








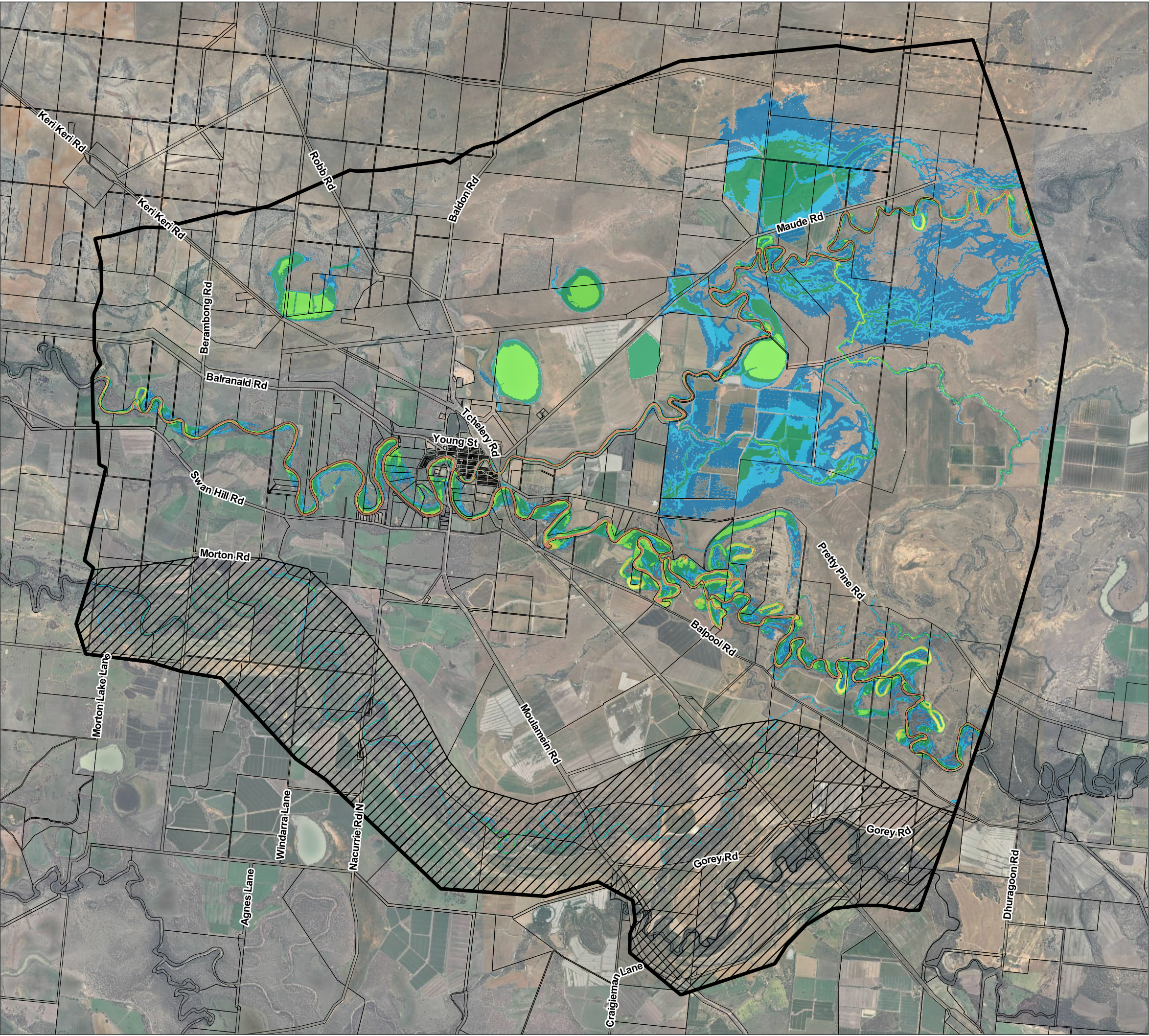


# Appendix G-49

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025












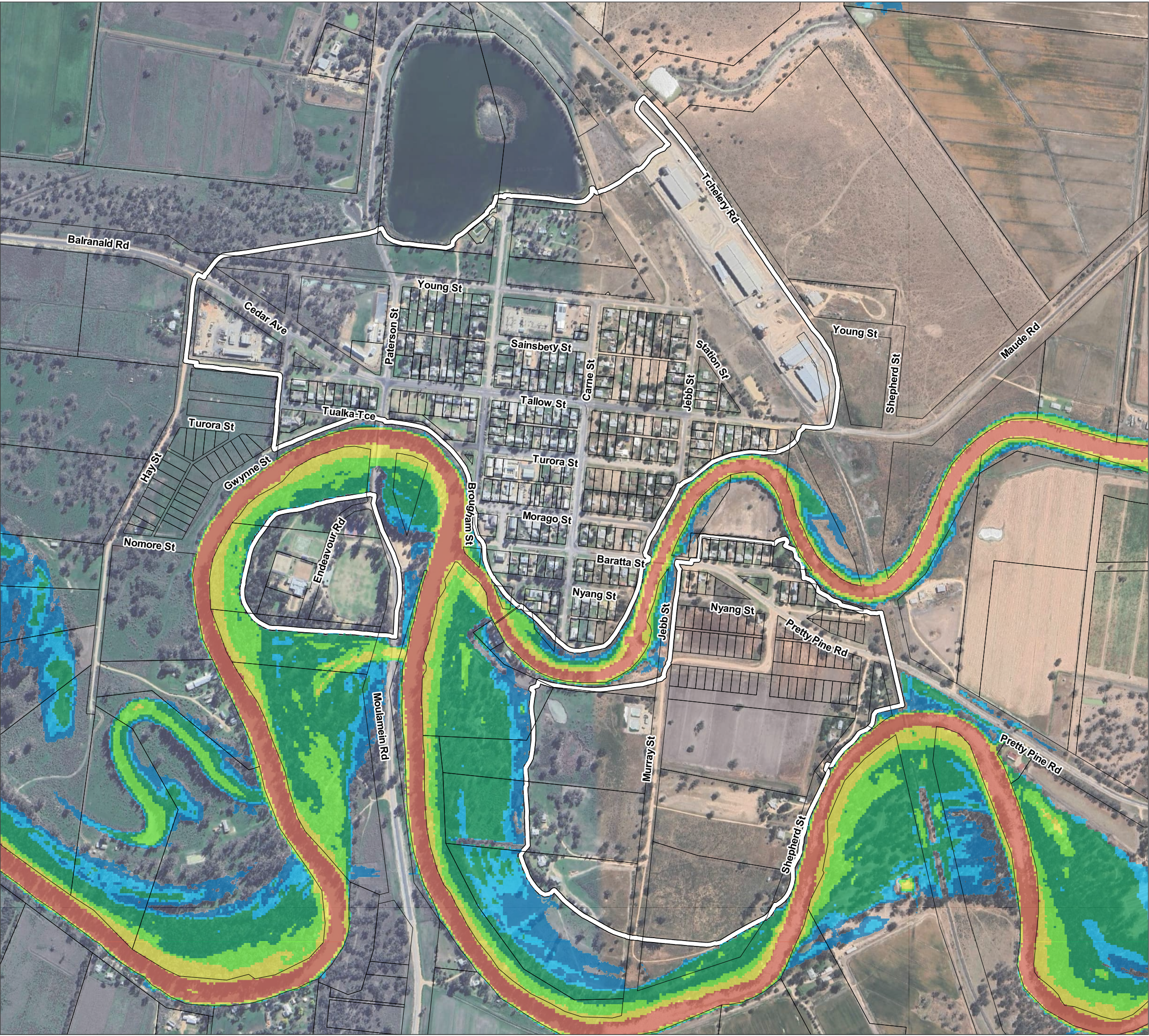


# Appendix G-50

## Riverine Flooding