



CIVIL | WATER | ENVIRONMENT

## Appendix G-01

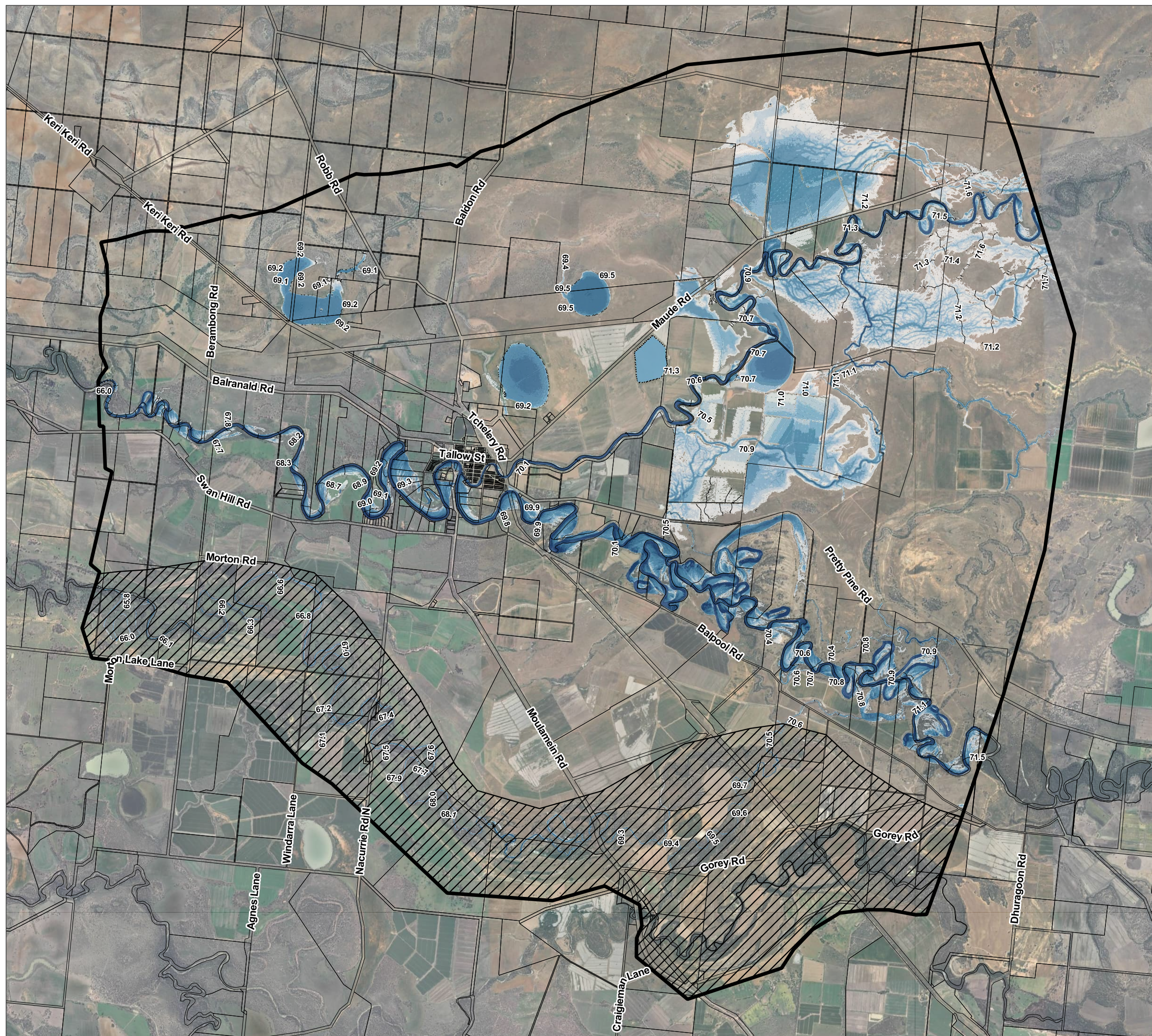
## Riverine Flooding Peak Depth & Flood Level Contour 20% AEP Design Event

## LEGEND

-  Riverine Model Extent  
 Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)  
 Cadastre  
 Peak Flood Level Contours (mAHD) - 0.1 m Intervals

Peak Flood Depth (m)

- |                                                                                     |             |
|-------------------------------------------------------------------------------------|-------------|
|  | <= 0.15     |
|  | 0.15 - 0.30 |
|  | 0.30 - 0.50 |
|  | 0.50 - 1.00 |
|  | 1.00 - 1.50 |
|  | 1.50 - 2.00 |
|  | > 2.00      |



