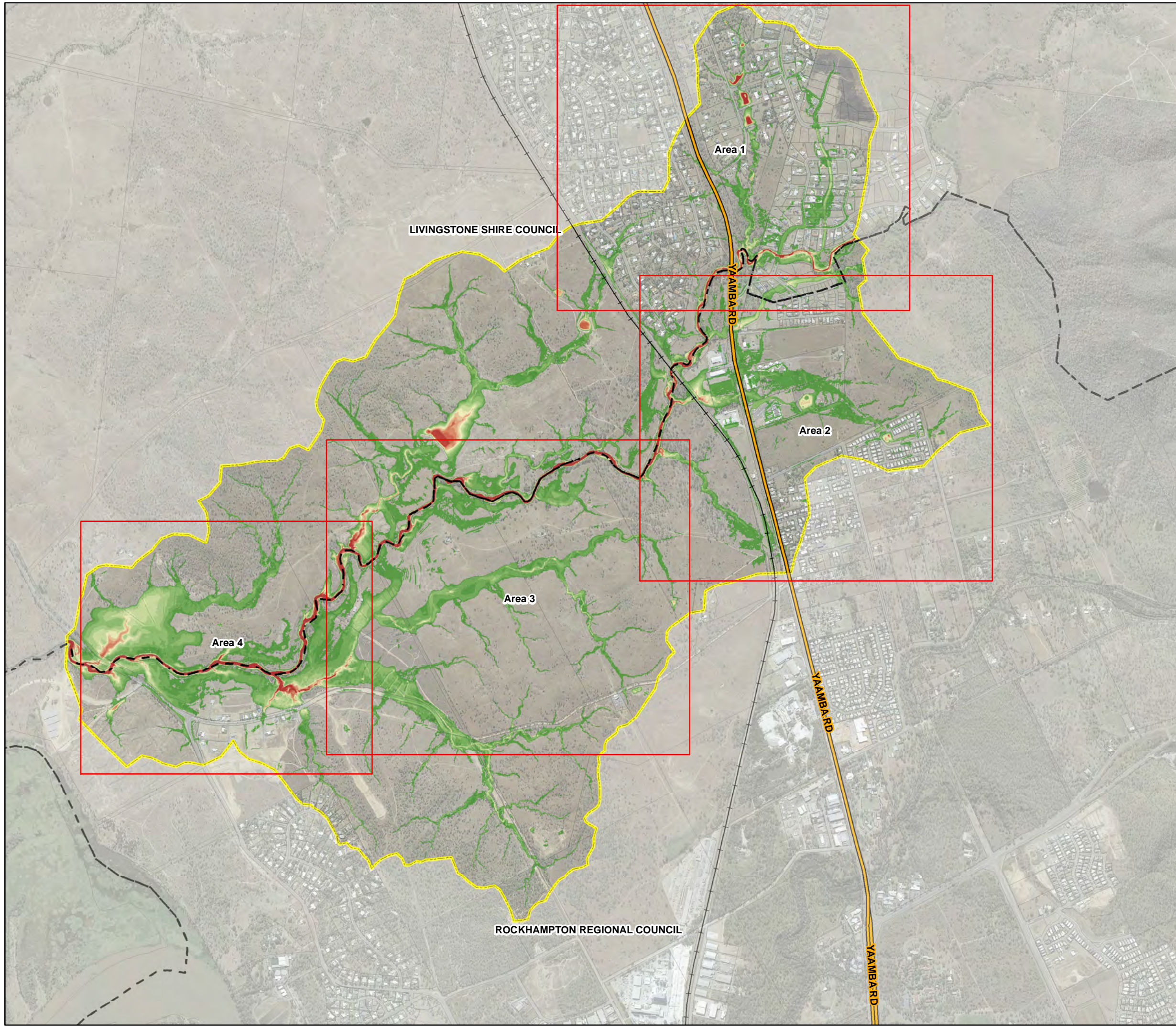
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1



**Map**

**RC-30**



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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**

- Map Extents
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Catchment Overview

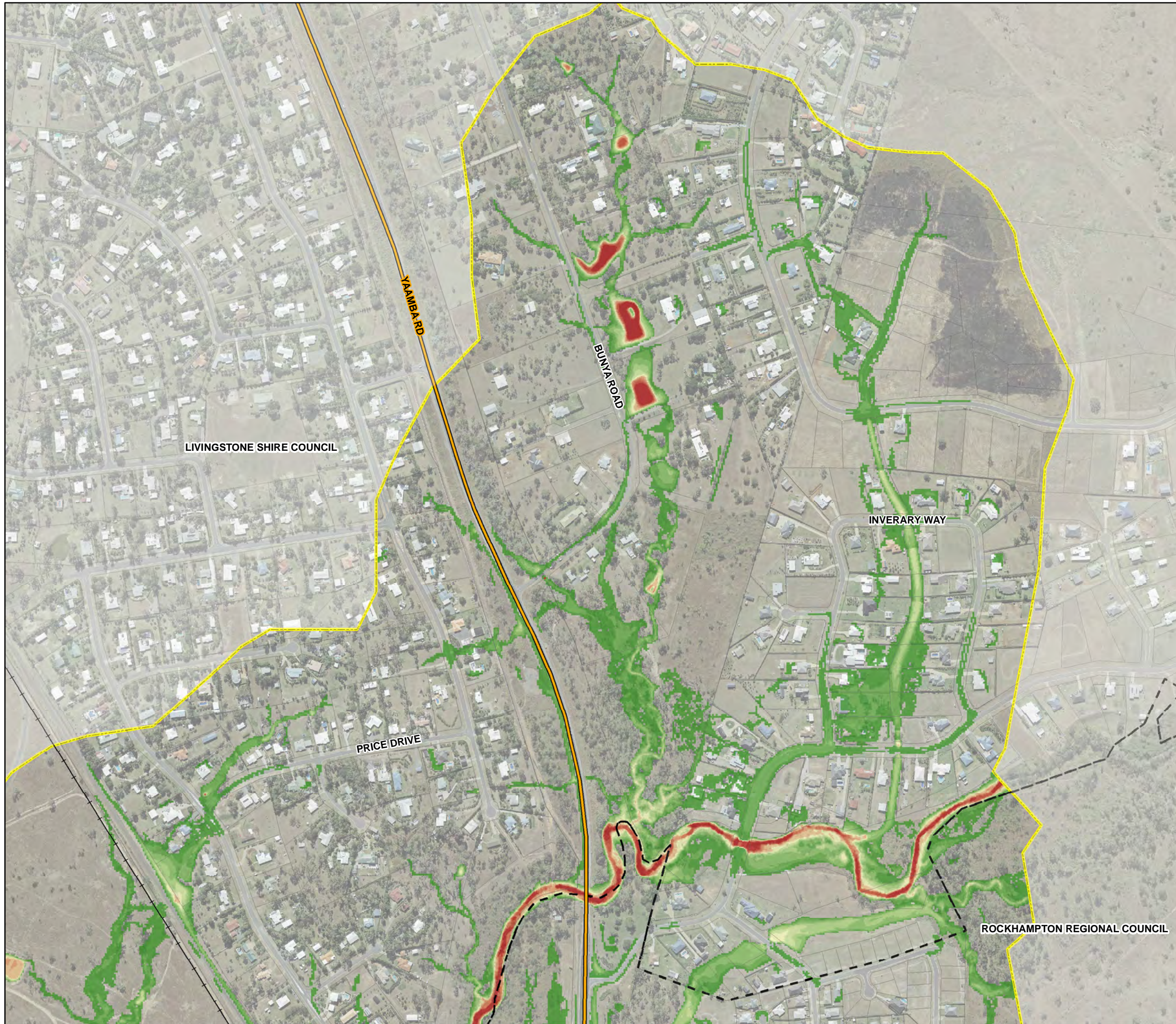
1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**  
**RC-31**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

050100150200250300

Metres

1:6,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area



Ramsay Creek Model  
Peak Flood Depths - Area 1  
  
1% AEP (across multiple storm durations)

PROJECT ID	60534898	<b>Map</b> RC-32
CREATED BY	maulbyj	
LAST MODIFIED	13/06/2017	
VERSION:	1	



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

1:6,000  
(when printed at A3)



**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 2

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**

**RC-33**



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N

Rockhampton  
Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

1:6,000  
(when printed at A3)

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 3

1% AEP (across multiple storm durations)

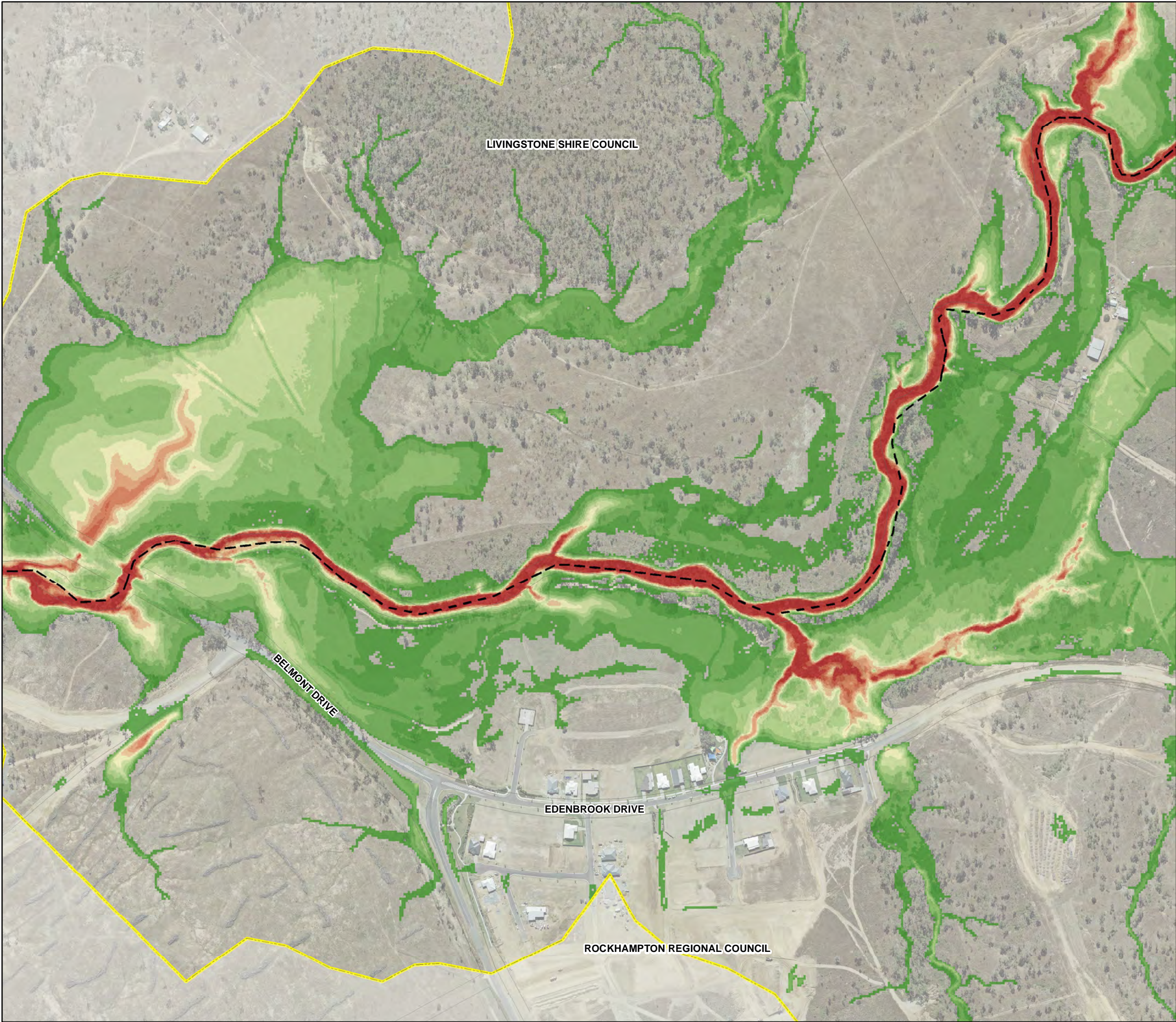
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**

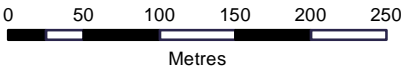
**RC-34**



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1:5,000  
(when printed at A3)



**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Depths - Area 4

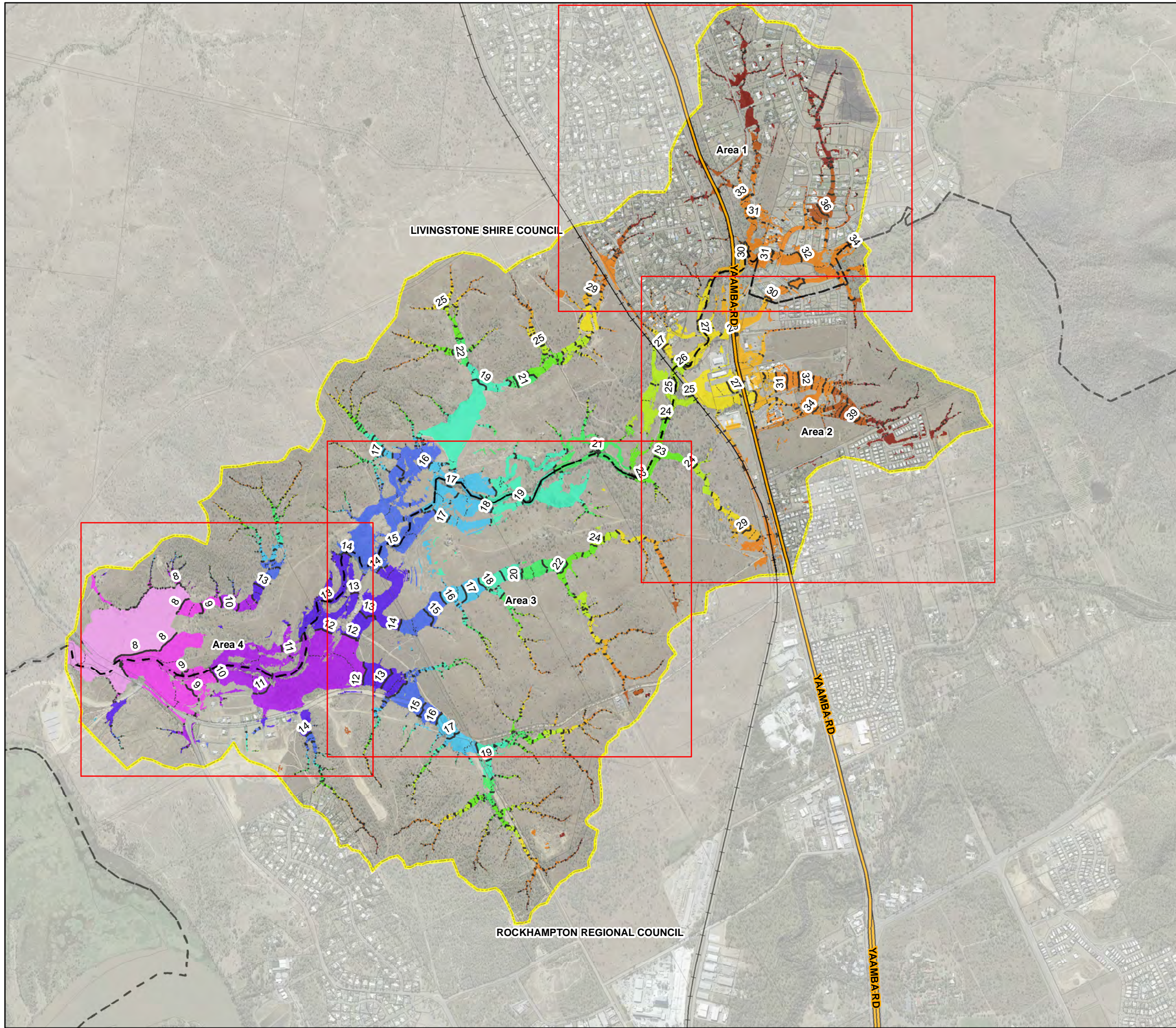
1% AEP (across multiple storm durations)

PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 13/06/2017  
VERSION: 1

**Map**  
**RC-35**



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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**

- Map Extents
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 0.5m Contour
- 1m Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

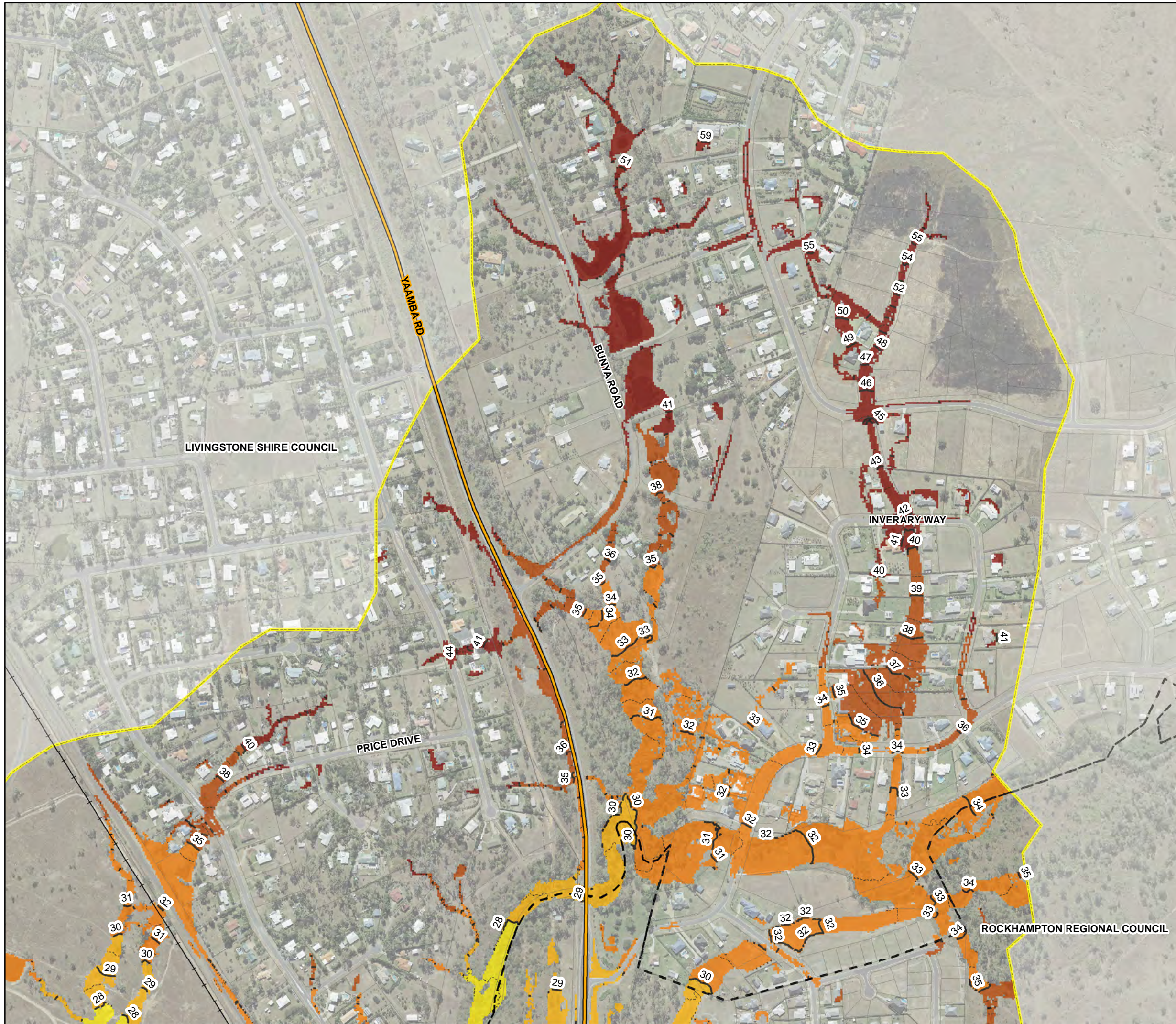
Ramsay Creek Model  
Peak Flood Heights- Catchment Overview



1% AEP (across multiple storm durations)

PROJECT ID	60534898	<b>Map</b> <b>RC-36</b>
CREATED BY	maulbyj	
LAST MODIFIED	5/07/2017	
VERSION:	1	

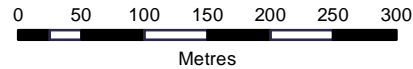


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DATUM GDA 1994, PROJECTION MGA ZONE 56



0 50 100 150 200 250 300  
Metres

1:6,000  
(when printed at A3)



**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 0.5m Contour
- 1m Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Heights - Area 1

1% AEP (across multiple storm durations)

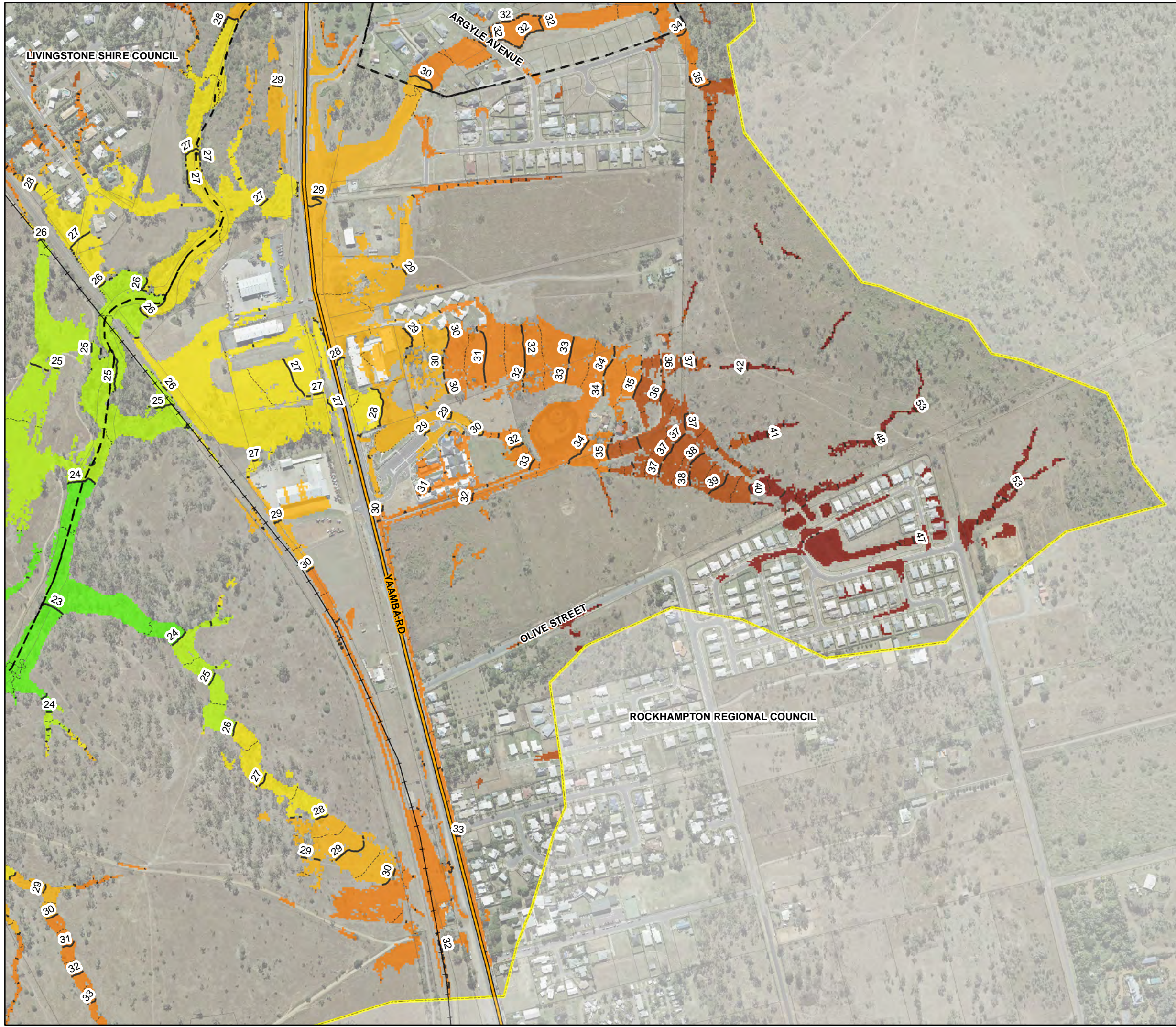
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	5/07/2017
VERSION:	1

**Map**

**RC-37**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

1:6,000  
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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 0.5m Contour
- 1m Contour

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Heights - Area 2

1% AEP (across multiple storm durations)

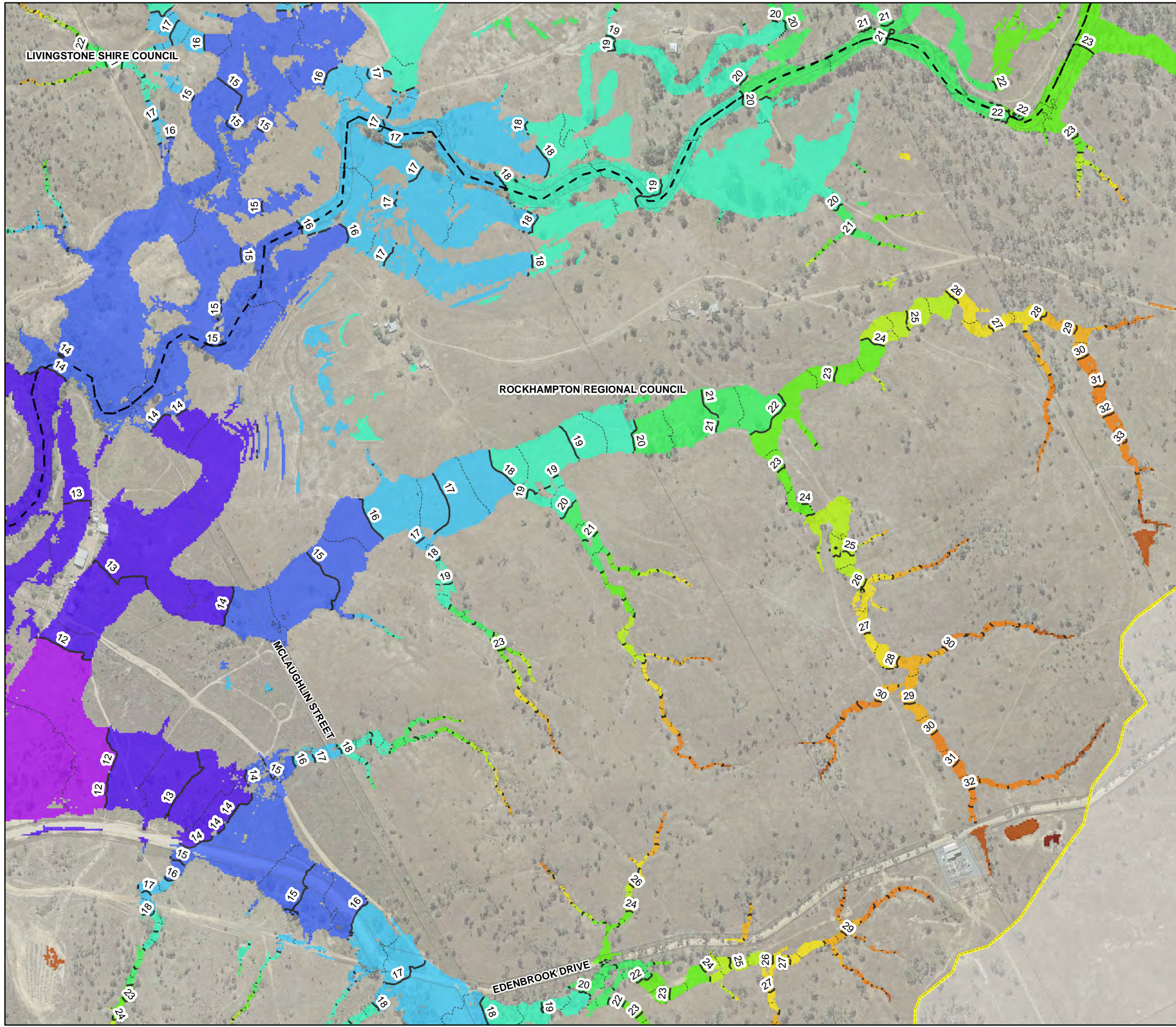
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	5/07/2017
VERSION:	1



**Map**

**RC-38**

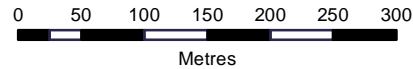


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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent
- 0.5m Contour
- 1m Contour

**Baseline Peak Flood Height (mAHd)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Flood Heights - Area 3

1% AEP (across multiple storm durations)

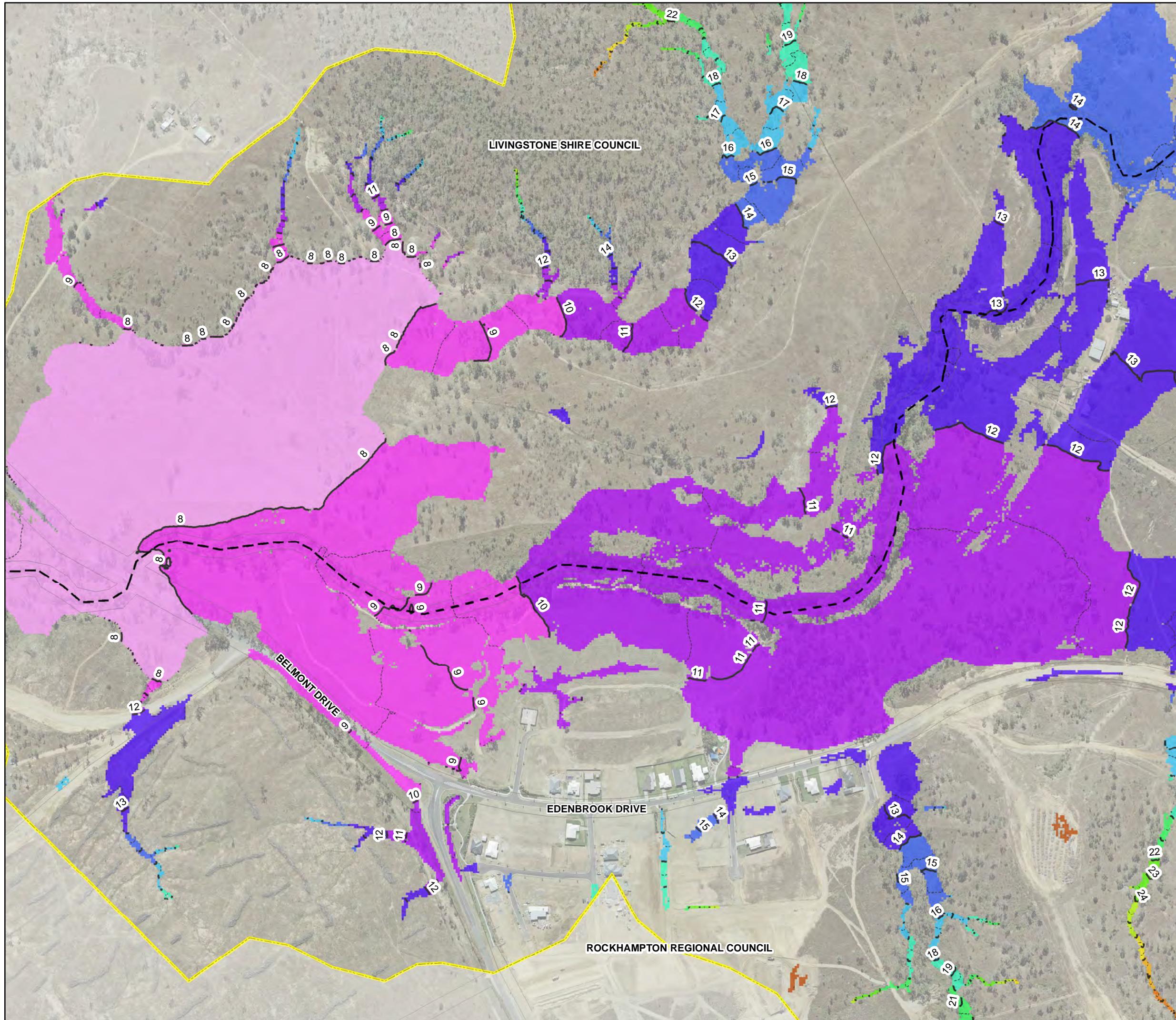
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**