Peak Hydraulic Hazard 20% AEP Design Event

### LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025










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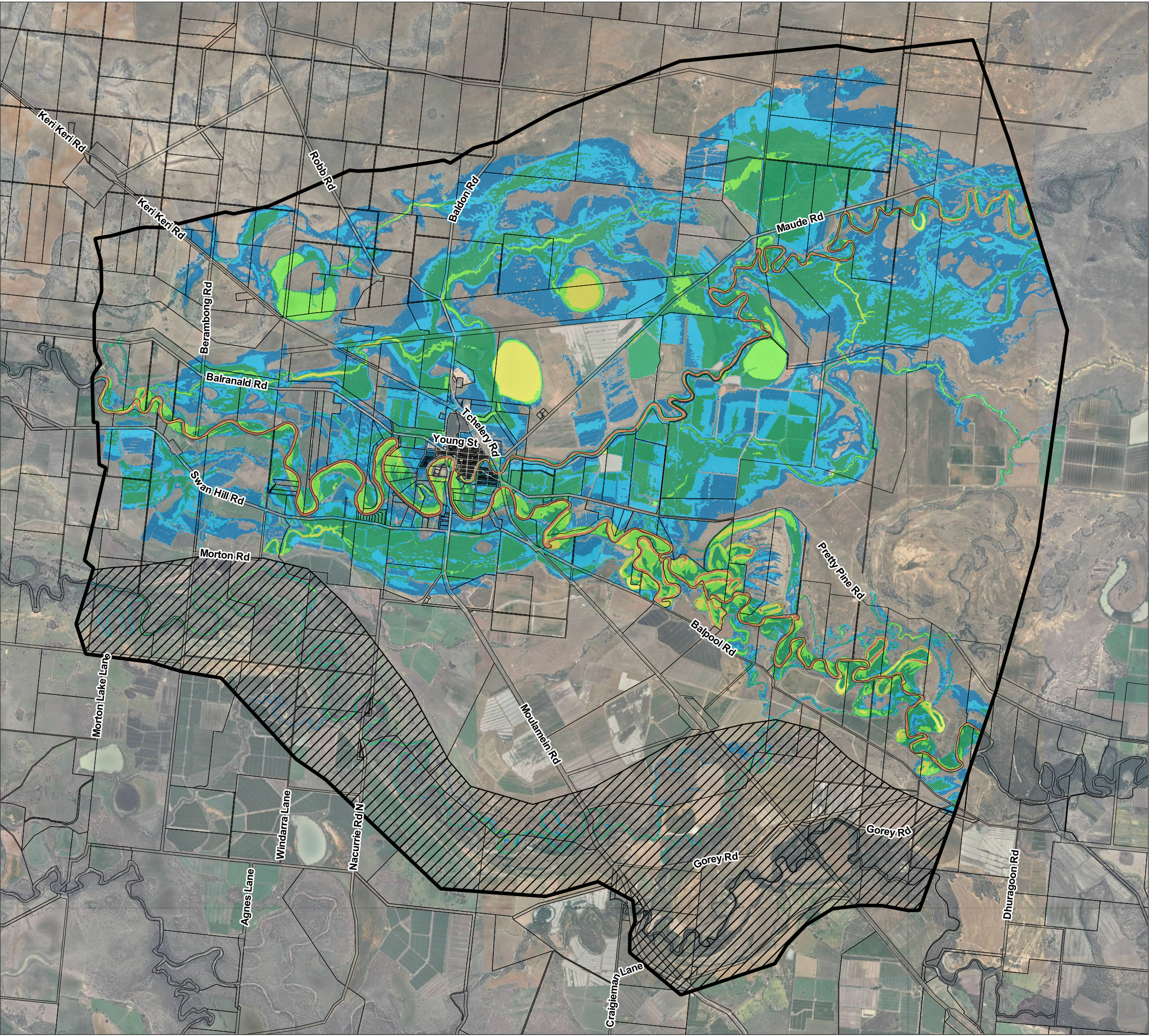