## Moulamein Flood Study Review

**Murray River Council**

A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025





# Appendix G-02

## Riverine Flooding Peak Depth & Flood Level Contour 20% AEP Design Event

### LEGEND

- Moulamein Town Levees
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

### Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00



## Moulamein Flood Study Review

Murray River Council

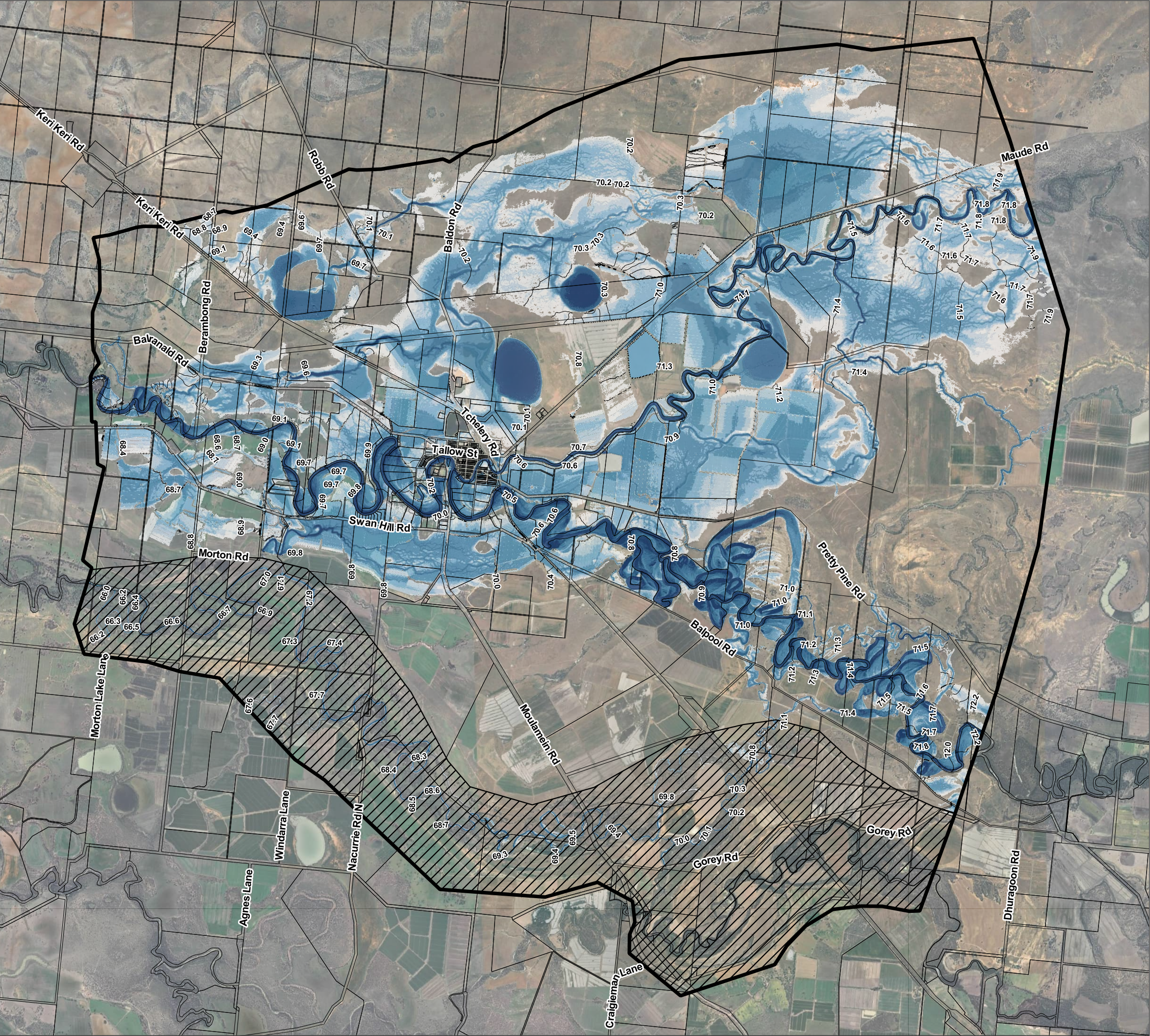


Appendix G-03

Riverine Flooding  
Peak Depth & Flood Level Contour  
10% AEP Design Event

LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
  -  Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
-  <= 0.15
  -  0.15 - 0.30
  -  0.30 - 0.50
  -  0.50 - 1.00
  -  1.00 - 1.50
  -  1.50 - 2.00
  -  > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 18/08/2025

