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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

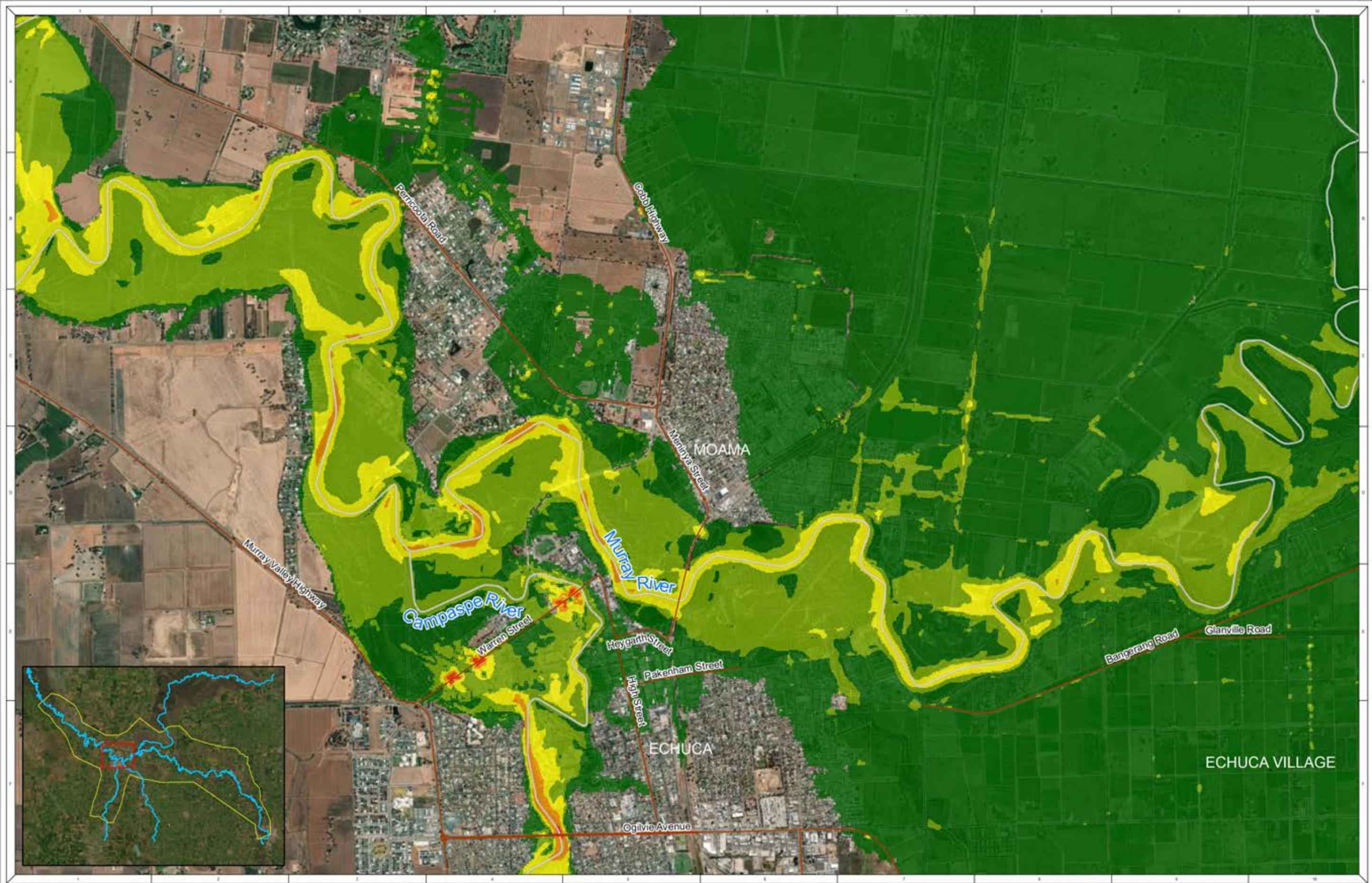
Roads	WSE Contour line (mAHD)	20% AEP Maximum Flood Depth (m)	0.3 - 0.5
Cadastral	Major Contour	0.1 - 0.3	0.5 - 1.0
River	Minor Contour		> 1.0m depth symbol"/> > 1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 1 - 20% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/01/2024