# Appendix G-51

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025












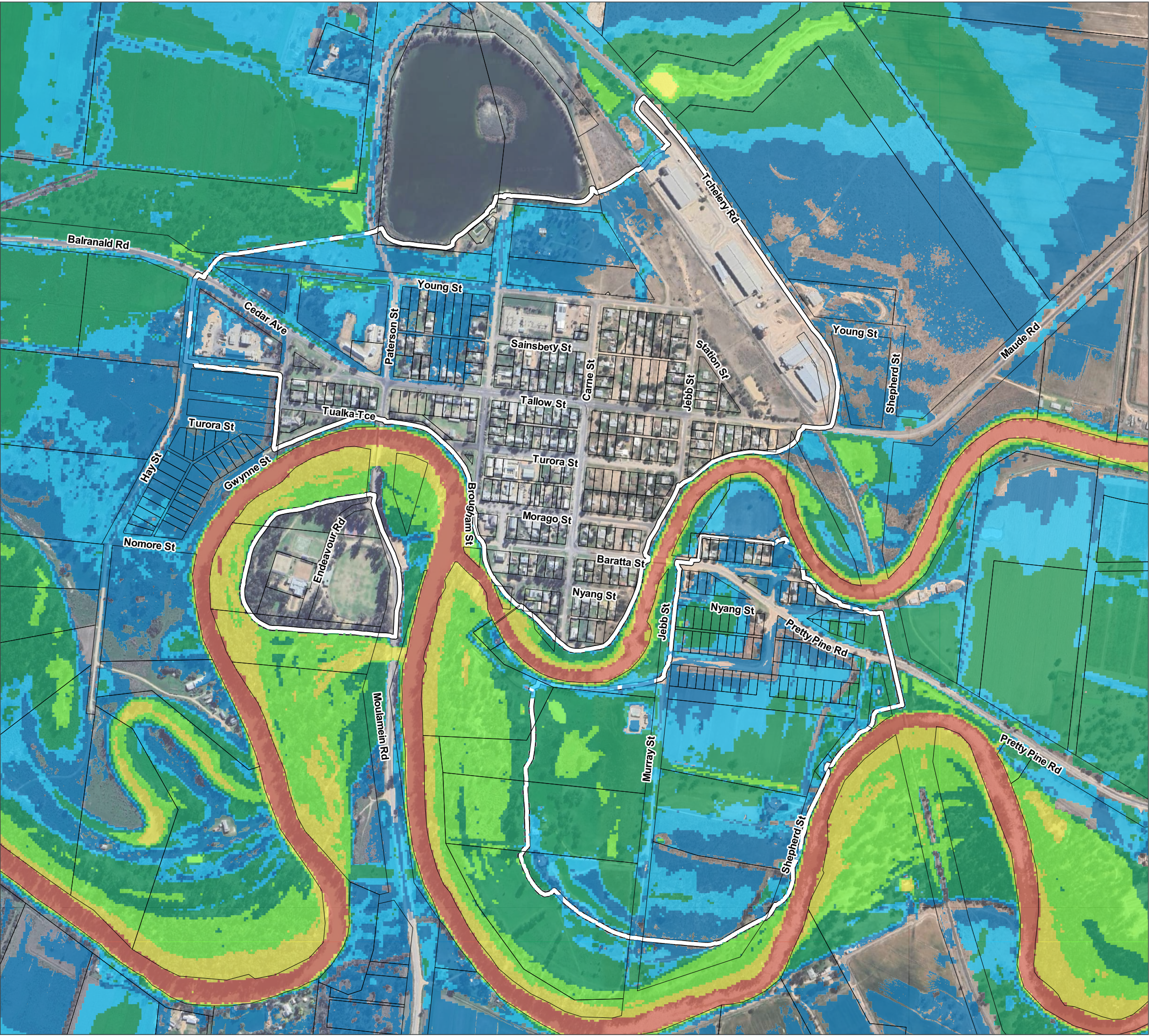


# Appendix G-52

## Riverine Flooding Peak Hydraulic Hazard 10% AEP Design Event

### LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review










Murray River Council

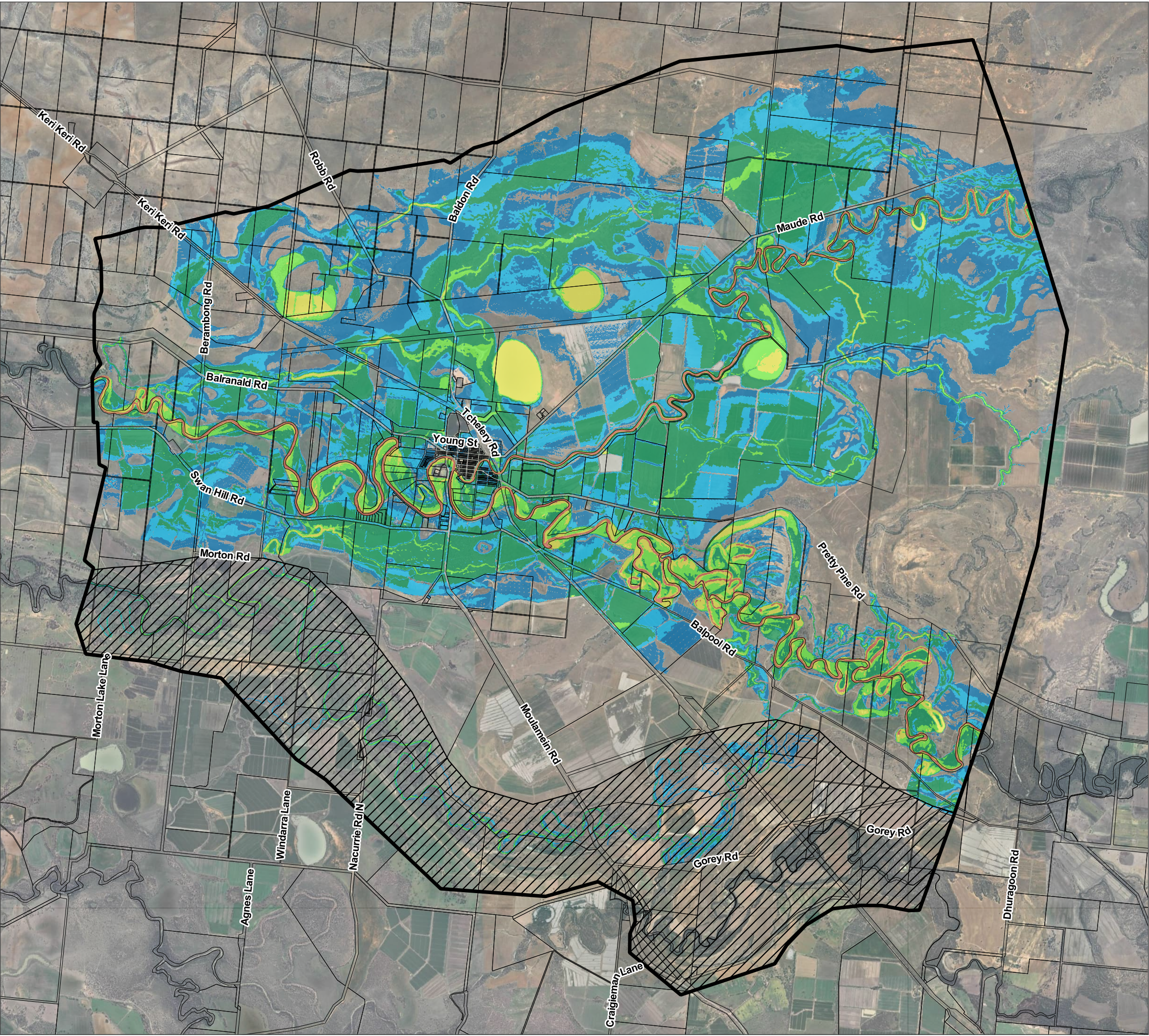


# Appendix G-53

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025