0 1.5 3 4.5 6 km



# Appendix G-04

## Riverine Flooding Peak Depth & Flood Level Contour 10% AEP Design Event

### LEGEND

- Moulamein Town Levees
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

### Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00



## Moulamein Flood Study Review

### Murray River Council

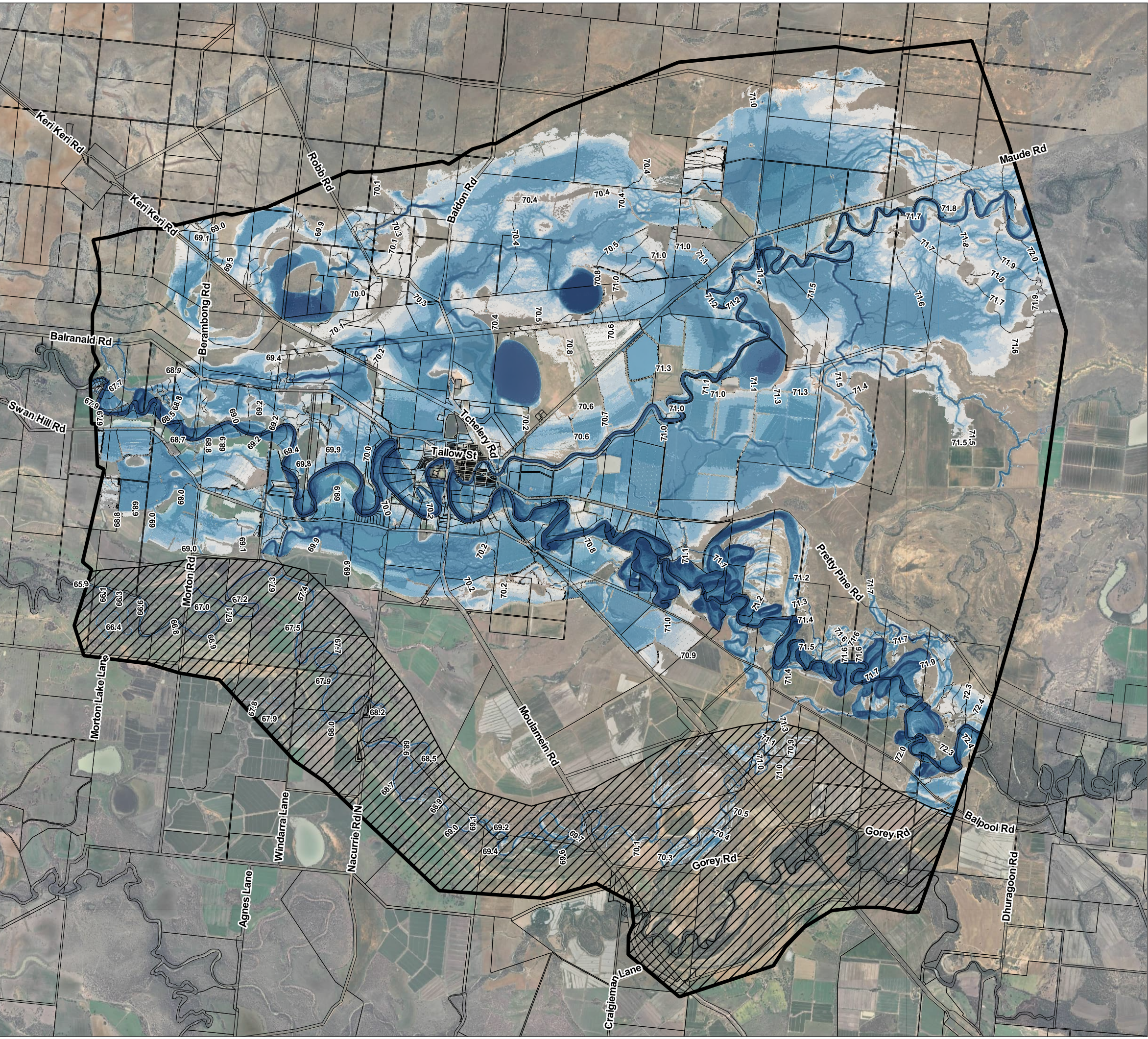


Appendix G-05

Riverine Flooding  
Peak Depth & Flood Level Contour  
5% AEP Design Event

LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
  -  Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
-  <= 0.15
  -  0.15 - 0.30
  -  0.30 - 0.50
  -  0.50 - 1.00
  -  1.00 - 1.50
  -  1.50 - 2.00
  -  > 2.00



Moulamein Flood Study Review

Murray River Council



Appendix G-06

Riverine Flooding  
Peak Depth & Flood Level Contour  
5% AEP Design Event

LEGEND

- Moulamein Town Levees
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 18/08/2025