**RC-39**



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**Rockhampton**  
Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250  
Metres

1:5,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

0.5m Contour

1m Contour

**Baseline Peak Flood Height (mAHd)**

< 6.00

6.01 - 8.00

8.01 - 10.00

10.01 - 12.00

12.01 - 14.00

14.01 - 16.00

16.01 - 18.00

18.01 - 20.00

20.01 - 22.00

22.01 - 24.00

24.01 - 26.00

26.01 - 28.00

28.01 - 30.00

30.01 - 35.00

35.01 - 40.00

> 40.00

**Flood results are based  
on local catchment events**

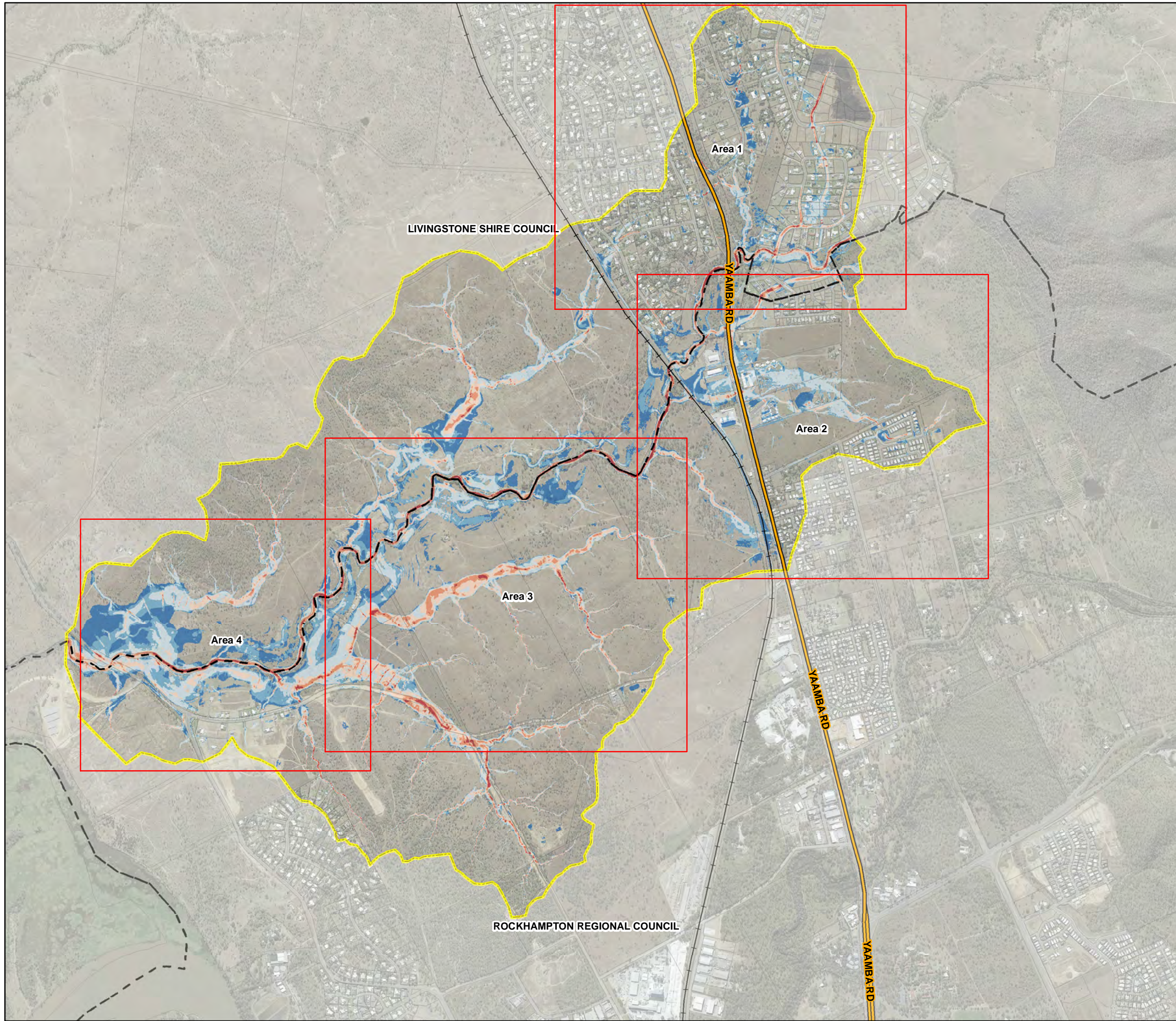
Data Sources:  
DCDB (c) 2016 QLD Government  
Imagery (c) 2016 RRCResults Filtering:  
75mm Min. Depth  
100m<sup>2</sup> Min. AreaRamsay Creek Model  
Peak Flood Heights - Area 4  
  
1% AEP (across multiple storm durations)



PROJECT ID60534898  
CREATED BYmaullybj  
LAST MODIFIED13/06/2017  
VERSION:1

**Map**  
**RC-40**



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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**

- Map Extents
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Catchment Overview

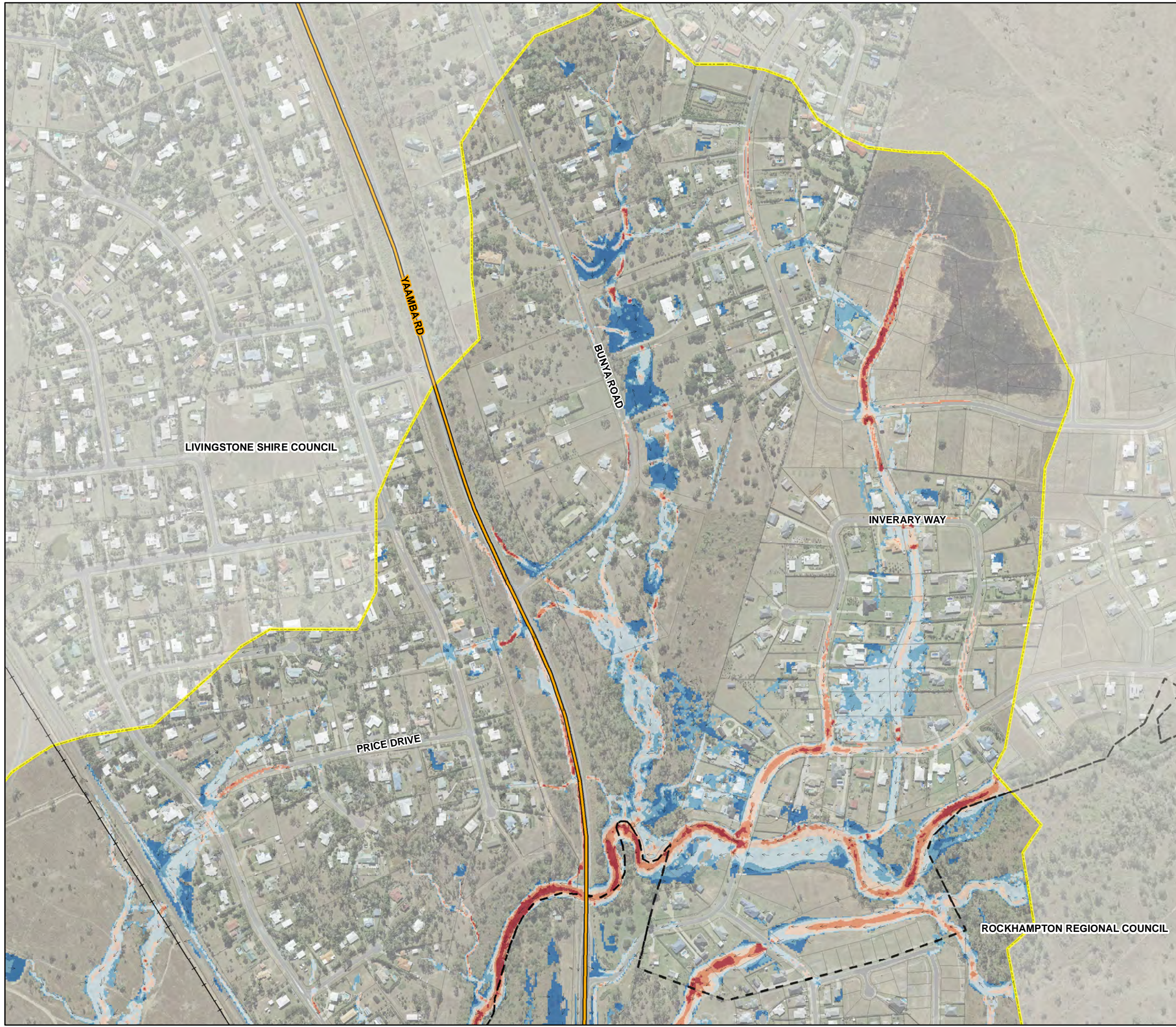
1% AEP (across multiple storm durations)



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**  
**RC-41**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

1:6,000  
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**LEGEND**

- ↑ Flow Direction
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
PeakDepth Averaged Flood Velocity  
Area 1

1% AEP (across multiple storm durations)

PROJECT ID	60534898
CREATED BY	maullyj
LAST MODIFIED	13/06/2017
VERSION:	1



**Map**

**RC-42**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250 300

Metres

1:6,000  
(when printed at A3)



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**LEGEND**

- ↑ Flow Direction
- Highways
- +— Railway Lines
- Cadastre
- - - Local Government Boundary
- ▭ Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 2

1% AEP (across multiple storm durations)

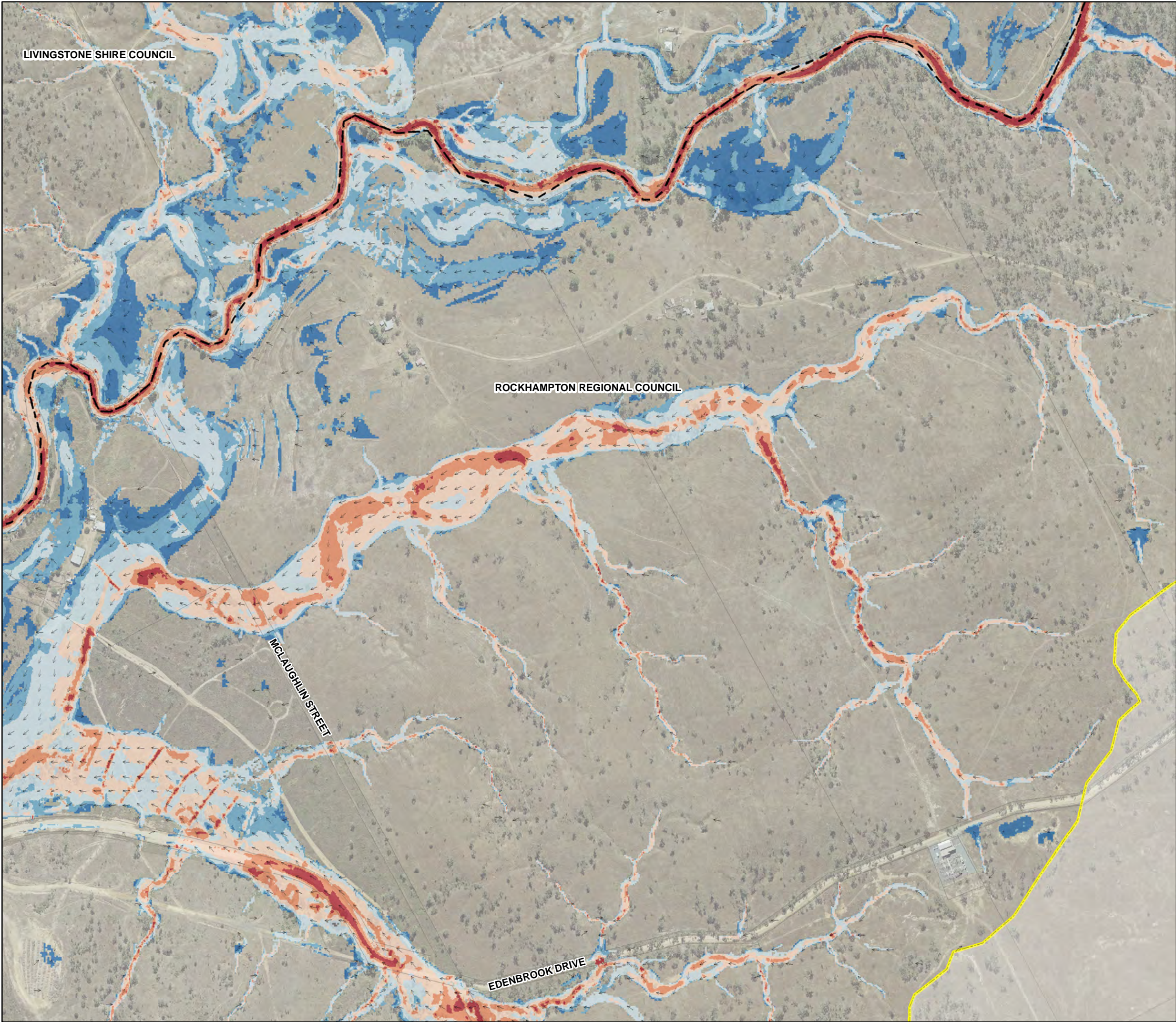
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**

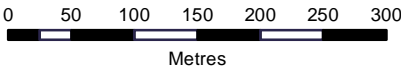
**RC-43**



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1:6,000  
(when printed at A3)



LEGEND

- ↑ Flow Direction
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 3

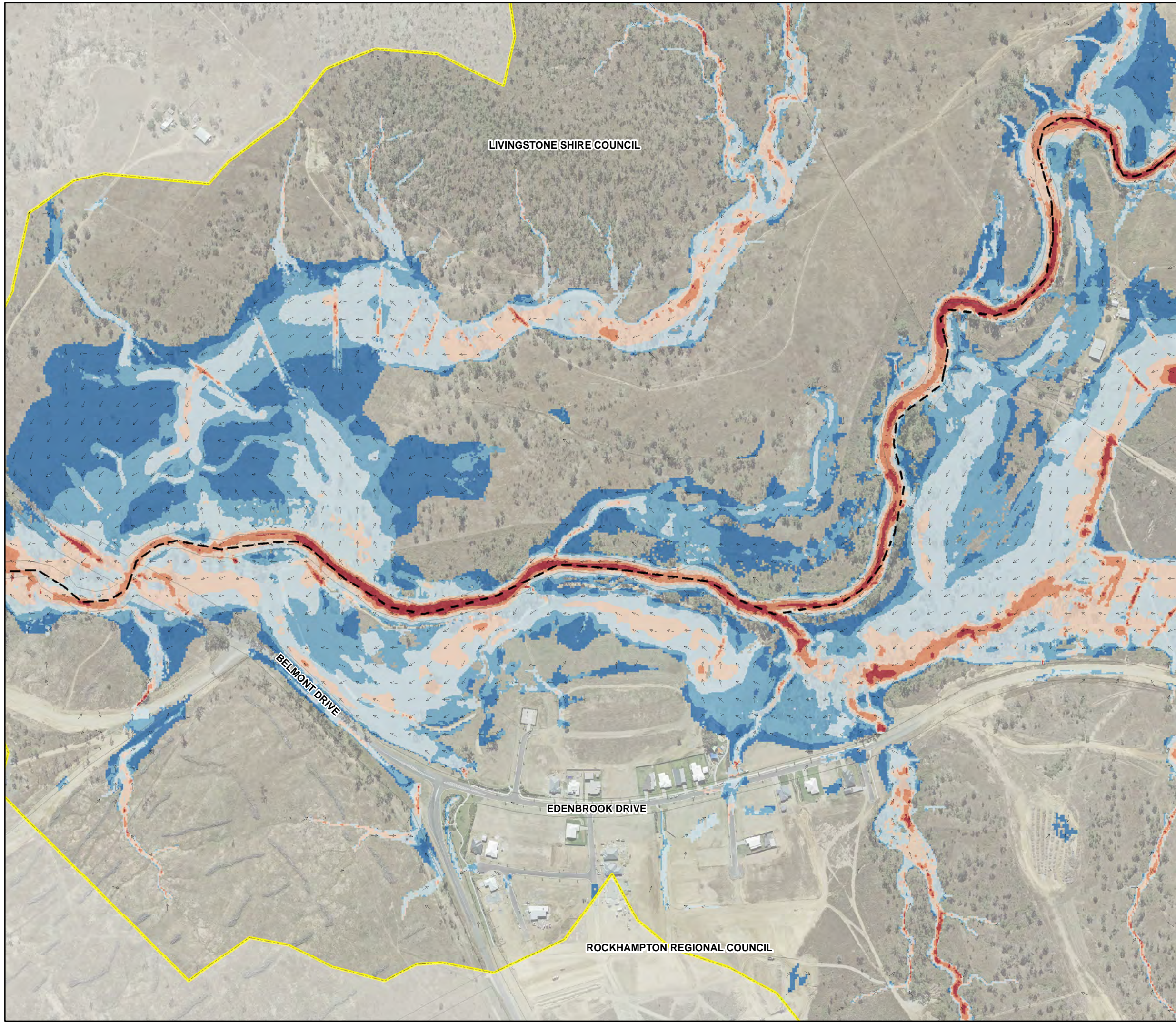
1% AEP (across multiple storm durations)

PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 13/06/2017  
VERSION: 1

Map  
RC-44



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DATUM GDA 1994, PROJECTION MGA ZONE 56

0 50 100 150 200 250

Metres

1:5,000  
(when printed at A3)

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**LEGEND**

- ↑ Flow Direction
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Peak Depth Averaged Flood Velocity  
Area 4

1% AEP (across multiple sotrm durations)

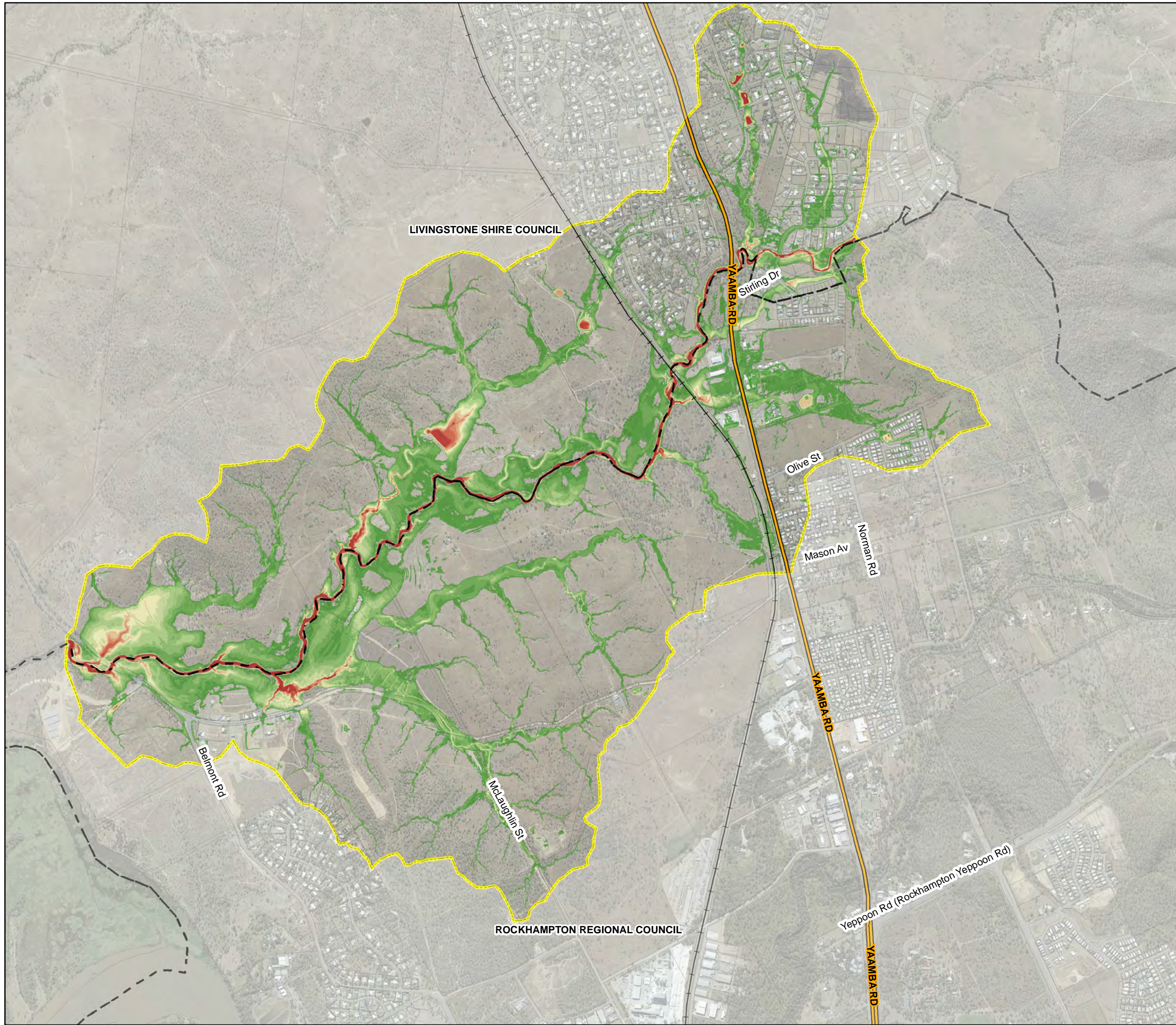
PROJECT ID	60534898
CREATED BY	maullybj
LAST MODIFIED	13/06/2017
VERSION:	1

**Map**

**RC-45**



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N

Rockhampton  
Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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 GovernmentImagery (c) 2016 RRCResults Filtering:75mm Min. Depth100m<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths  
  
0.2% AEP 90min Storm Event

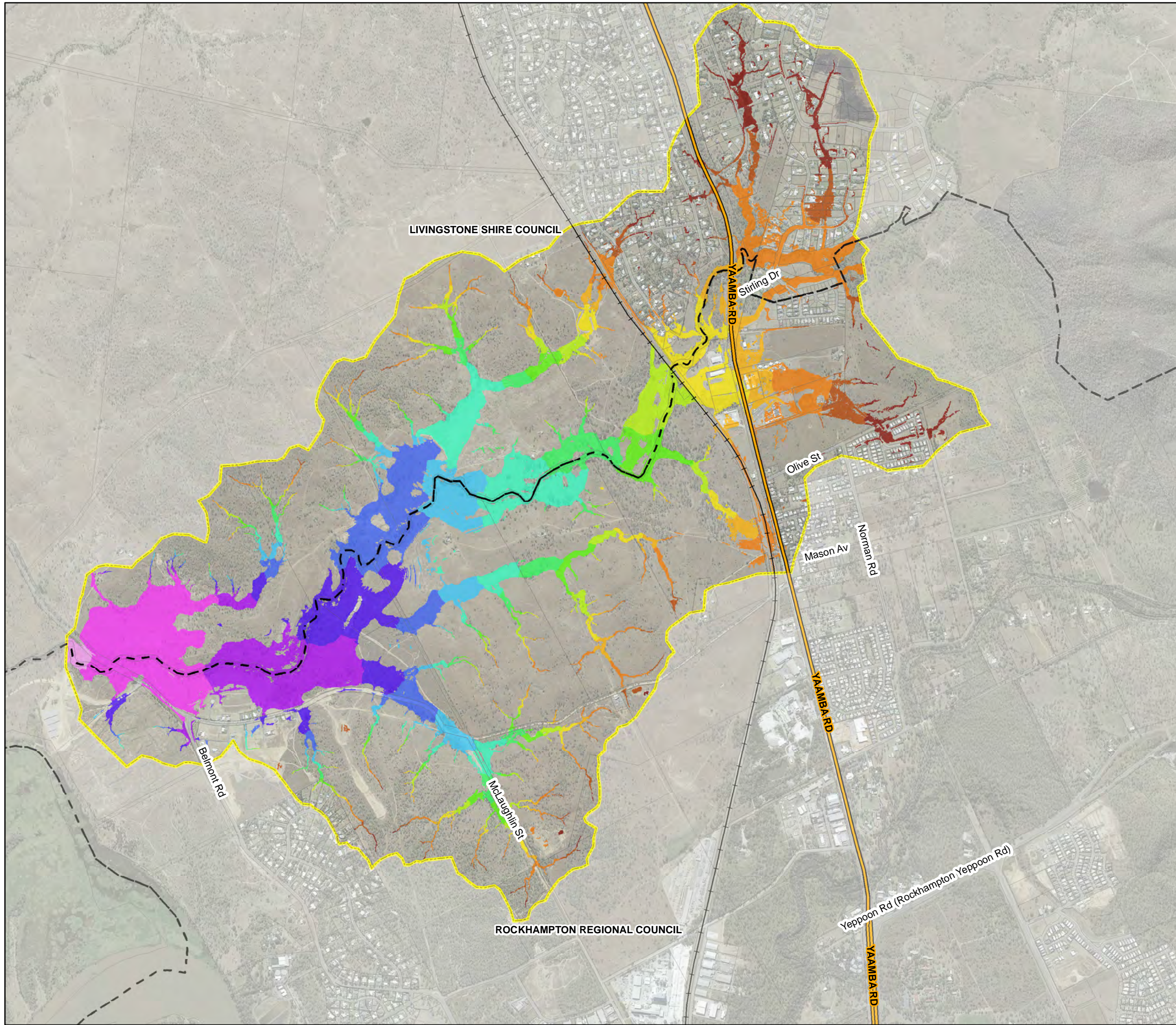
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1



Map  
RC-46

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Ramsay Creek Publishing\Mapping without Insets\RC-46\_Op20AEP\_Depth.mxd



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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
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Heights

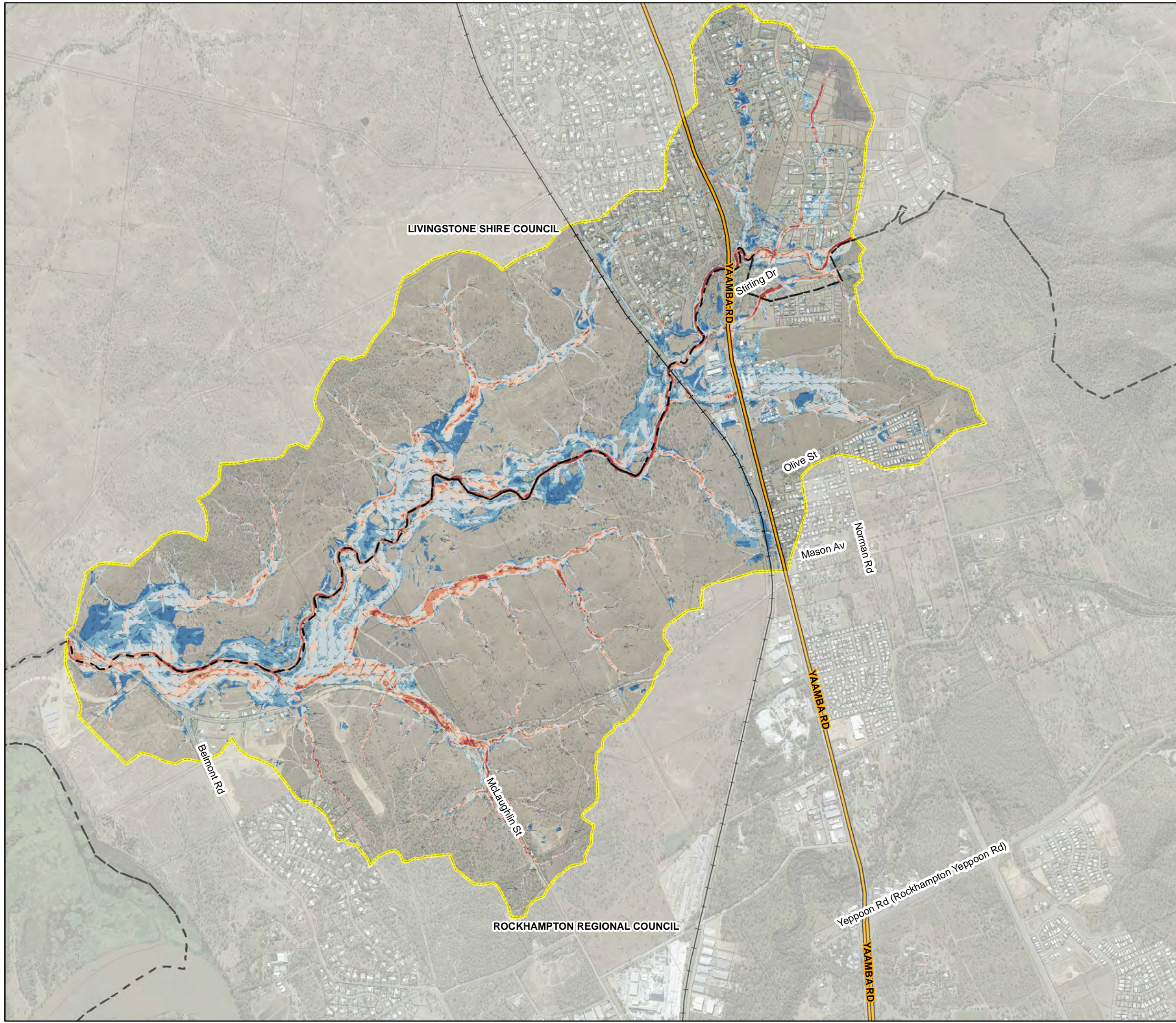
0.2% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-47



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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**

- ↑ Velocity Vectors
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

0.20% AEP 90min Storm Event

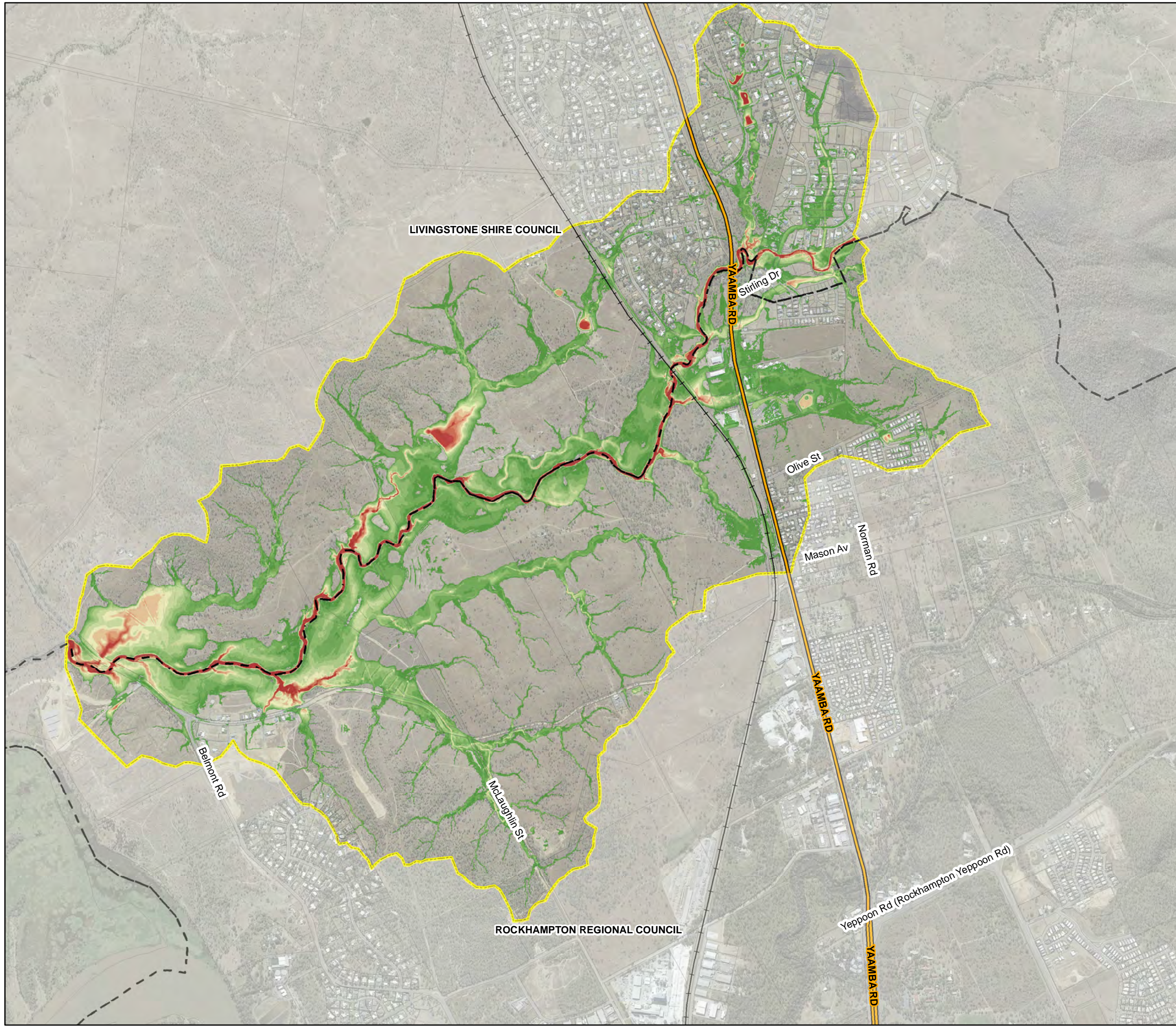
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-48**