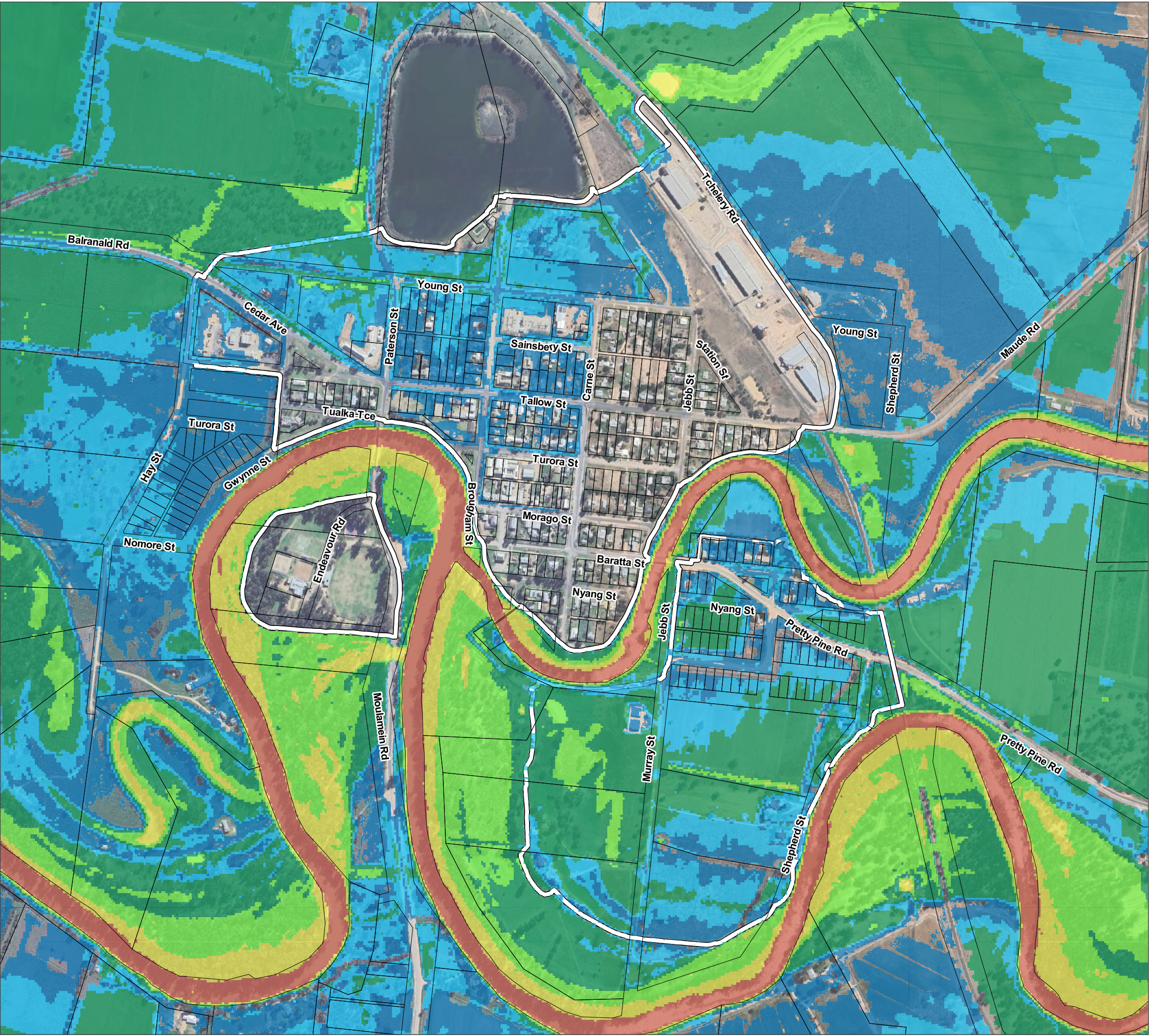


# Appendix G-54

## Riverine Flooding Peak Hydraulic Hazard 5% AEP Design Event

### LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard**
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025










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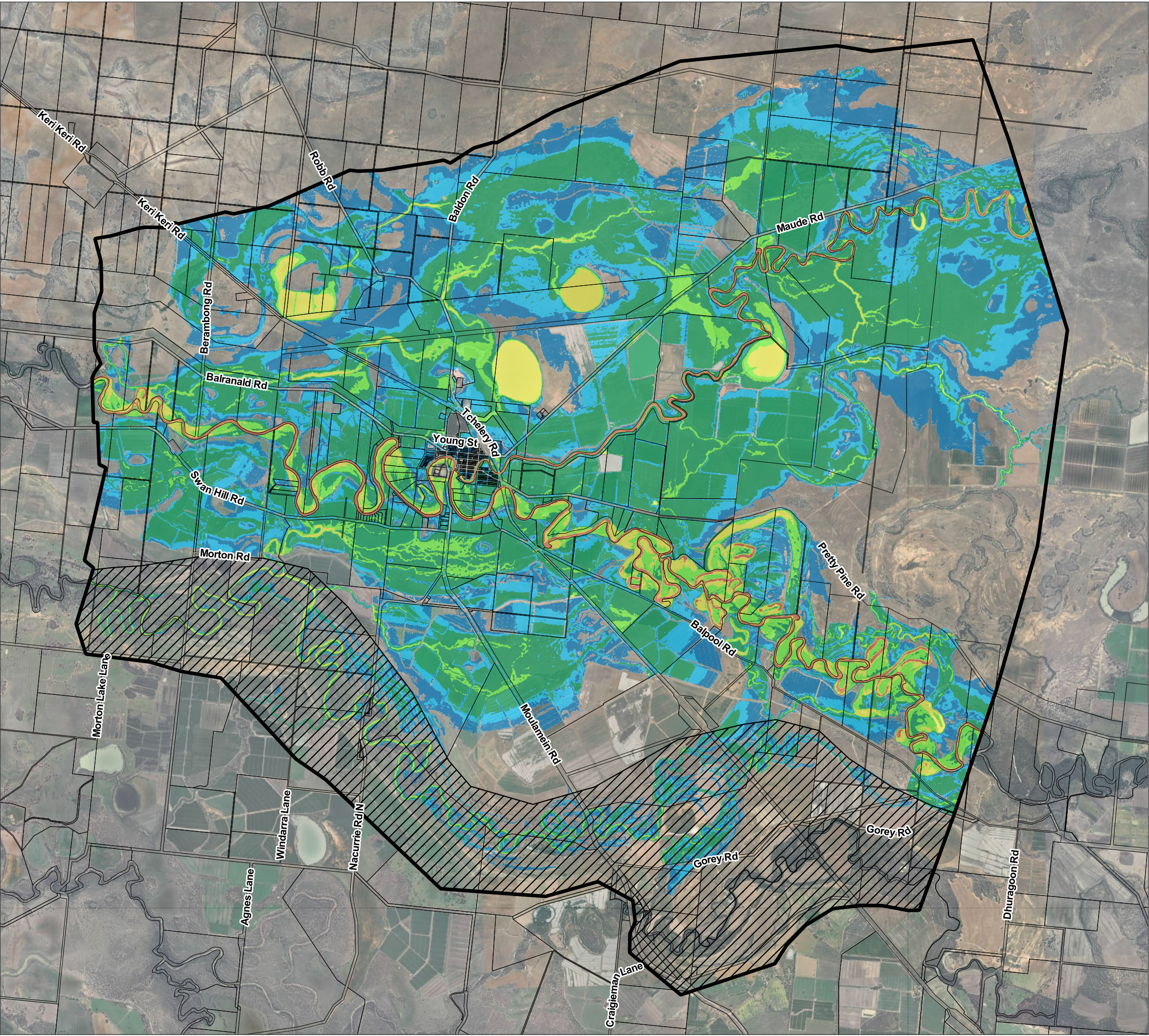


# Appendix G-55

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
-  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

### Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025










0 1.5 3 4.5 6 km

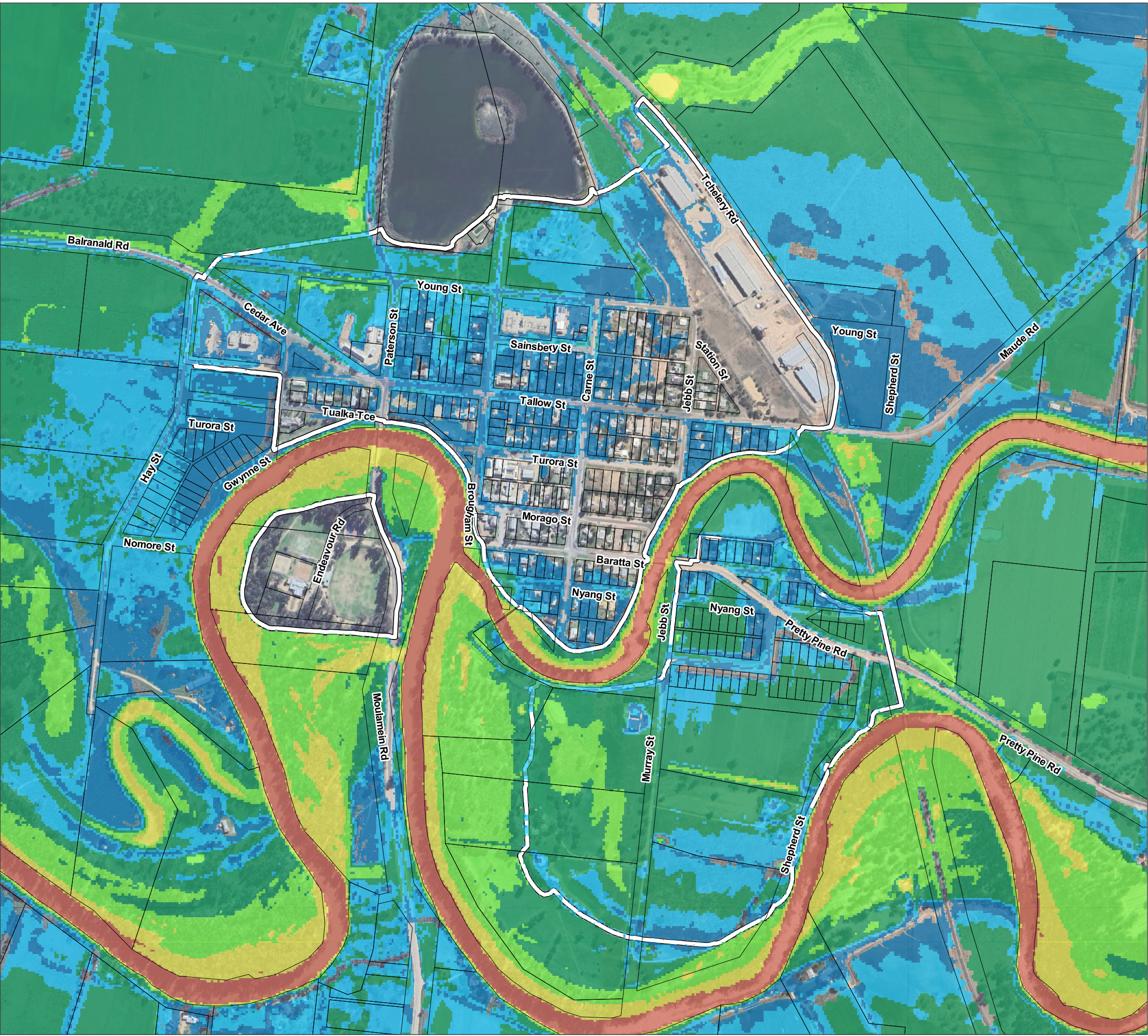


# Appendix G-56

## Riverine Flooding Peak Hydraulic Hazard 2% AEP Design Event

### LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council





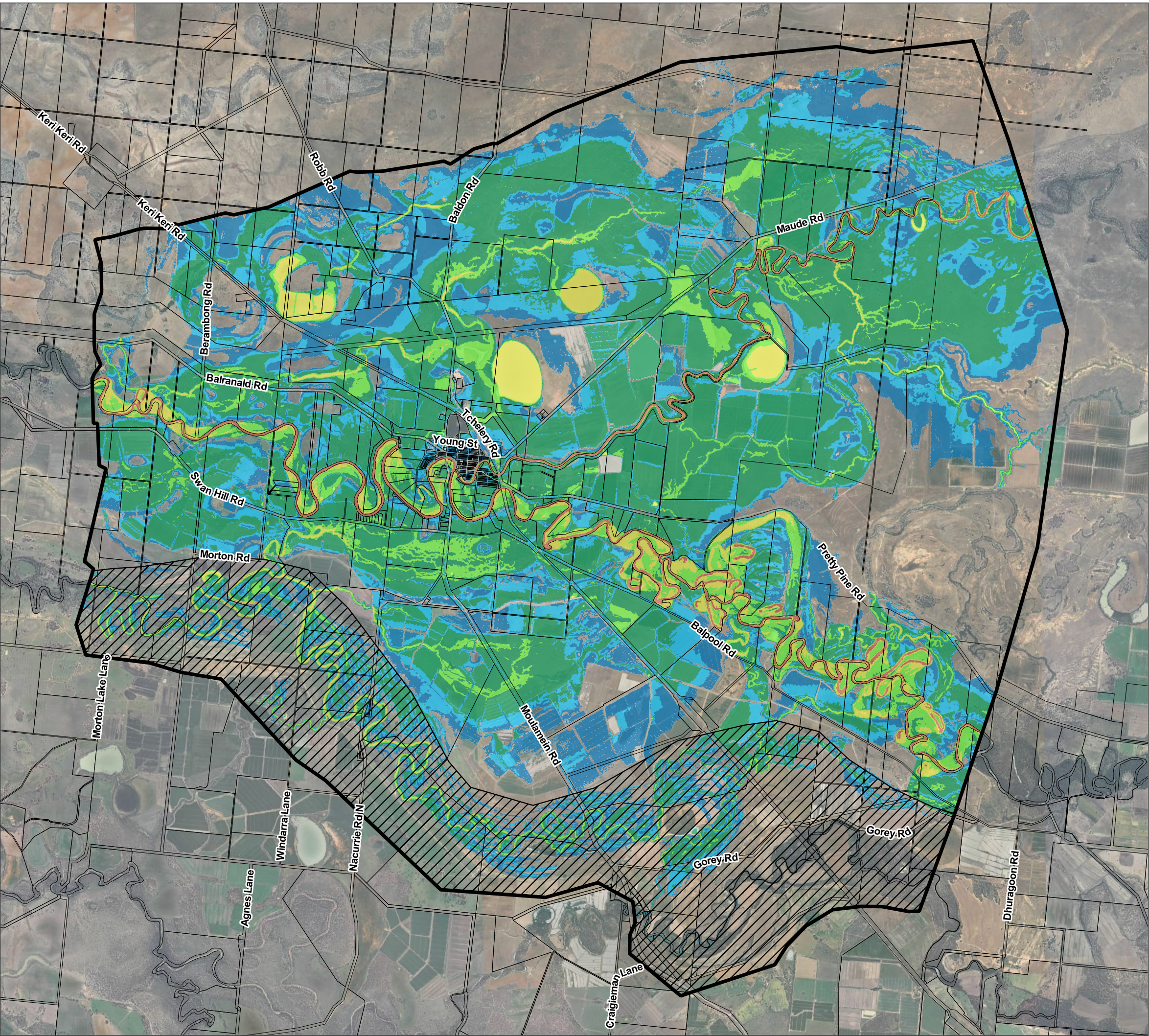
CIVIL | WATER | ENVIRONMENT

# Appendix G-57

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard**
  - H1 - No Restrictions
  - H2 - Unsafe for Small Vehicles
  - H3 - Unsafe for Vehicles, Children & Elderly
  - H4 - Unsafe for People & Vehicles
  - H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  - H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review