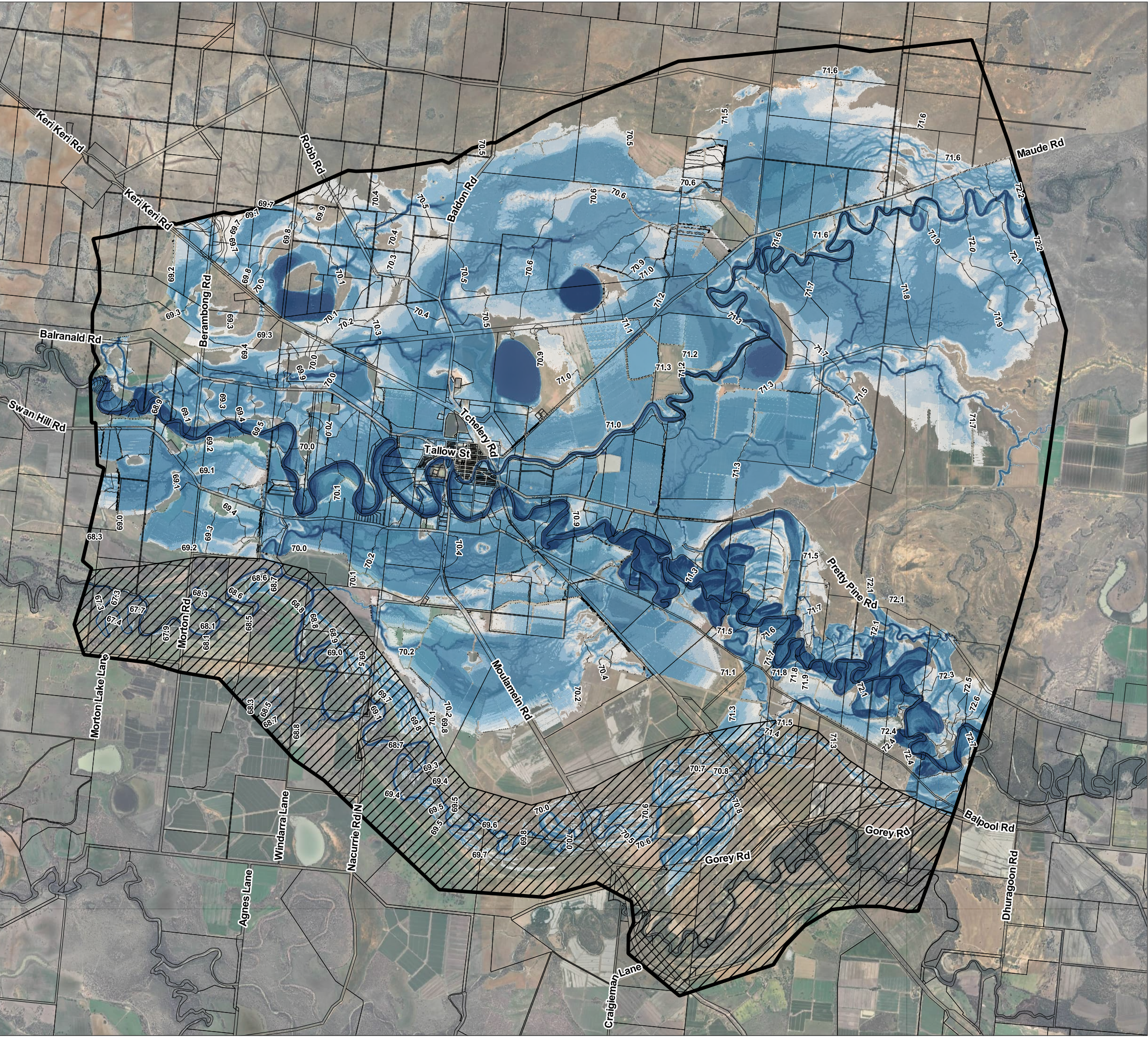


Appendix G-07

Riverine Flooding  
Peak Depth & Flood Level Contour  
2% AEP Design Event

LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
  -  Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
-  <= 0.15
  -  0.15 - 0.30
  -  0.30 - 0.50
  -  0.50 - 1.00
  -  1.00 - 1.50
  -  1.50 - 2.00
  -  > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025





# Appendix G-08

## Riverine Flooding Peak Depth & Flood Level Contour 2% AEP Design Event

### LEGEND

- Moulamein Town Levees
  - Cadastre
  - Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
- <= 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 1.00
  - 1.00 - 1.50
  - 1.50 - 2.00
  - > 2.00