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N

Rockhampton  
Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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 GovernmentImagery (c) 2016 RRCResults Filtering:75mm Min. Depth100m² Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths  
  
0.05% AEP 90min Storm Event

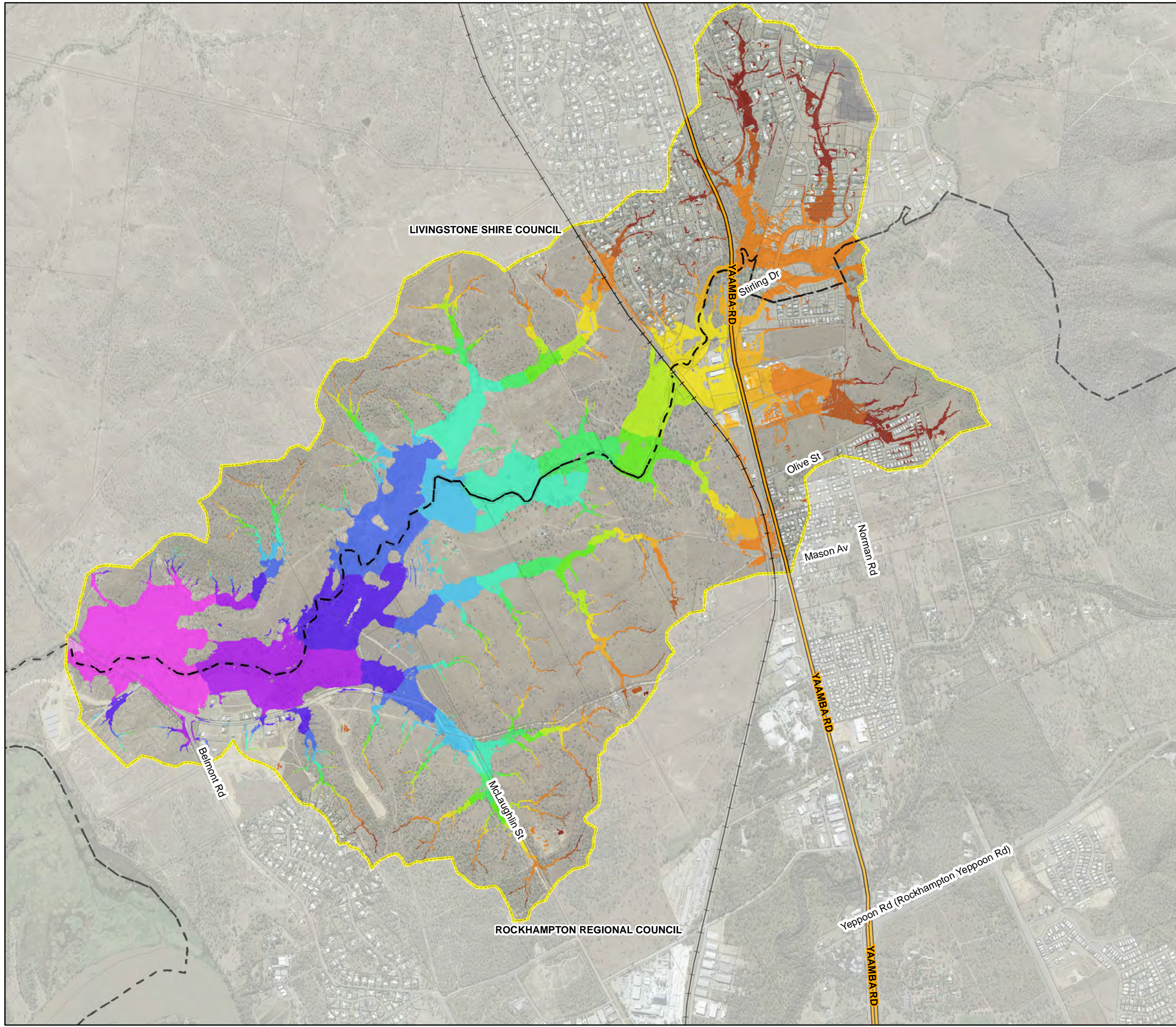
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

Map  
RC-49

Filename: P:\605x\60534898\4. Tech Work Area\4.99 GIS\3. MXDs\Ramsay Creek Publishing\Mapping without Insets\RC-49\_0p05AEP\_Depth.mxd



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N

Rockhampton  
Regional Council

DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

< 6.00
6.01 - 8.00
8.01 - 10.00
10.01 - 12.00
12.01 - 14.00
14.01 - 16.00
16.01 - 18.00
18.01 - 20.00
20.01 - 22.00
22.01 - 24.00
24.01 - 26.00
26.01 - 28.00
28.01 - 30.00
30.01 - 35.00
35.01 - 40.00
> 40.00

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<sup>2</sup> Min. Area

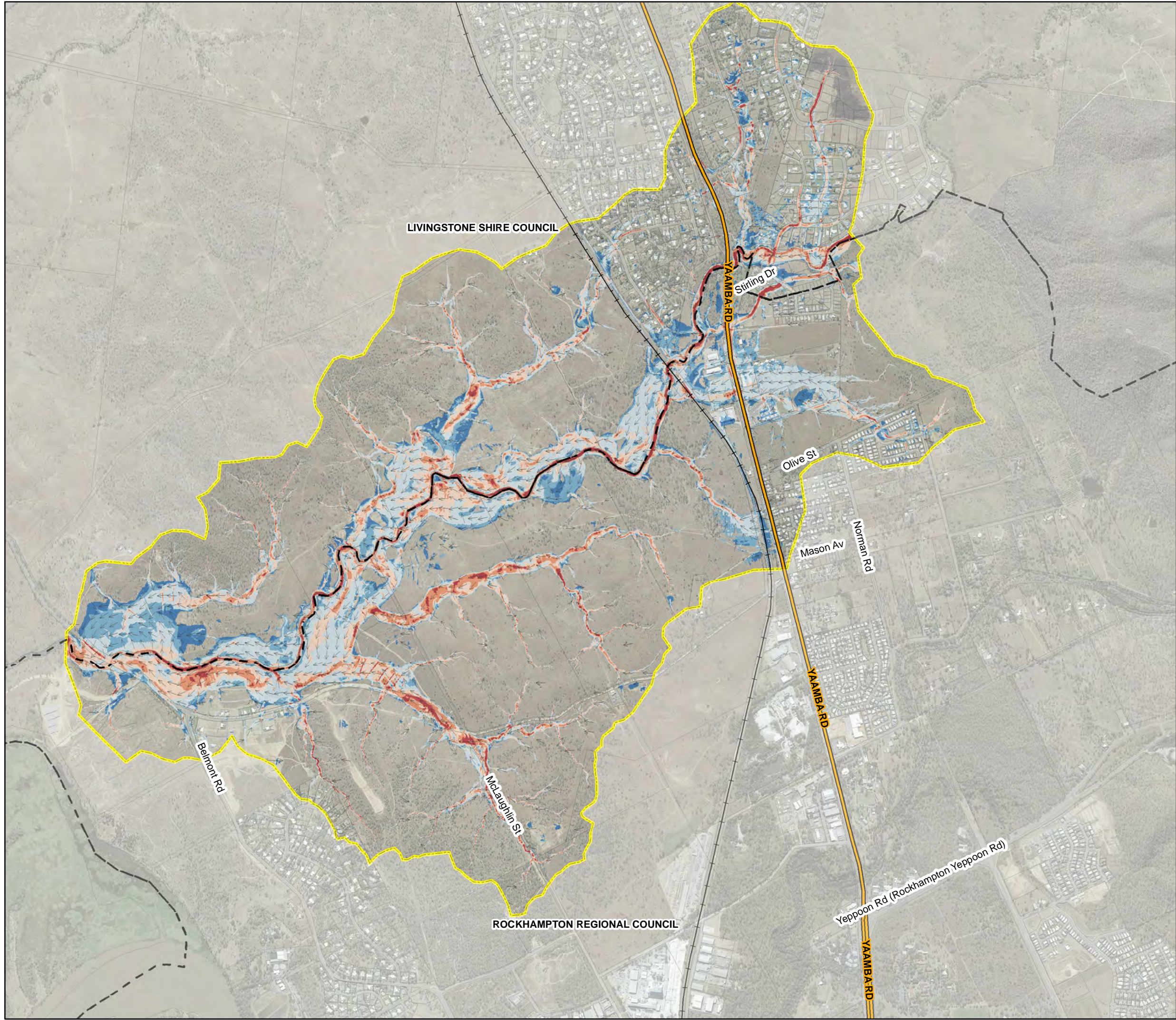
Ramsay Creek Model  
Baseline Peak Flood Heights  
  
0.05% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

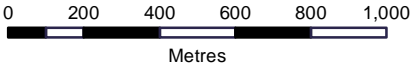
Map  
RC-50



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DATUM GDA 1994, PROJECTION MGA ZONE 56



1:20,000  
(when printed at A3)



#### LEGEND

- ↑ Velocity Vector
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

#### Peak Depth Averaged Velocity (m/s)

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

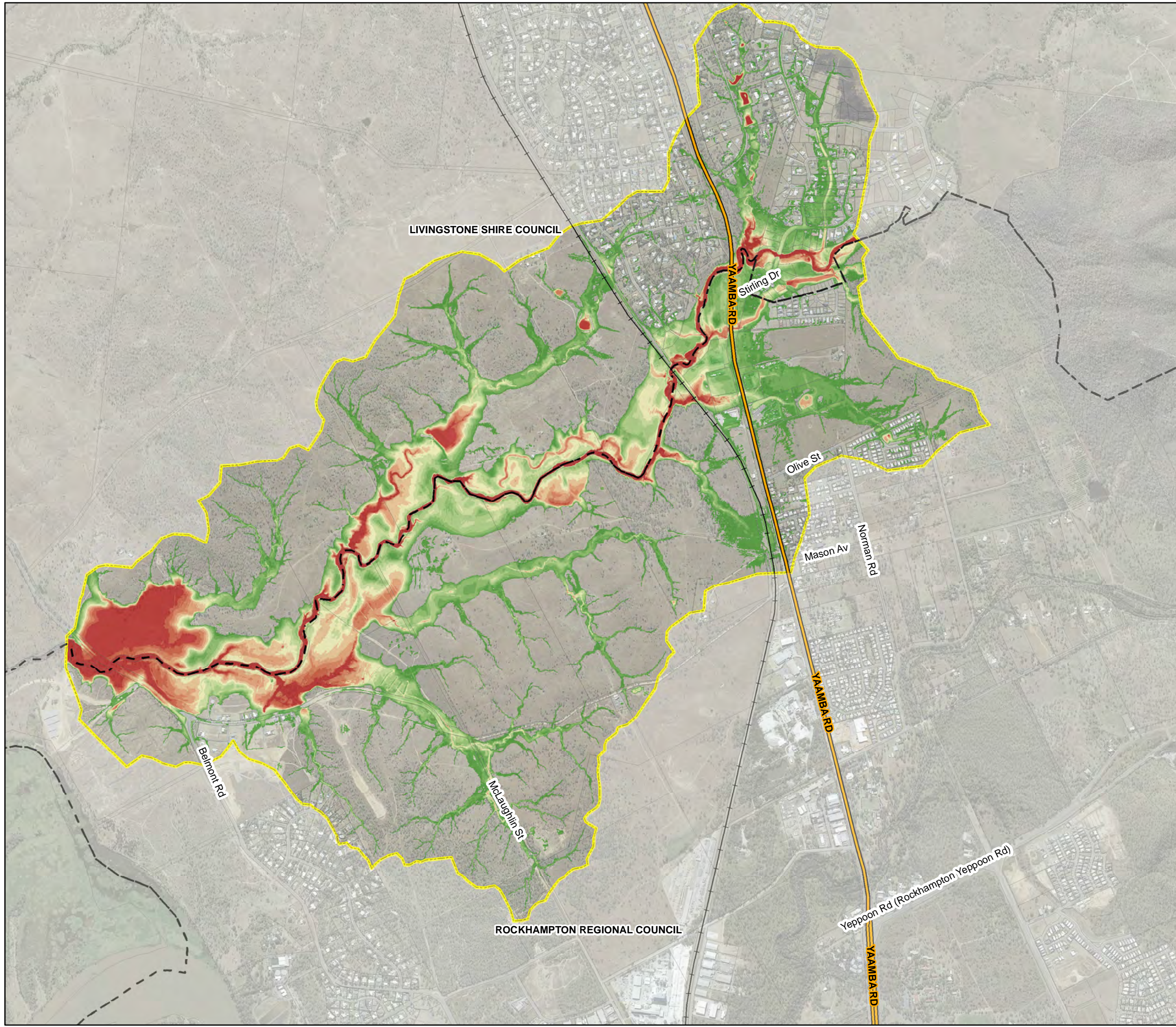
0.05% AEP 90min Storm Event

PROJECT ID 60534898  
CREATED BY maultbyj  
LAST MODIFIED 17/07/2017  
VERSION: 1

Map  
RC-51



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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
- Local Government Boundary
- Hydraulic Model Extent