### Murray River Council

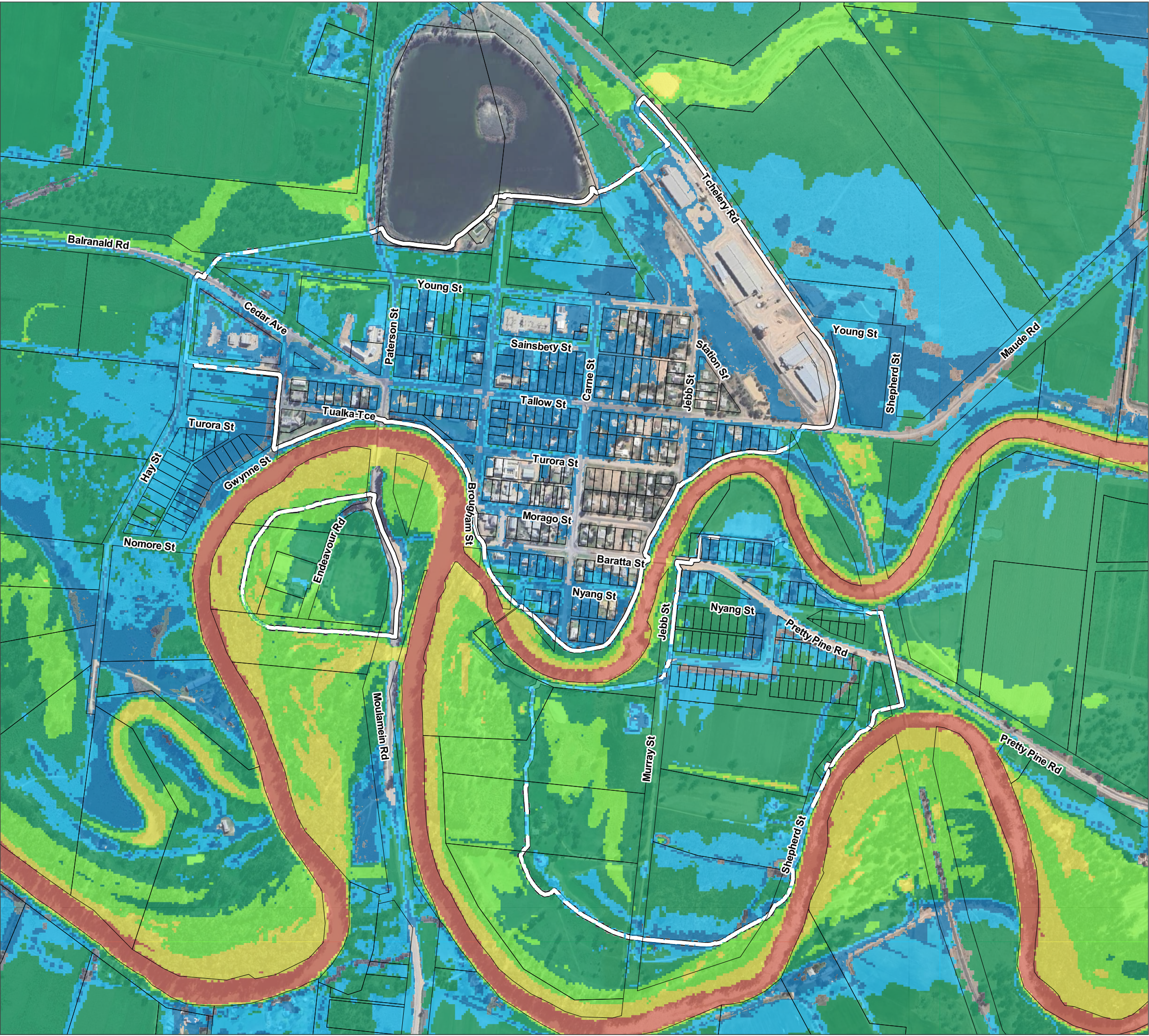


# Appendix G-58

## Riverine Flooding Peak Hydraulic Hazard 1% AEP Design Event

### LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025










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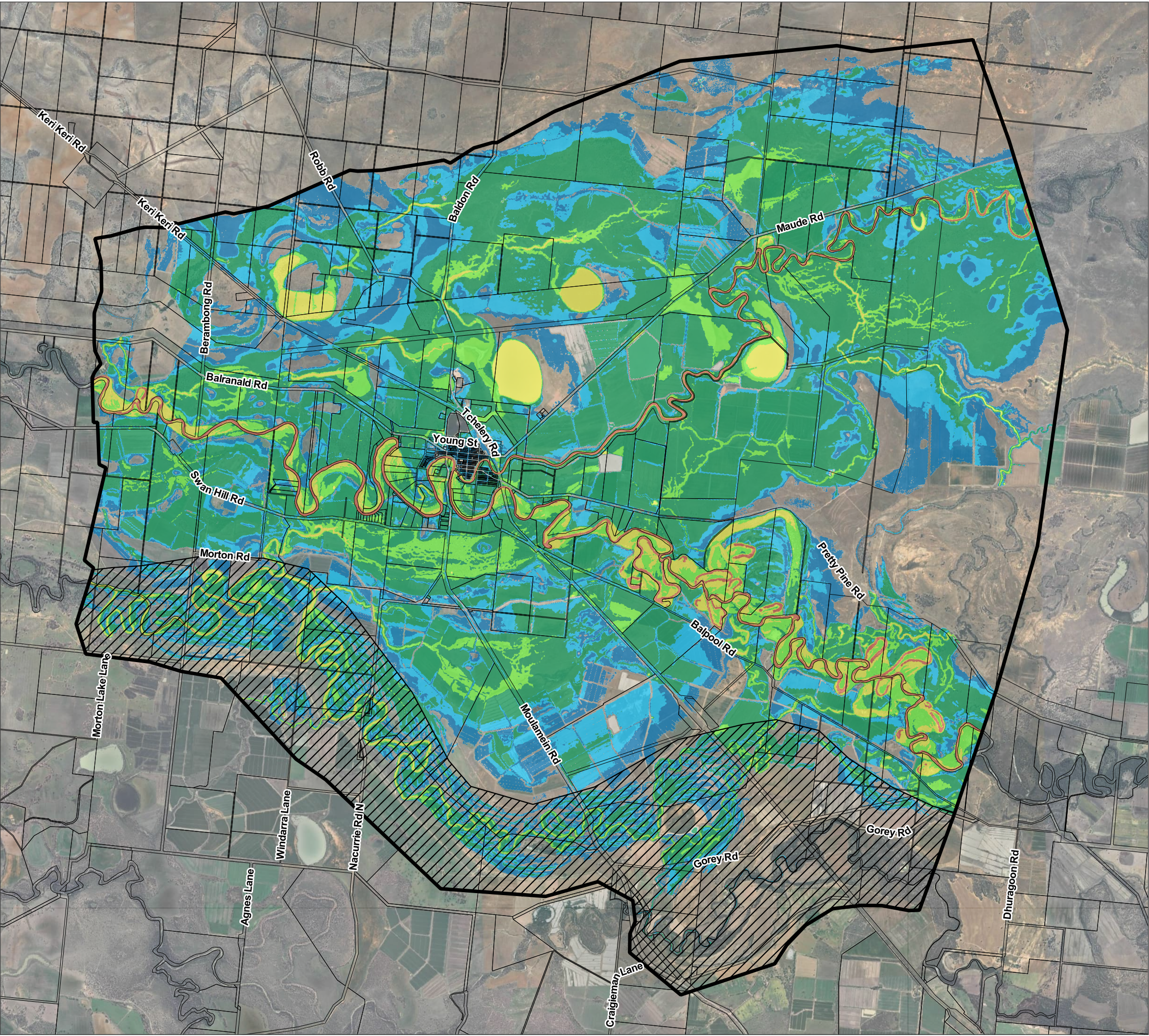


# Appendix G-59

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
-  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

### Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025










0 1.5 3 4.5 6 km

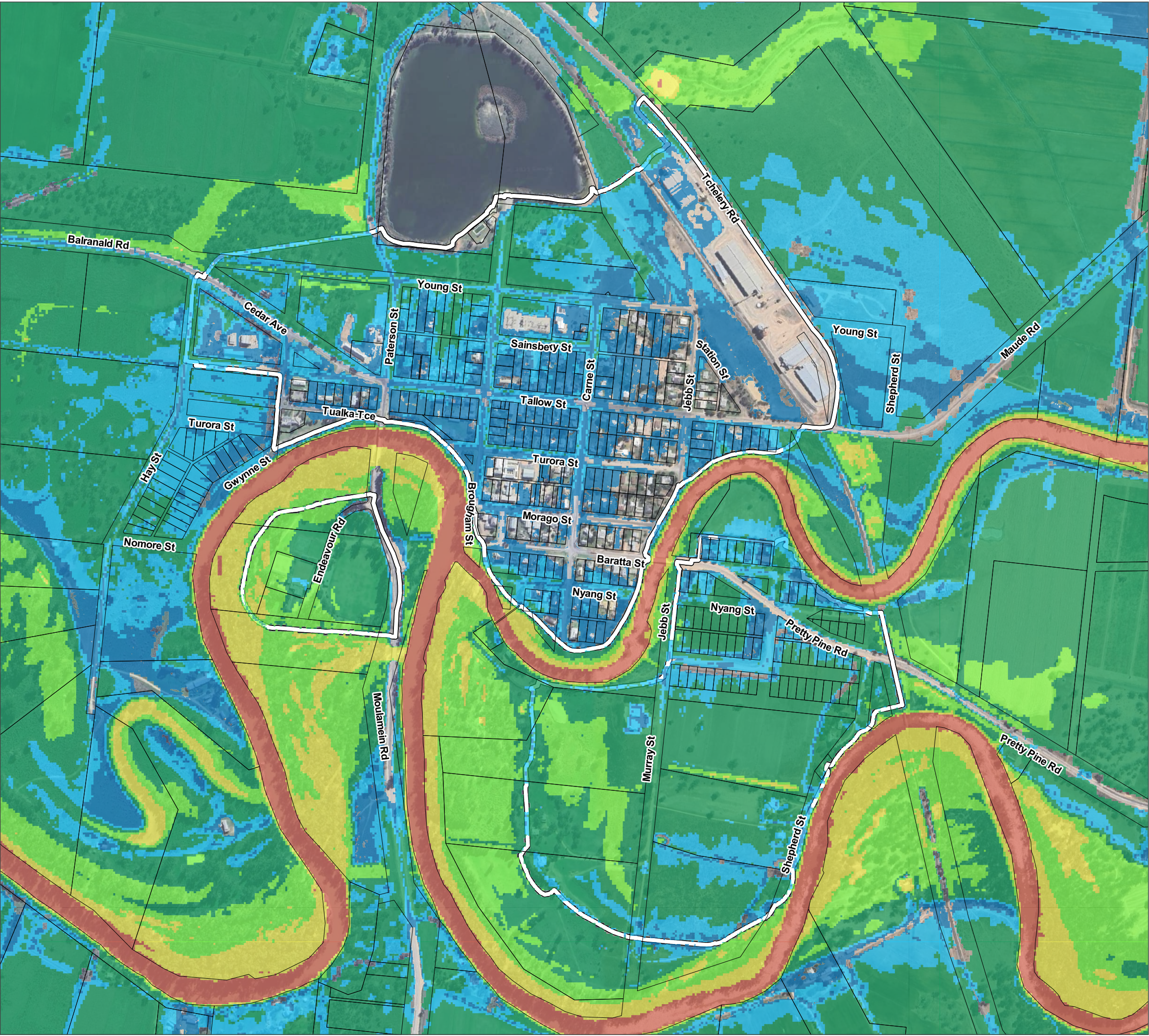


# Appendix G-60

Riverine Flooding  
Peak Hydraulic Hazard  
0.5% AEP Design Event

## LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



**Moulamein Flood Study Review**

**Murray River Council**



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025










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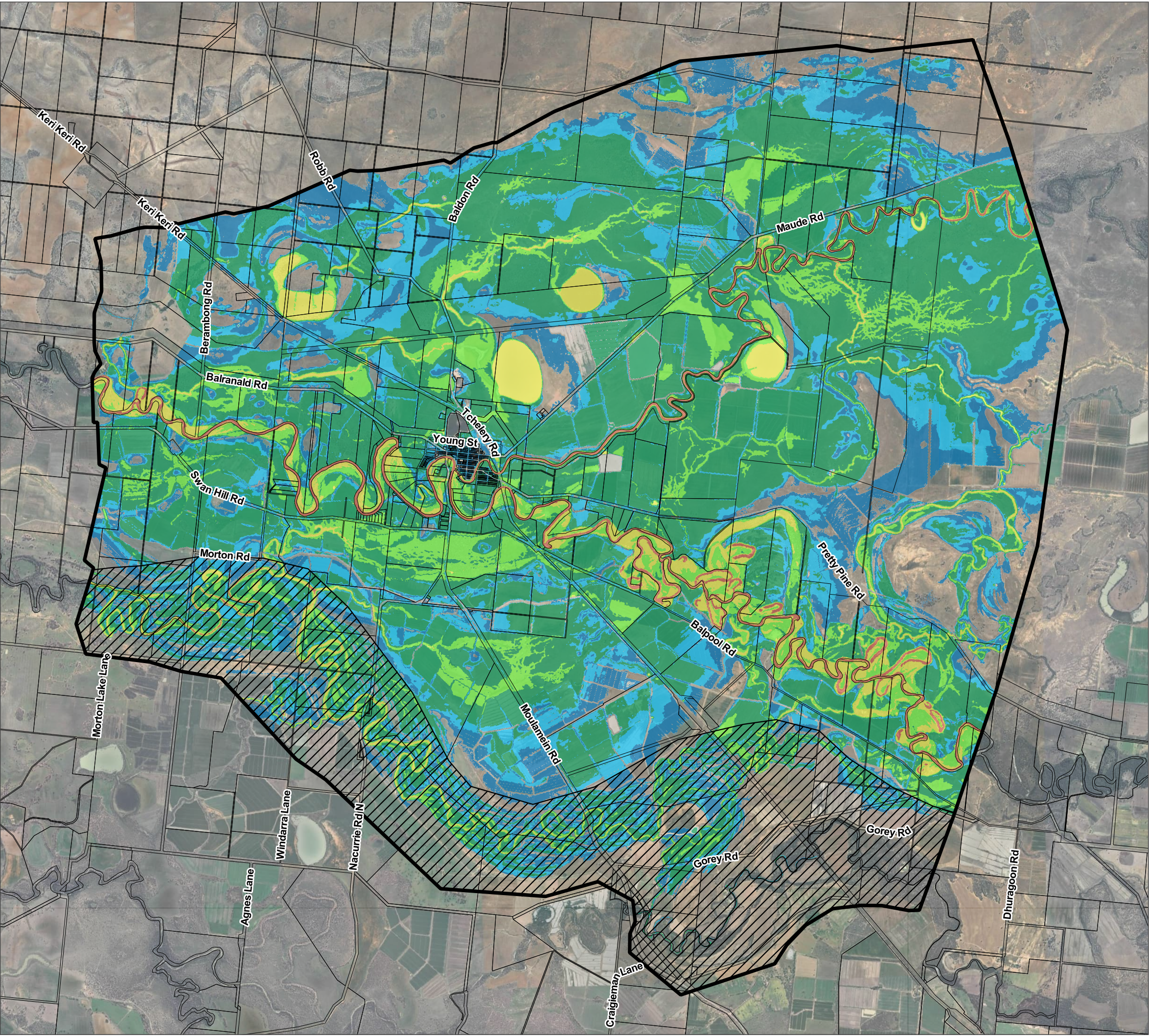


# Appendix G-61

## Riverine Flooding Peak Hydraulic Hazard 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 Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025