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025

0 150 300 450 600 m



Appendix G-09

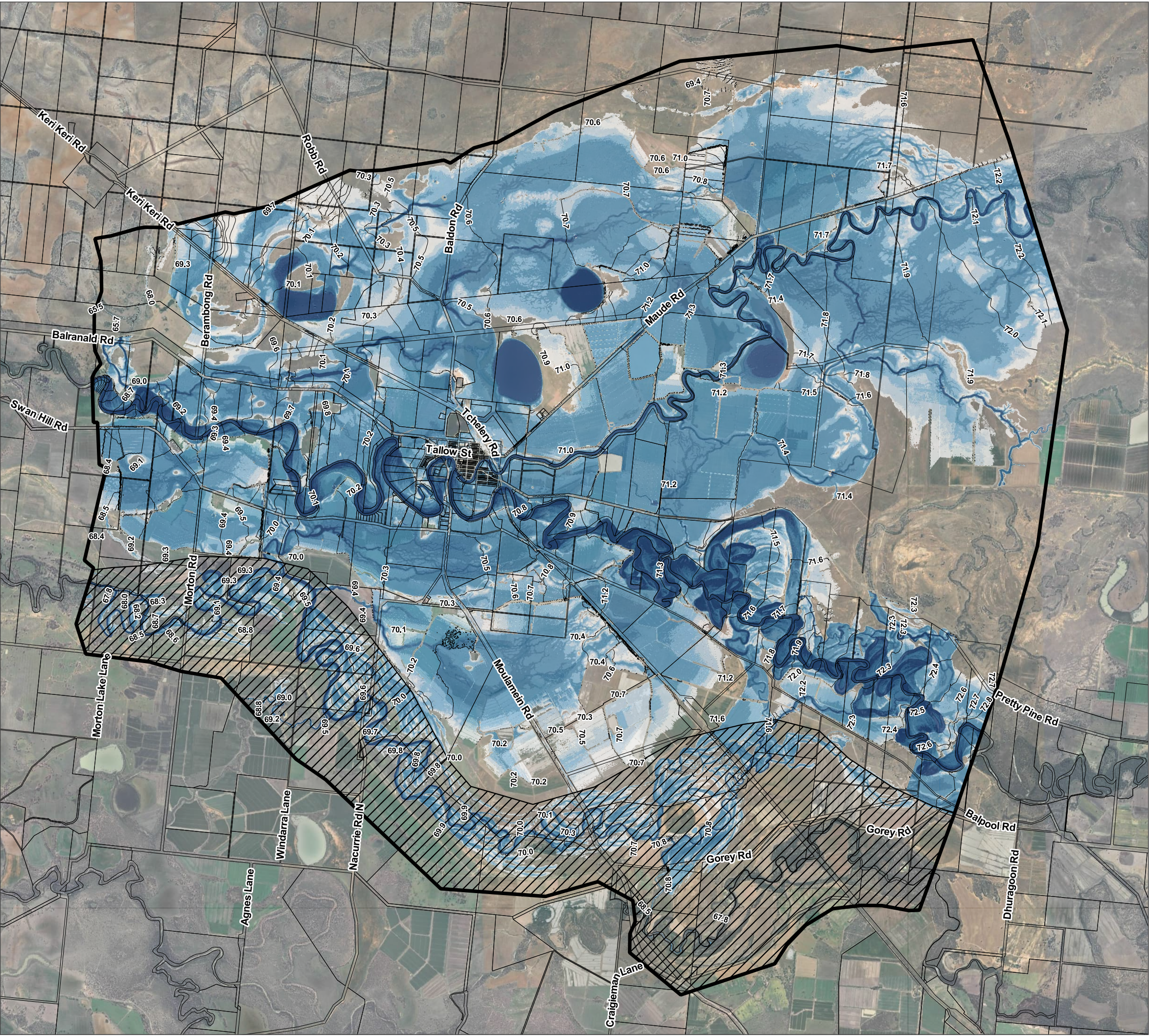
Riverine Flooding  
Peak Depth & Flood Level Contour  
1% AEP Design Event