**Baseline 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Depths

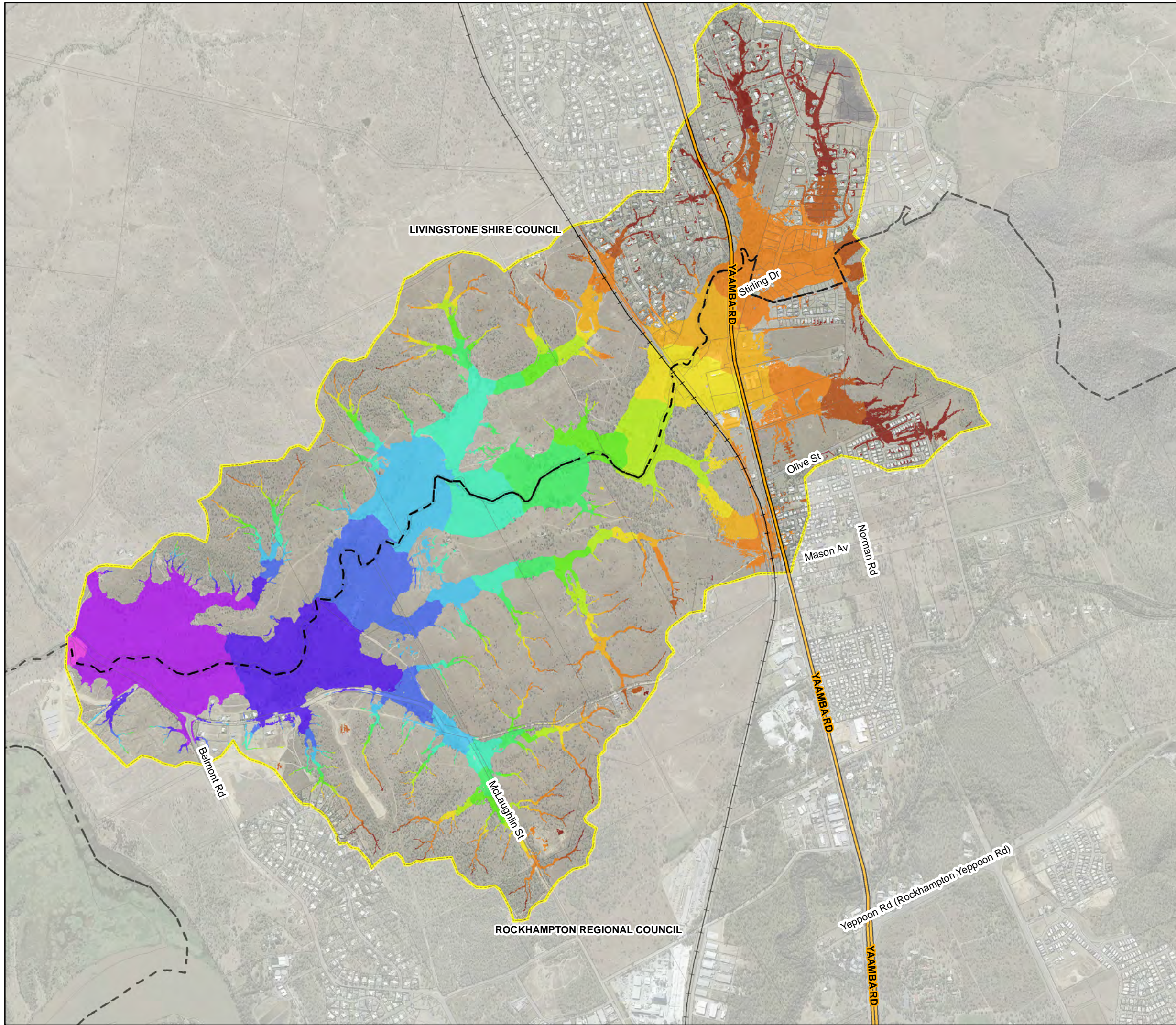
PMF 90min Storm Event


PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-52




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DATUM GDA 1994, PROJECTION MGA ZONE 56  
0 200 400 600 800 1,000  
Metres

1:20,000  
(when printed at A3)

  
www.aecom.com

**LEGEND**

- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Baseline Peak Flood Height (mAHD)**

- < 6.00
- 6.01 - 8.00
- 8.01 - 10.00
- 10.01 - 12.00
- 12.01 - 14.00
- 14.01 - 16.00
- 16.01 - 18.00
- 18.01 - 20.00
- 20.01 - 22.00
- 22.01 - 24.00
- 24.01 - 26.00
- 26.01 - 28.00
- 28.01 - 30.00
- 30.01 - 35.00
- 35.01 - 40.00
- > 40.00

**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<sup>2</sup> Min. Area

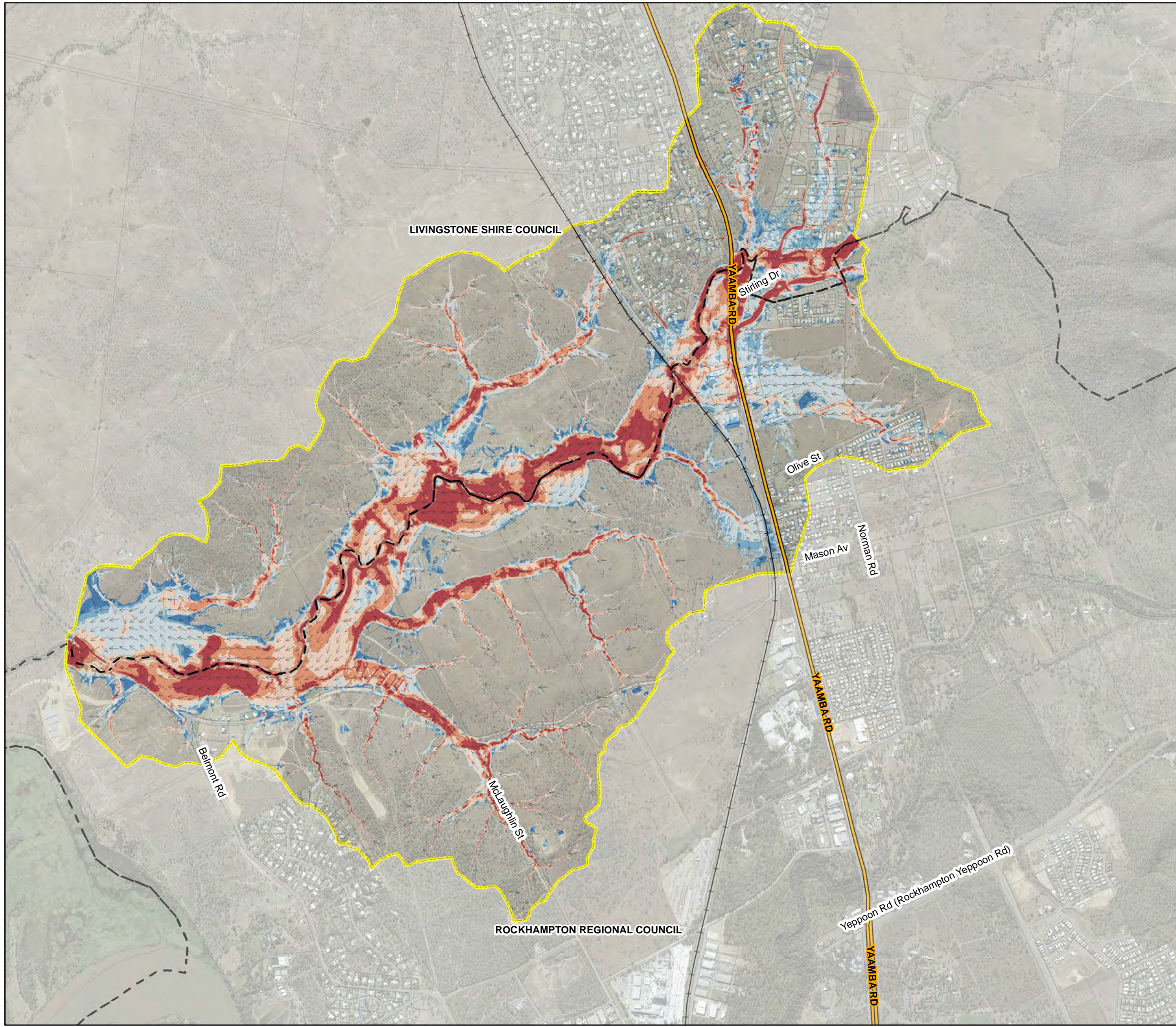
Ramsay Creek Model  
Baseline Peak Flood Heights



PMF 90min Storm Event

PROJECT ID	60534898	<b>Map</b> <b>RC-53</b>
CREATED BY	maulbyj	
LAST MODIFIED	17/07/2017	
VERSION:	1	



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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**

- ↑ Velocity Vector
- Highways
- +— Railway Lines
- Cadastre
- - - Local Government Boundary
- Hydraulic Model Extent

**Peak Depth Averaged Velocity (m/s)**

- < 0.25
- 0.25 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- > 2.00

**DRAFT**

**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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Depth Averaged Velocities

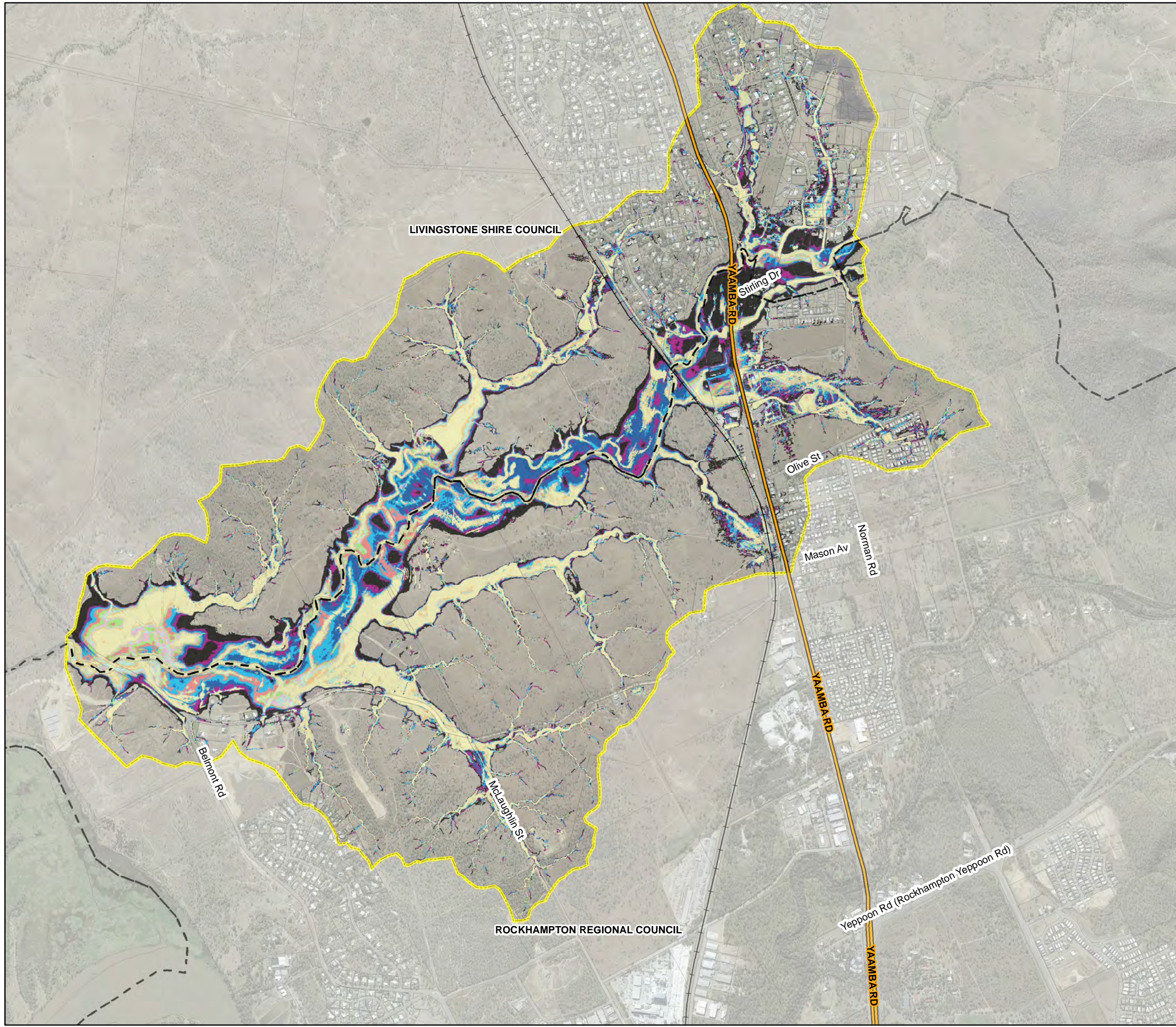
PMF 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-54



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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
- Local Government Boundary
- 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Baseline Peak Flood Extent

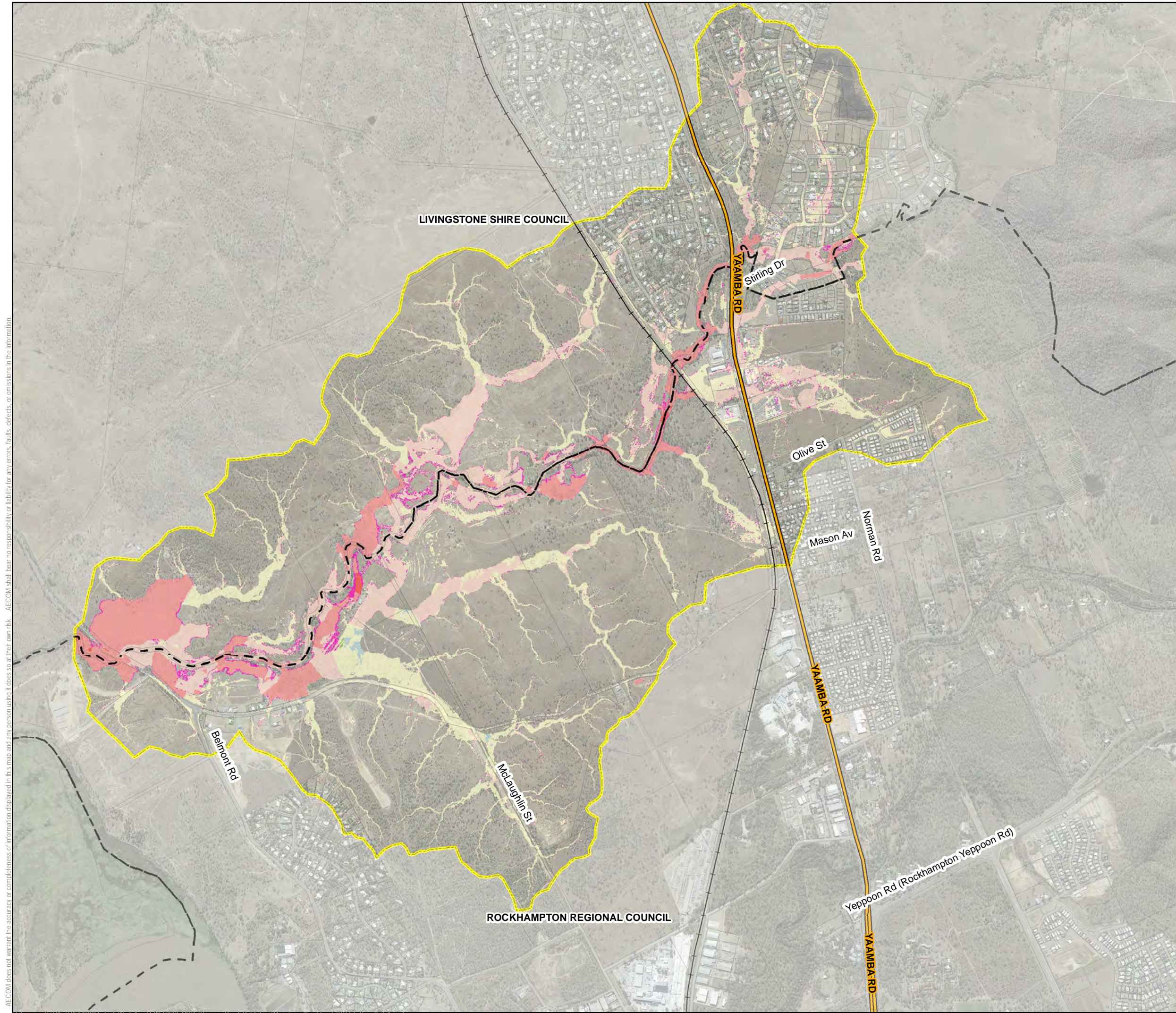
90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-55



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DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