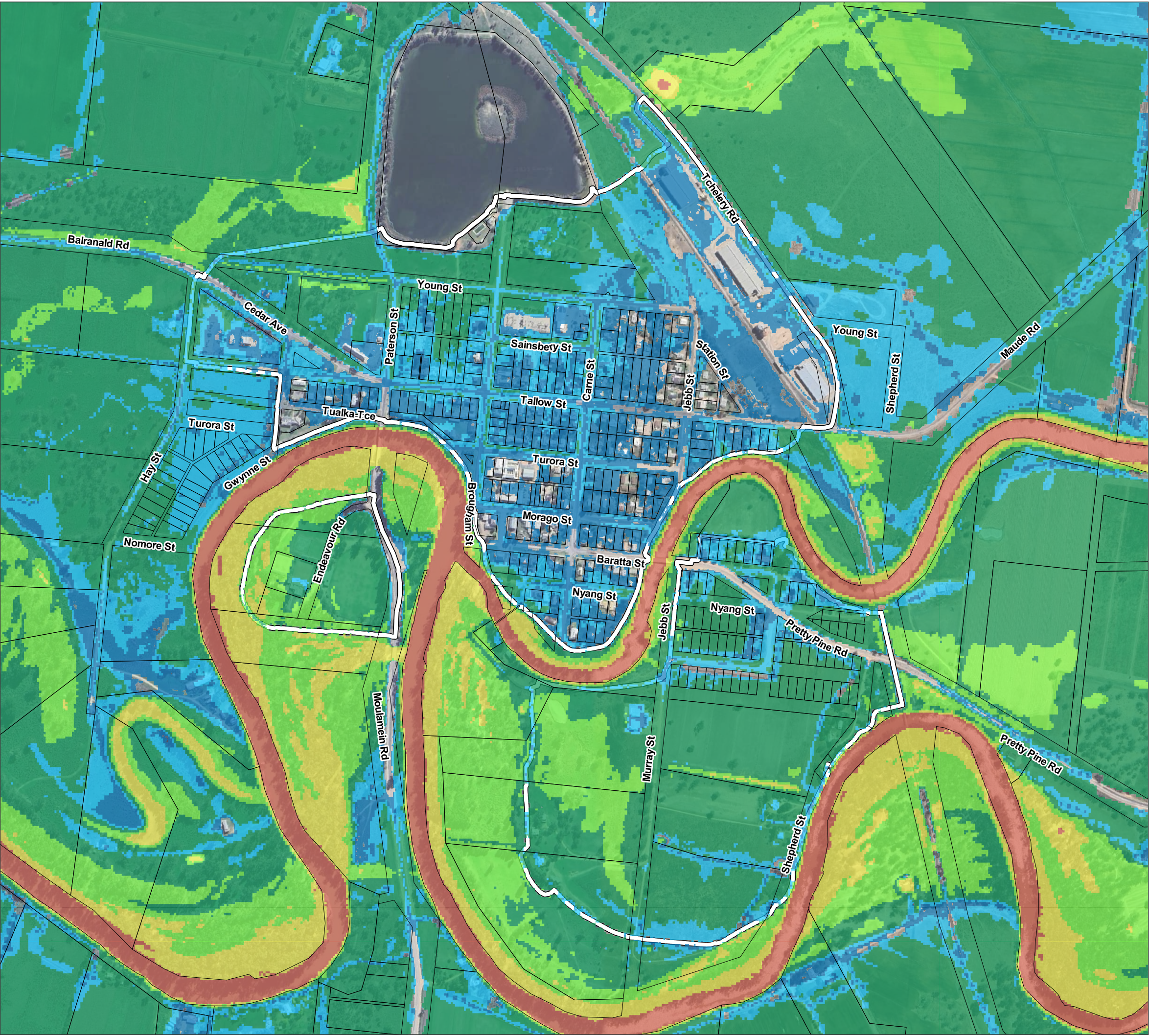


# Appendix G-62

Riverine Flooding  
Peak Hydraulic Hazard  
0.2% AEP Design Event

## LEGEND

-  Model Extent
-  Cadastre
-  Moulamein Town Levees
- Peak Flood Hazard
  -  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



**Moulamein Flood Study Review**

**Murray River Council**



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025










0 150 300 450 600 m

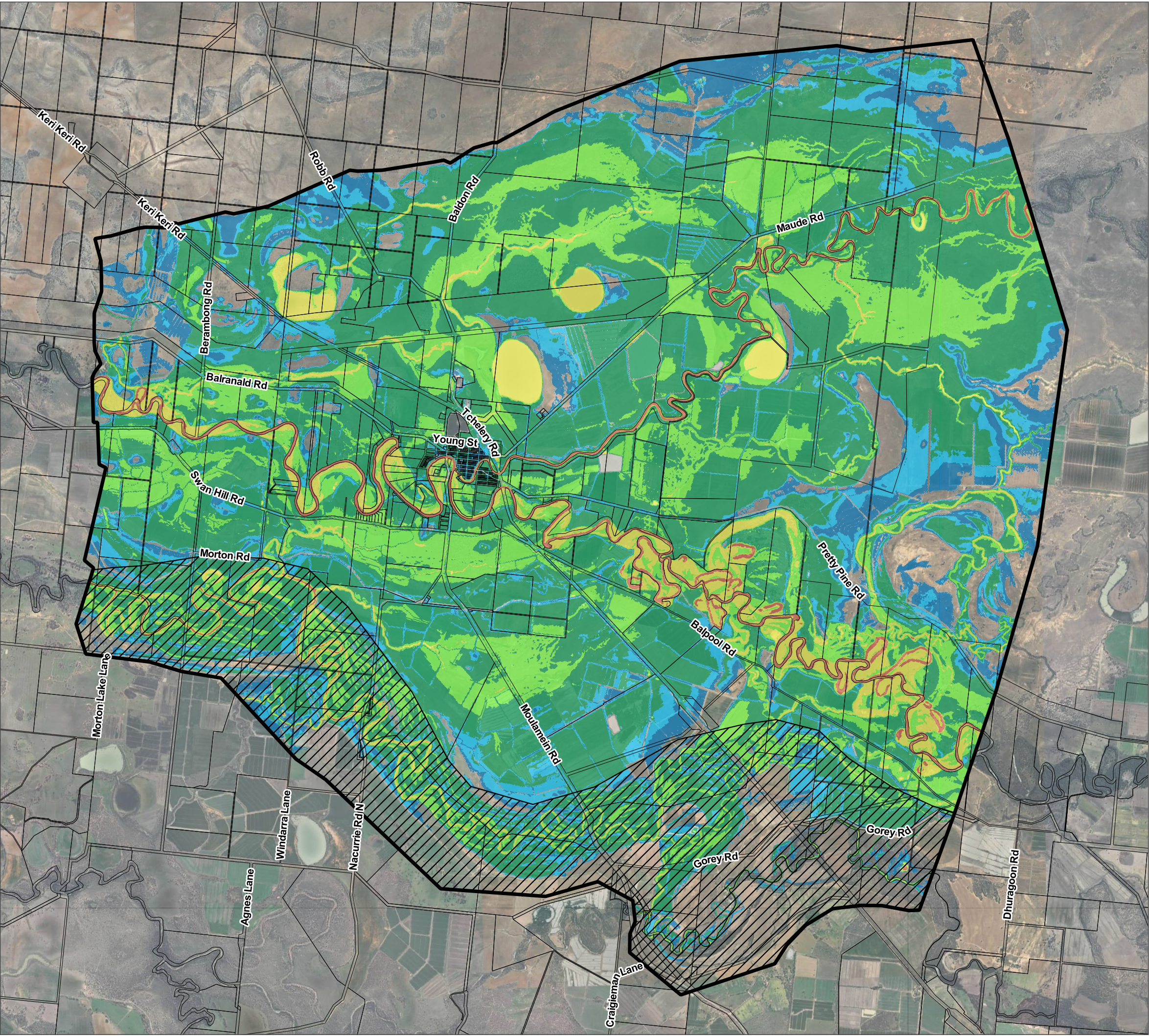


# Appendix G-63

## Riverine Flooding Peak Hydraulic Hazard PMF

### LEGEND

-  Riverine Model Extent
  -  Area Subject to Flooding from Yarrein Creek (Outside the Modelling Scope of this Flood Study Review)
  -  Cadastre
- Peak Flood Hazard
-  H1 - No Restrictions
  -  H2 - Unsafe for Small Vehicles
  -  H3 - Unsafe for Vehicles, Children & Elderly
  -  H4 - Unsafe for People & Vehicles
  -  H5 - Unsafe for People & Vehicles (Buildings Require Special Engineering Design and Construction)
  -  H6 - Not Suitable for People, Vehicles or Buildings



## Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:80000  
GDA2020 - MGA zone 55

Job No: 20215  
Date: 04/07/2025

0 1.5 3 4.5 6 km



Appendix G-64

Riverine Flooding  
Peak Hydraulic Hazard  
PMF

LEGEND

- Model Extent
- Cadastre
- Moulamein Town Levees
- Peak Flood Hazard
  - H1 - No Restrictions
  - H2 - Unsafe for Small Vehicles
  - H3 - Unsafe for Vehicles, Children & Elderly
  - H4 - Unsafe for People & Vehicles
  - H5 - Unsafe for People & Vehicles  
(Buildings Require Special Engineering Design and Construction)
  - H6 - Not Suitable for People, Vehicles or Buildings



Moulamein Flood Study Review

Murray River Council



A3 Scale: 1:8500  
GDA2020 - MGA zone 55  
Job No: 20215  
Date: 04/07/2025

0 150 300 450 600 m