LEGEND

- Riverine Model Extent
- Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00





Appendix G-10

Riverine Flooding  
Peak Depth & Flood Level Contour  
1% AEP Design Event

LEGEND

- Moulamein Town Levees
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025



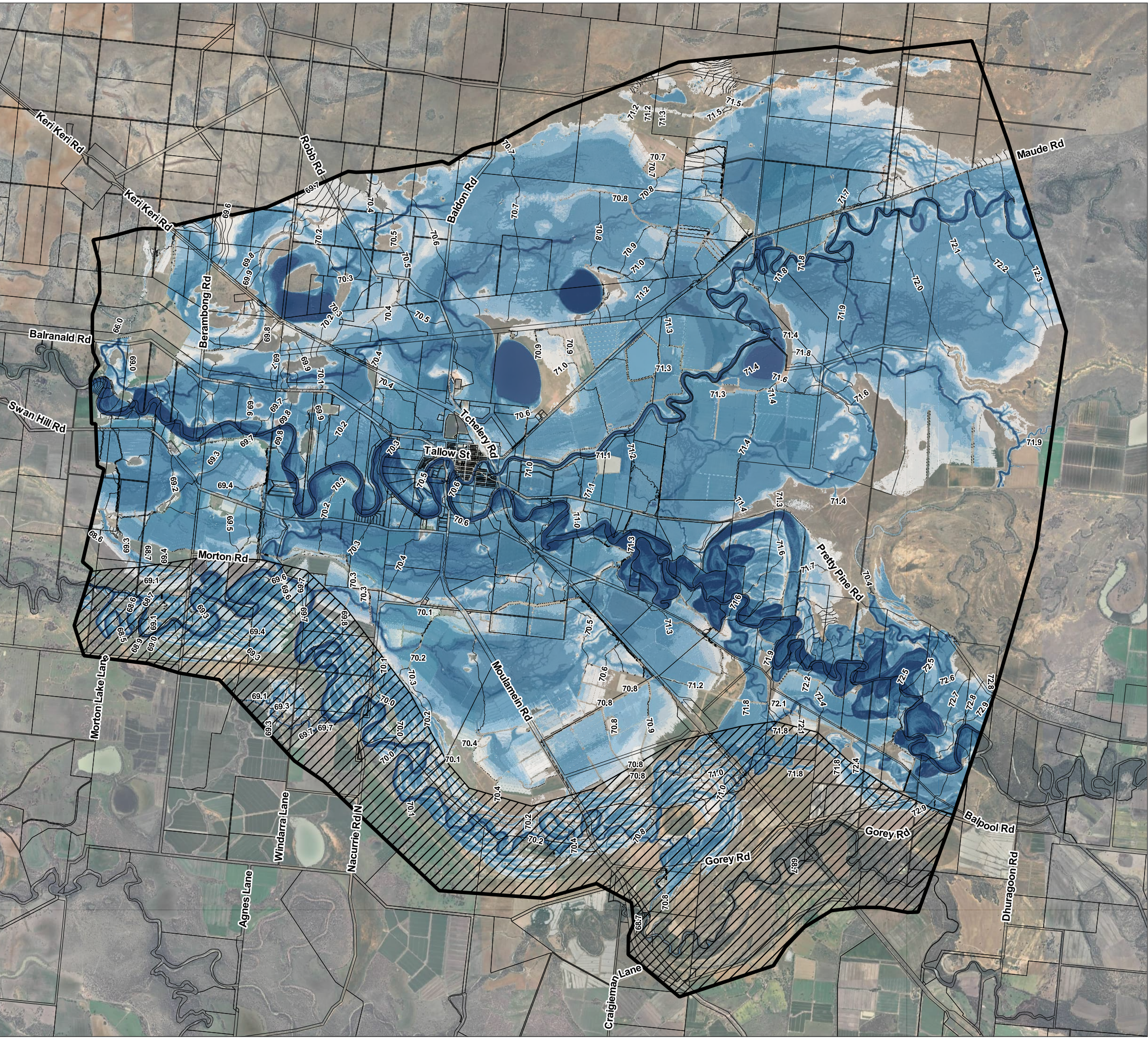


Appendix G-11

Riverine Flooding  
Peak Depth & Flood Level Contour  
0.5% AEP Design Event

LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
  -  Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
-  <= 0.15
  -  0.15 - 0.30
  -  0.30 - 0.50
  -  0.50 - 1.00
  -  1.00 - 1.50
  -  1.50 - 2.00
  -  > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025





Appendix G-12

Riverine Flooding  
Peak Depth & Flood Level Contour  
0.5% AEP Design Event

LEGEND

- Moulamein Town Levees
  - Cadastre
  - Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
- <= 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 1.00
  - 1.00 - 1.50
  - 1.50 - 2.00
  - > 2.00