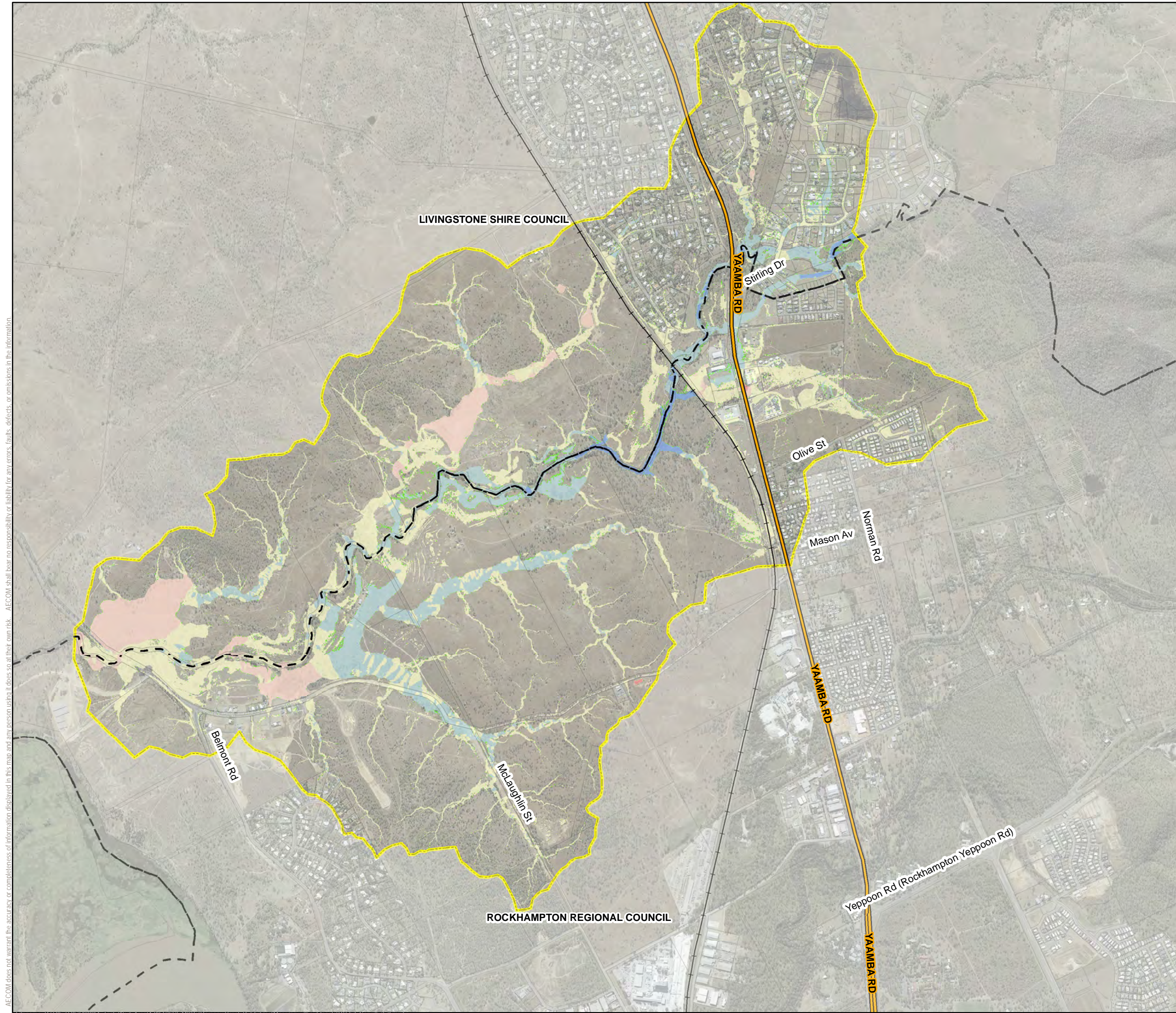
Ramsay Creek Model  
Difference in Peak Flood Height  
15% Increased Roughness minus Baseline  
  
1% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

**Map**  
**RC-56**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

www.aecom.com

**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

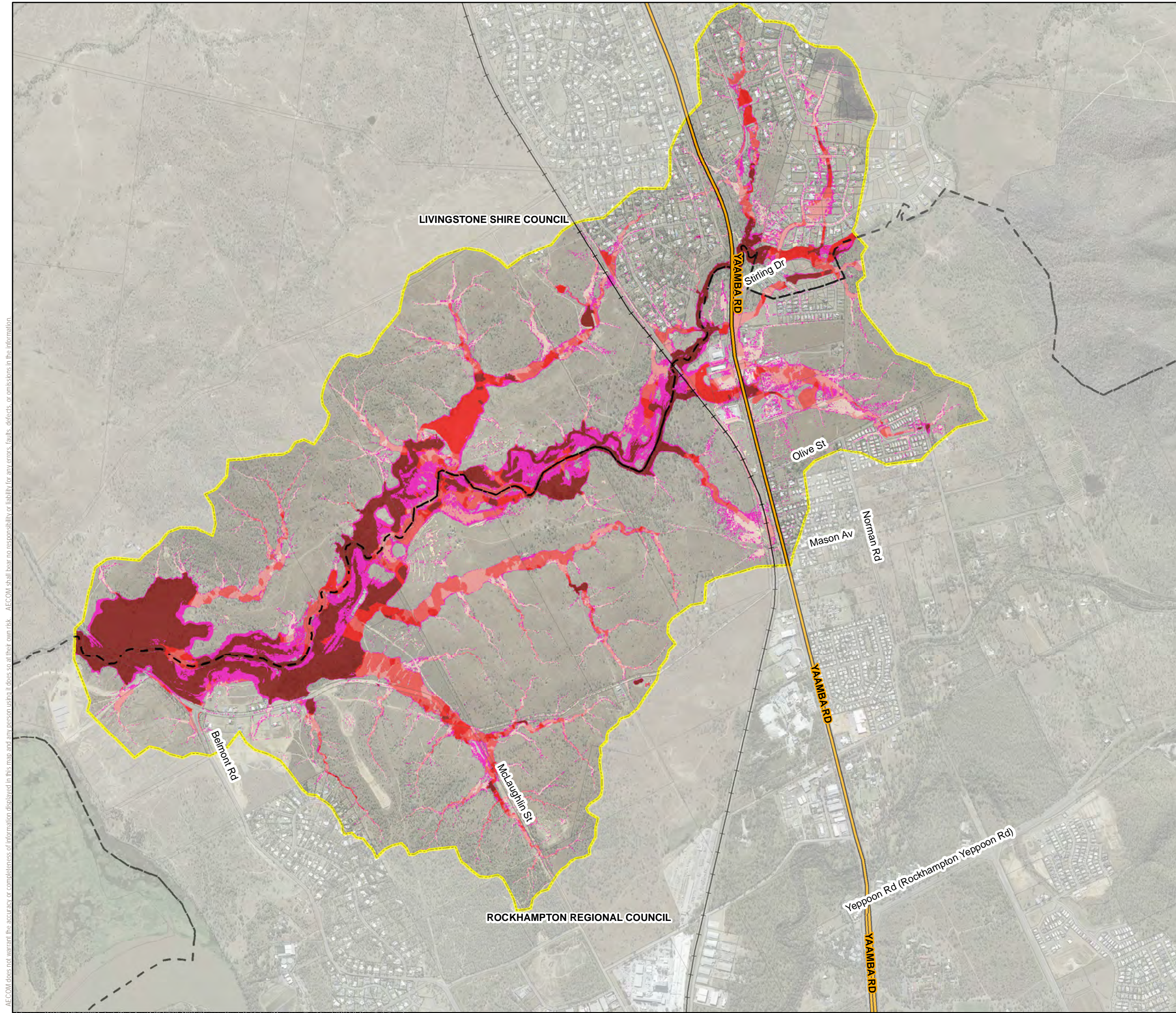
Ramsay Creek Model  
Difference in Peak Flood Height  
15% Decreased Roughness minus Baseline  
  
1% AEP 90min Storm Event



PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

**Map**  
**RC-57**



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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
- Local Government Boundary
- Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

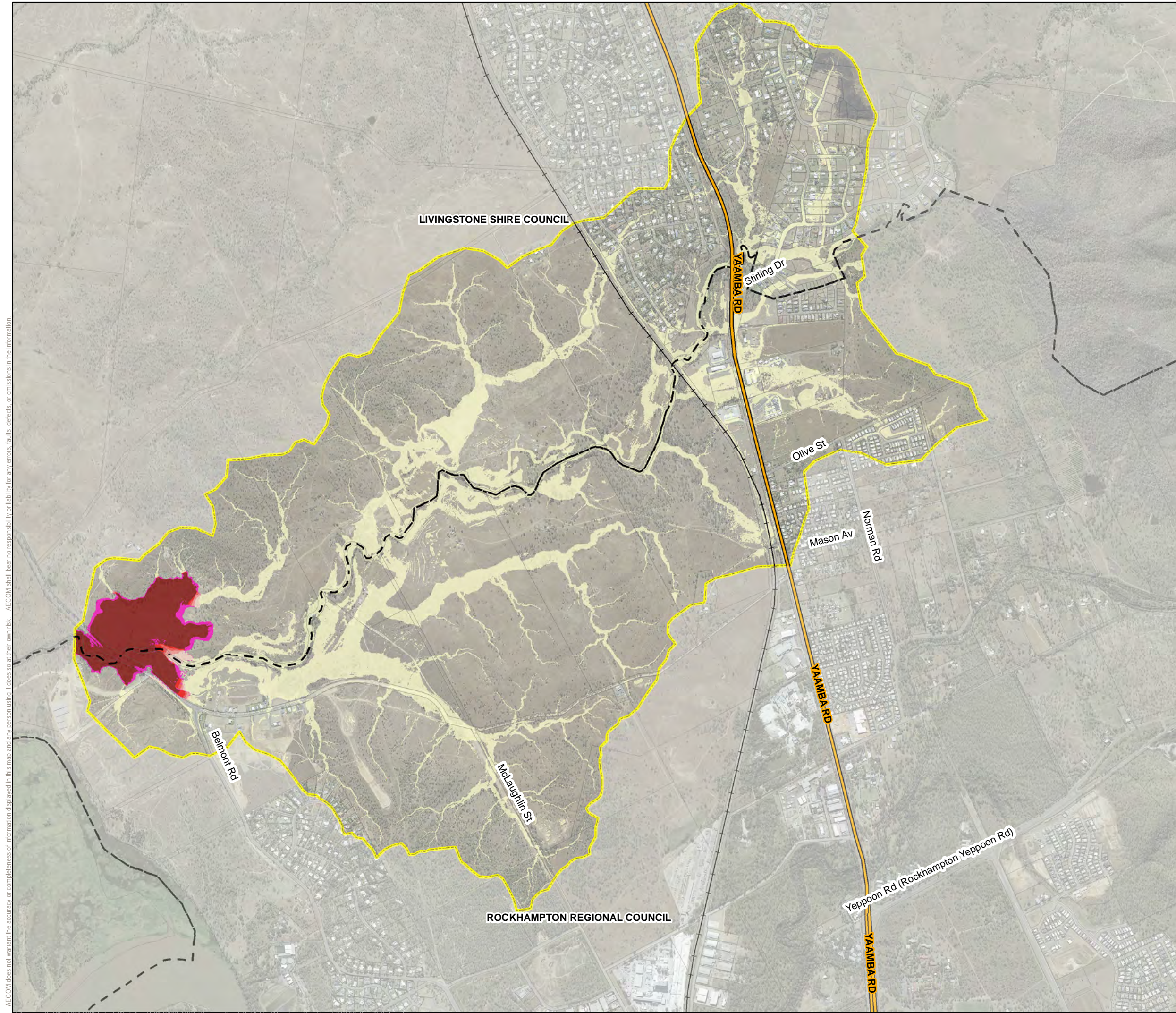
Ramsay Creek Model  
Difference in Peak Flood Height  
Climate Change to 2100 minus Baseline  
  
1% AEP 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-58



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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
- Local Government Boundary
- Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Difference in Peak Flood Height  
18% AEP Fitzroy River Tailwater Level  
minus Baseline

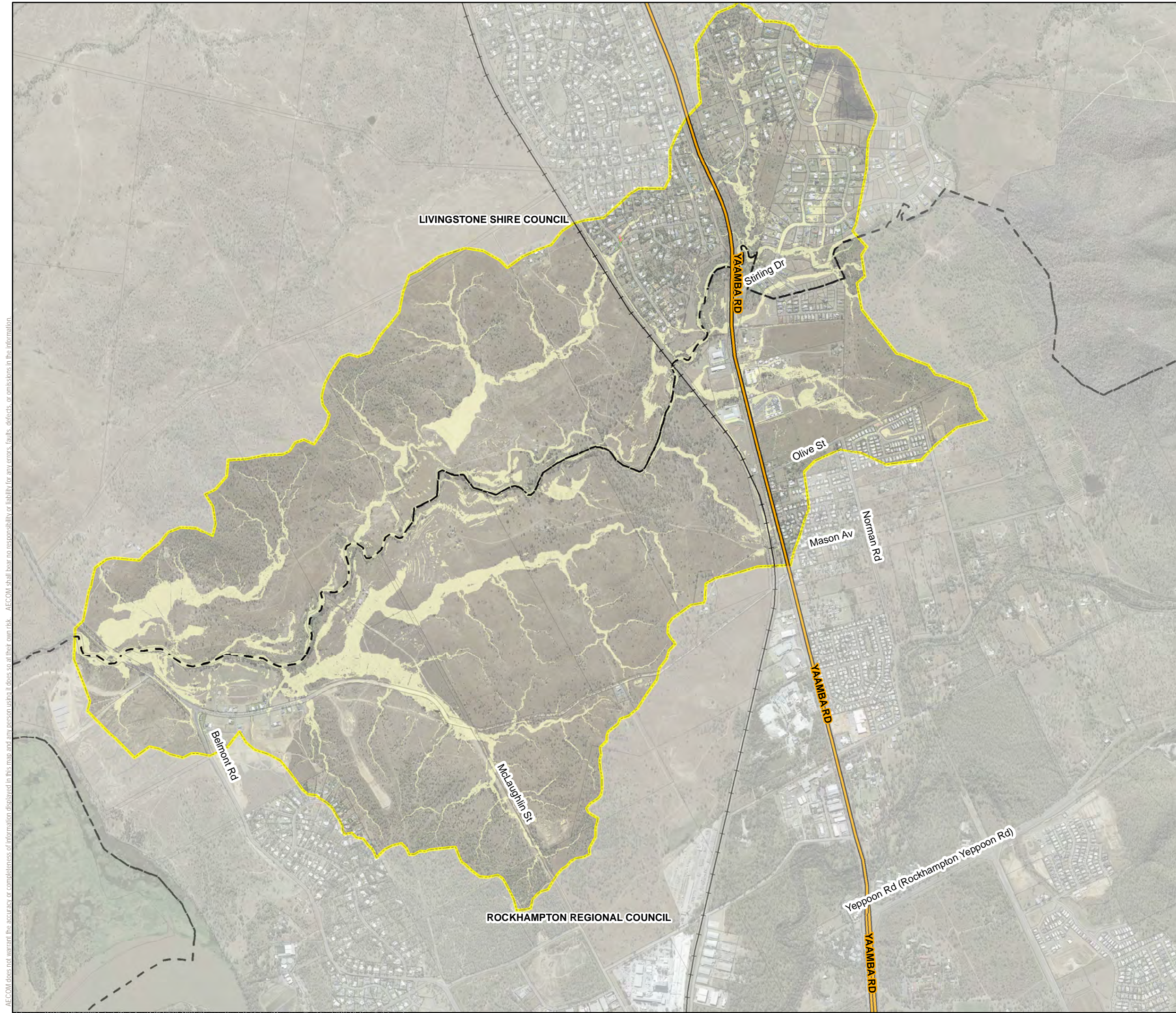
1% AEP 90min Storm Event



PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
RC-59



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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
- Local Government Boundary
- Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Difference in Peak Flood Height  
20% Stormwater Infrastructure Blockage  
minus Baseline

18% AEP 90min Storm Event

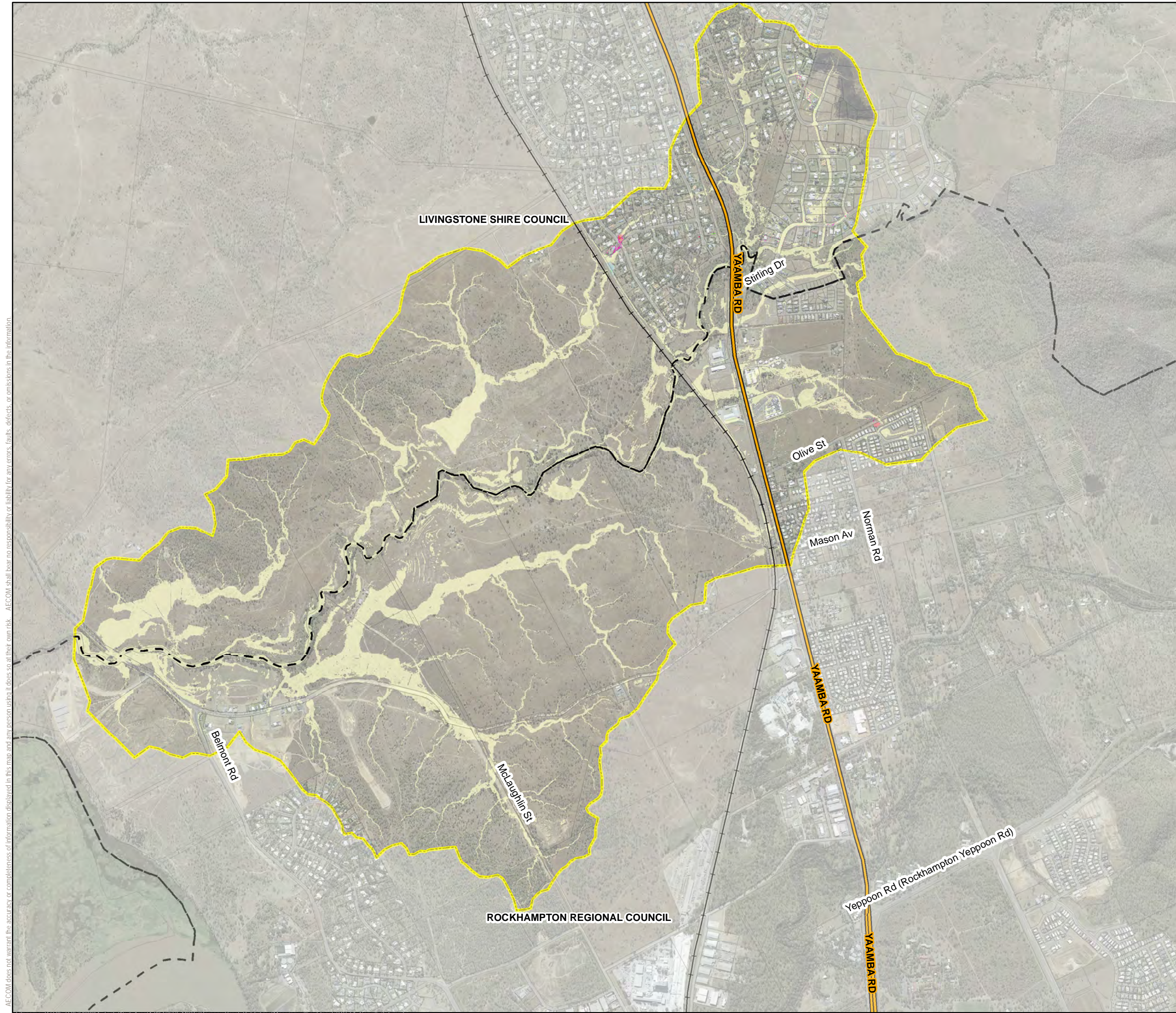
PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**

**RC-60**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Difference in Peak Flood 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

Ramsay Creek Model  
Difference in Peak Flood Height  
50% Stormwater Infrastructure Blockage  
minus Baseline

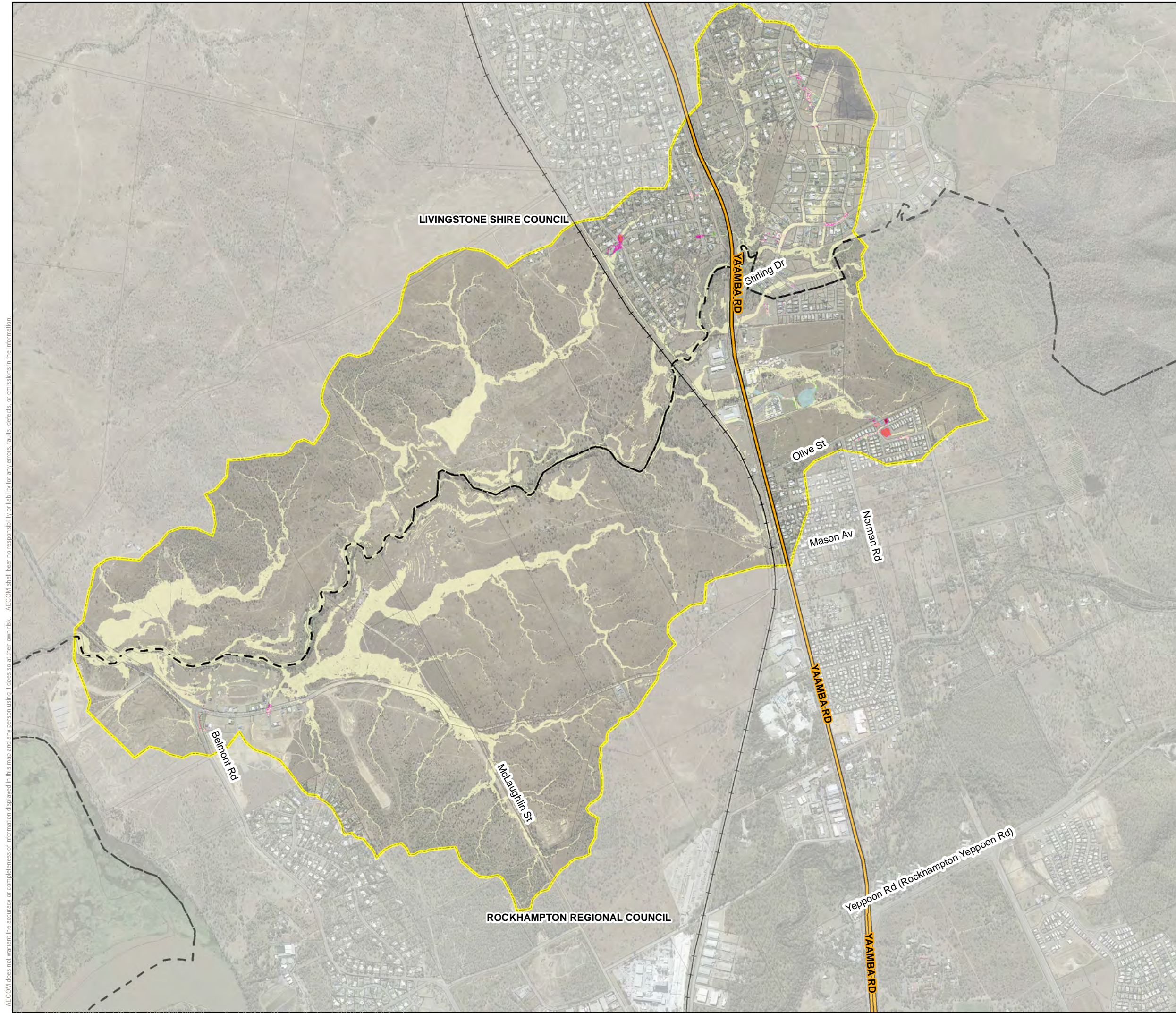
18% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

**Map**  
**RC-61**



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DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Difference in Peak Flood Height  
100% Stormwater Infrastructure Blockage  
minus Baseline

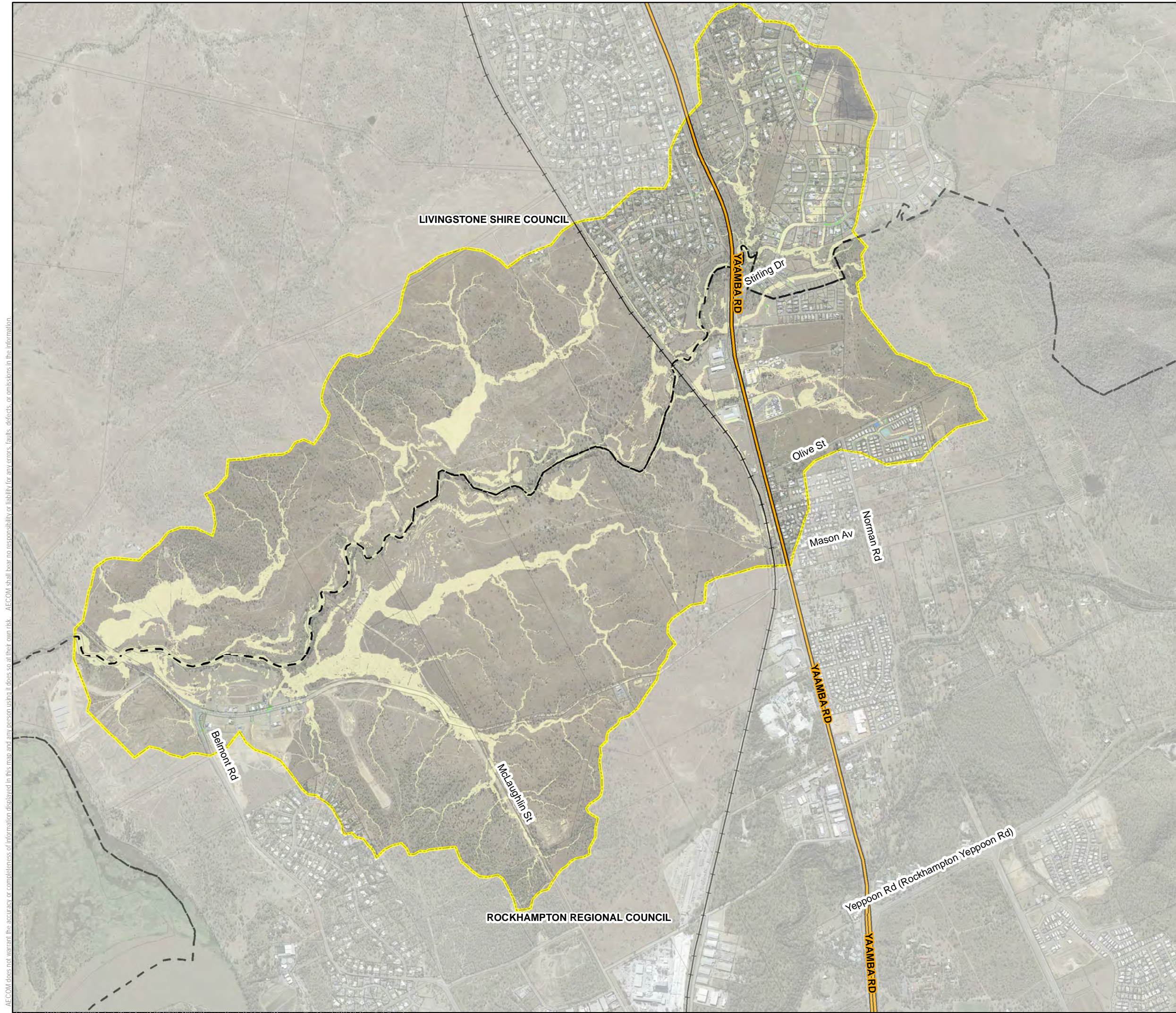
18% AEP 90min Storm Event

PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

**Map**  
RC-62



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DATUM GDA 1994, PROJECTION MGA ZONE 56

02004006008001,000

Metres

1:20,000  
(when printed at A3)

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**LEGEND**

Highways

Railway Lines

Cadastre

Local Government Boundary

Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Difference in Peak Flood Height  
Increased Inlet Structure Dimensions  
minus Baseline

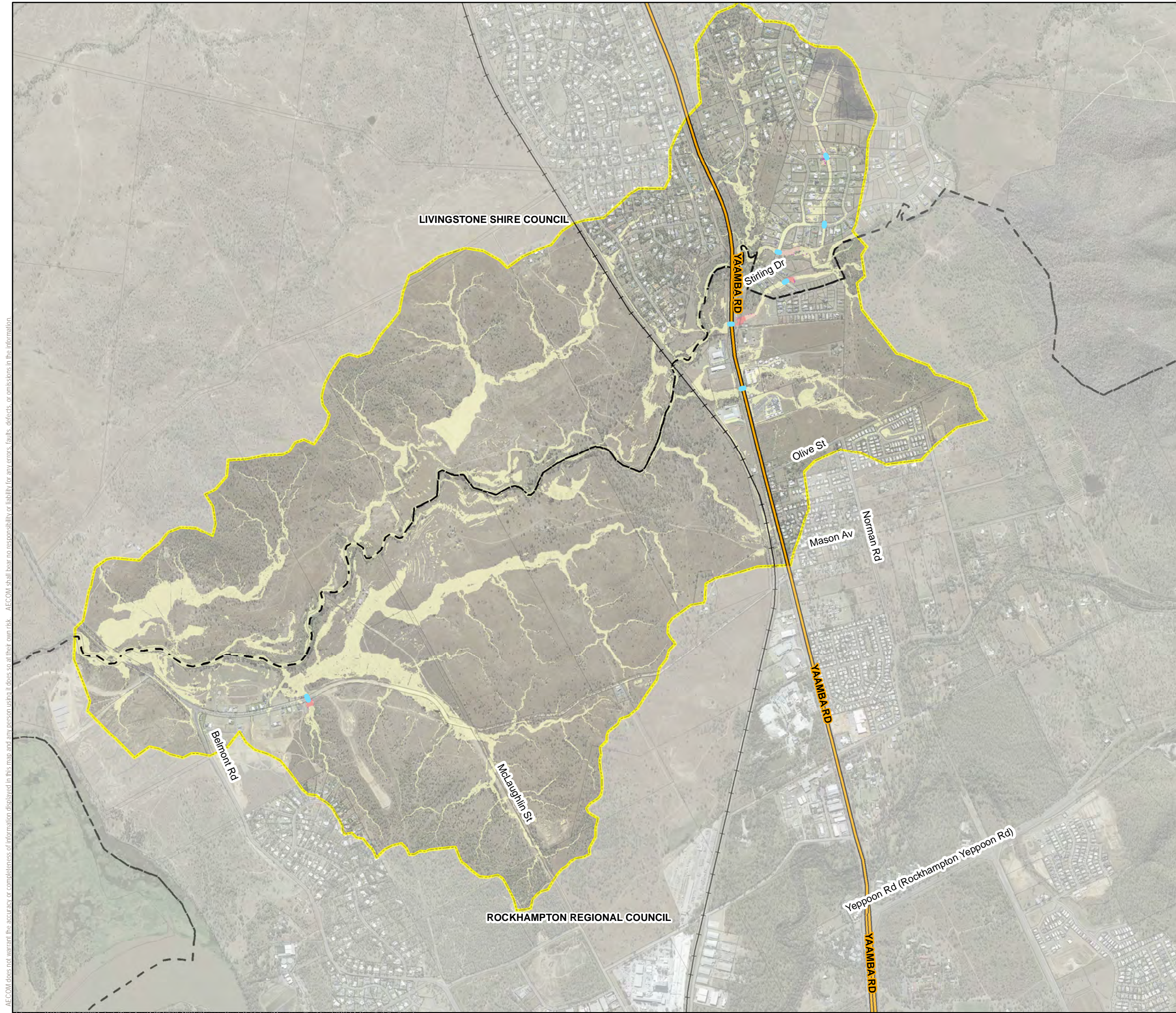
18% AEP 90min Storm Event



PROJECT ID60534898  
CREATED BYmaulbyj  
LAST MODIFIED17/07/2017  
VERSION:1

**Map  
RC-63**



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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**

- Key Hydraulic Structures
- Highways
- Railway Lines
- Cadastre
- Local Government Boundary
- Hydraulic Model Extent

**Difference in Peak Flood 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<sup>2</sup> Min. Area

Ramsay Creek Model  
Difference in Peak Flood Height  
Key Cross Drainage Culvert Blockage  
minus Baseline

18% AEP 90min Storm Event

PROJECT ID	60534898
CREATED BY	maulbyj
LAST MODIFIED	17/07/2017
VERSION:	1

**Map**  
**RC-64**