Moulamein Flood Study Review

Murray River Council

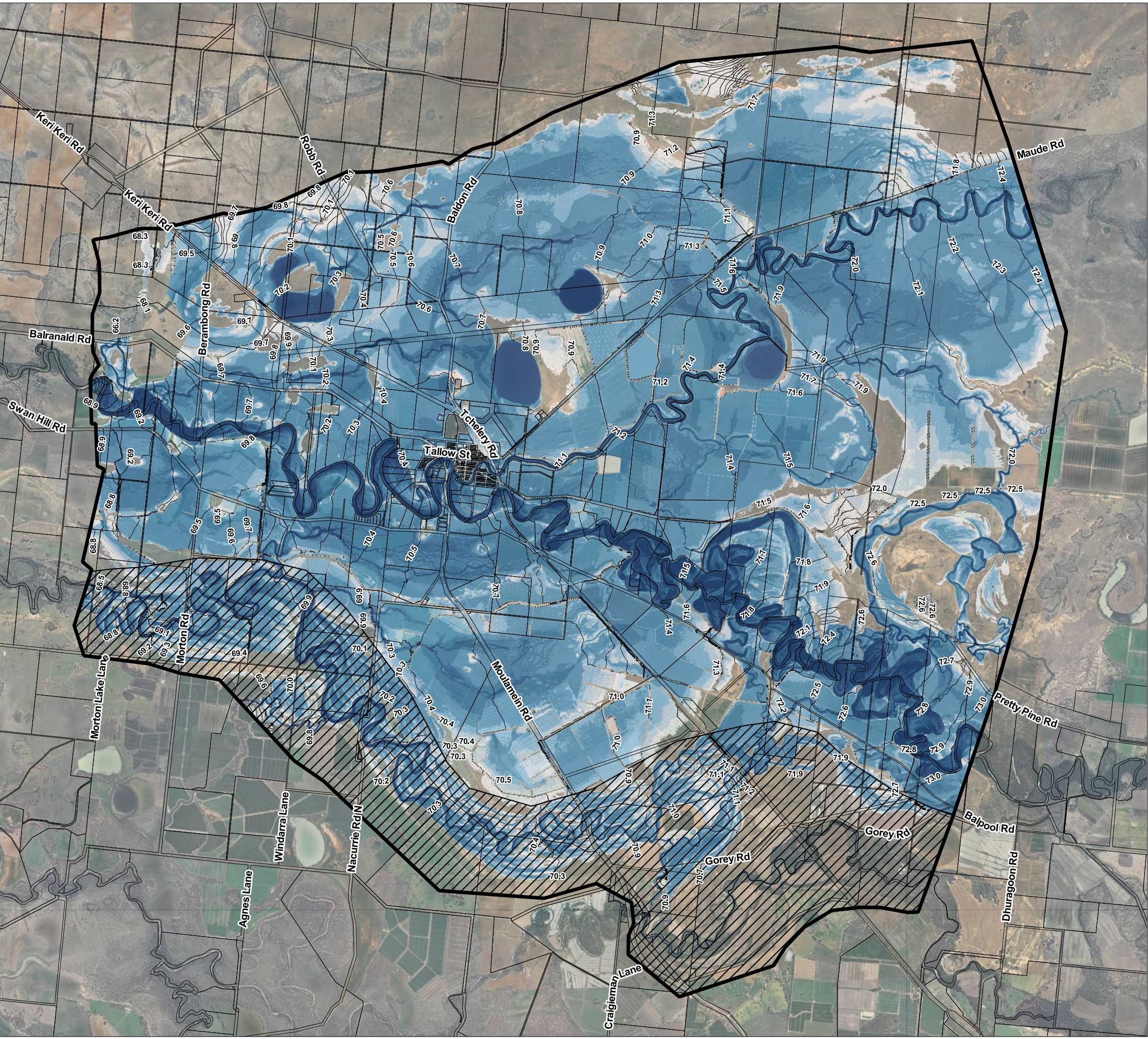


Appendix G-13

Riverine Flooding  
Peak Depth & Flood Level Contour  
0.2% AEP Design Event

LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
  -  Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
-  <= 0.15
  -  0.15 - 0.30
  -  0.30 - 0.50
  -  0.50 - 1.00
  -  1.00 - 1.50
  -  1.50 - 2.00
  -  > 2.00





Appendix G-14

Riverine Flooding  
Peak Depth & Flood Level Contour  
0.2% AEP Design Event

LEGEND

- Moulamein Town Levees
- Cadastre
- Peak Flood Level Contours (mAHD) - 0.1 m Intervals

Peak Flood Depth (m)

- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025







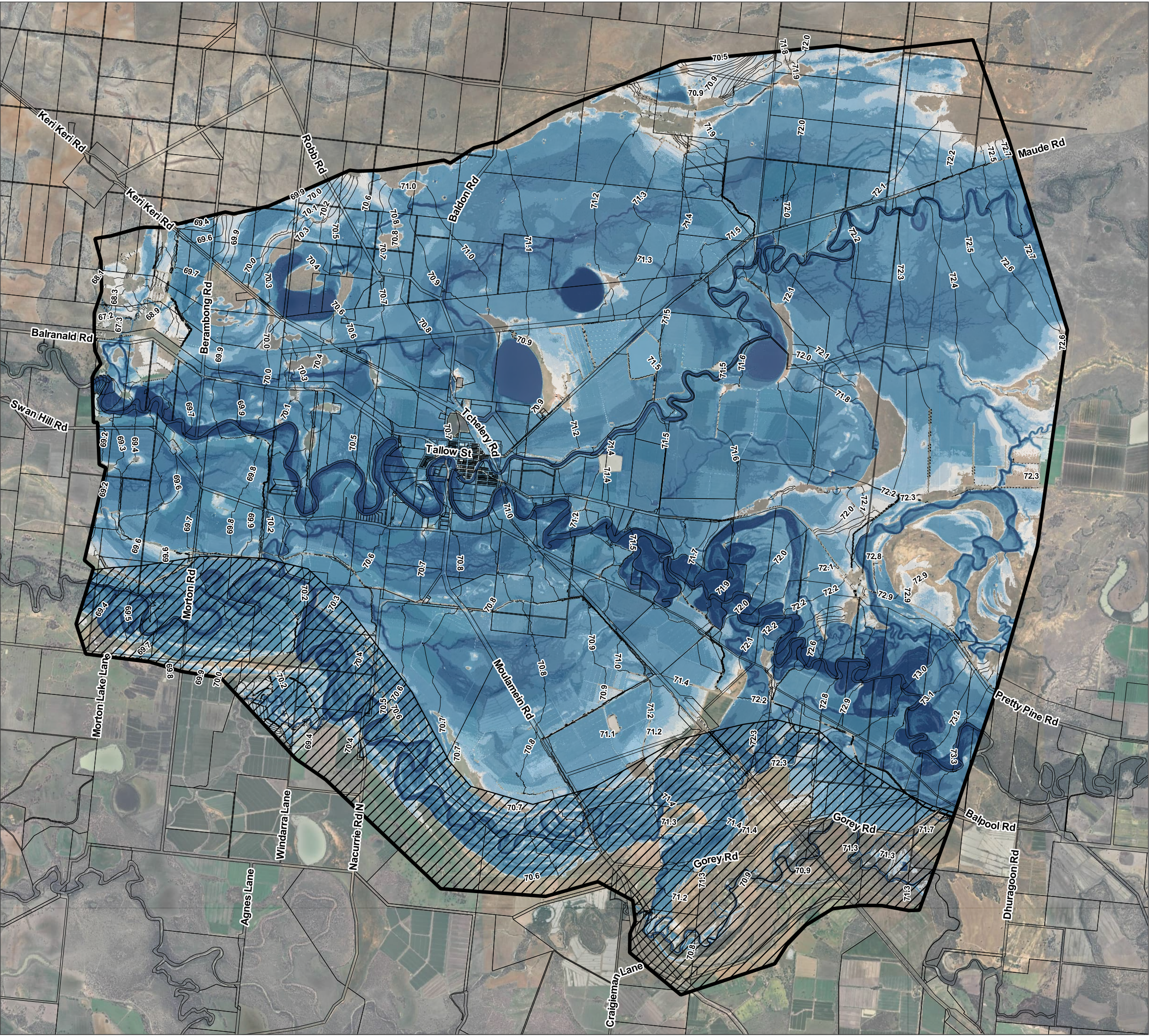
CIVIL | WATER | ENVIRONMENT

# Appendix G-15

## Riverine Flooding Peak Depth & Flood Level Contour PMF

### LEGEND

- Riverine Model Extent
  - Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  - Cadastre
  - Peak Flood Level Contours (mAHD) - 0.1 m Intervals
- Peak Flood Depth (m)
- <= 0.15
  - 0.15 - 0.30
  - 0.30 - 0.50
  - 0.50 - 1.00
  - 1.00 - 1.50
  - 1.50 - 2.00
  - > 2.00



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025

0 1.5 3 4.5 6 km



## Appendix G-16

### Riverine Flooding Peak Depth & Flood Level Contour PMF

#### LEGEND

-  Moulamein Town Levees
-  Cadastre
-  Peak Flood Level Contours (mAHD) - 0.1 m Intervals

#### Peak Flood Depth (m)

-  ≤ 0.15
-  0.15 - 0.30
-  0.30 - 0.50
-  0.50 - 1.00
-  1.00 - 1.50
-  1.50 - 2.00
-  > 2.00



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 18/08/2025