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LEGEND

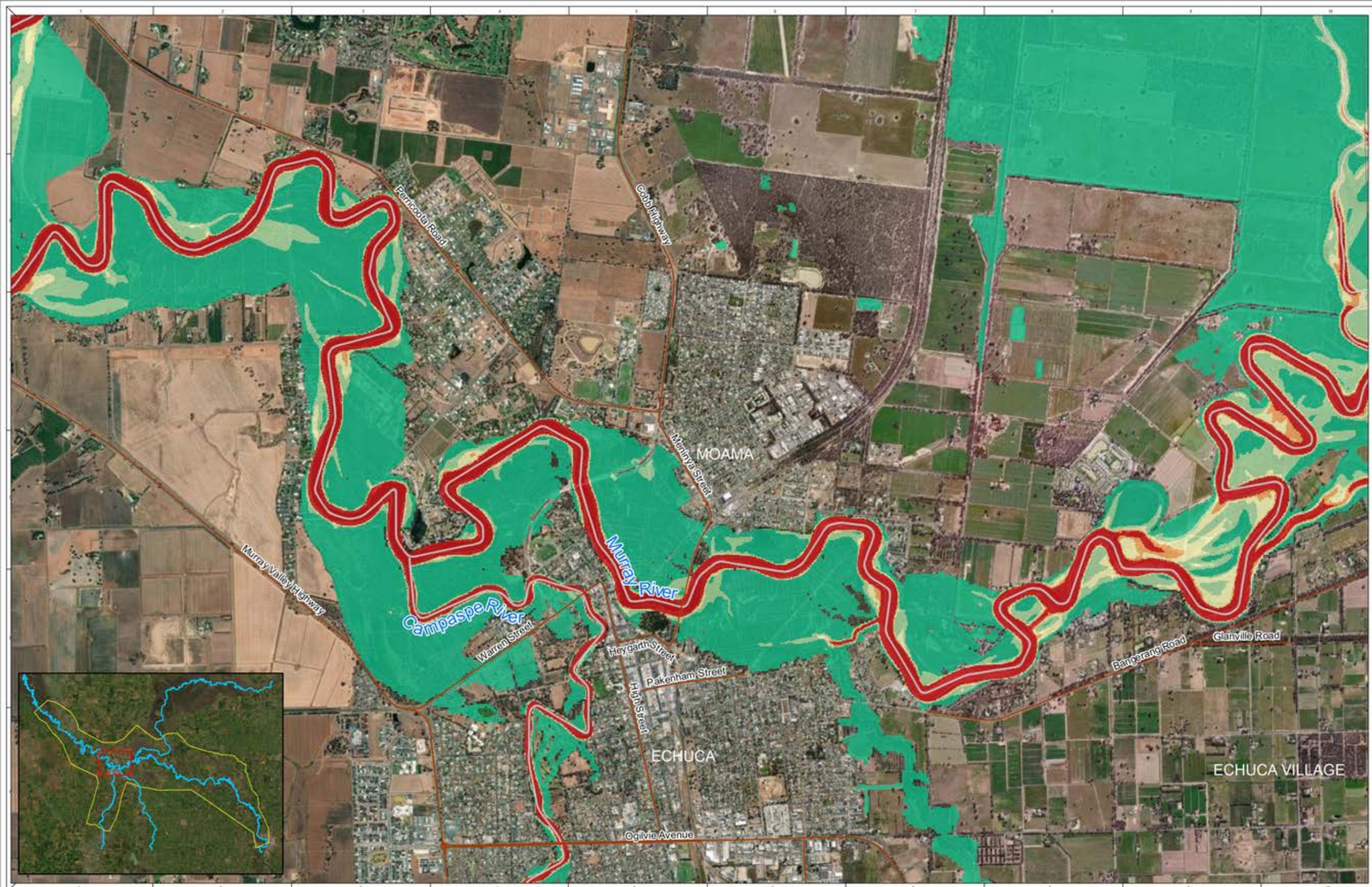
Roads	River	0.2% AEP Maximum Velocity (m/s)	0.25 - 0.5	1.0 - 2
Cadastral		0 - 0.25	0.5 - 1.0	> 2.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 2 - 20% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023 SHEET: 14 DRAWING NUMBER: 2023-01-001



NOTE: Flood Technology Pty Ltd has prepared this document in accordance with instructions of Campaspe Shire Council. Flood Risk Council for their specific use.

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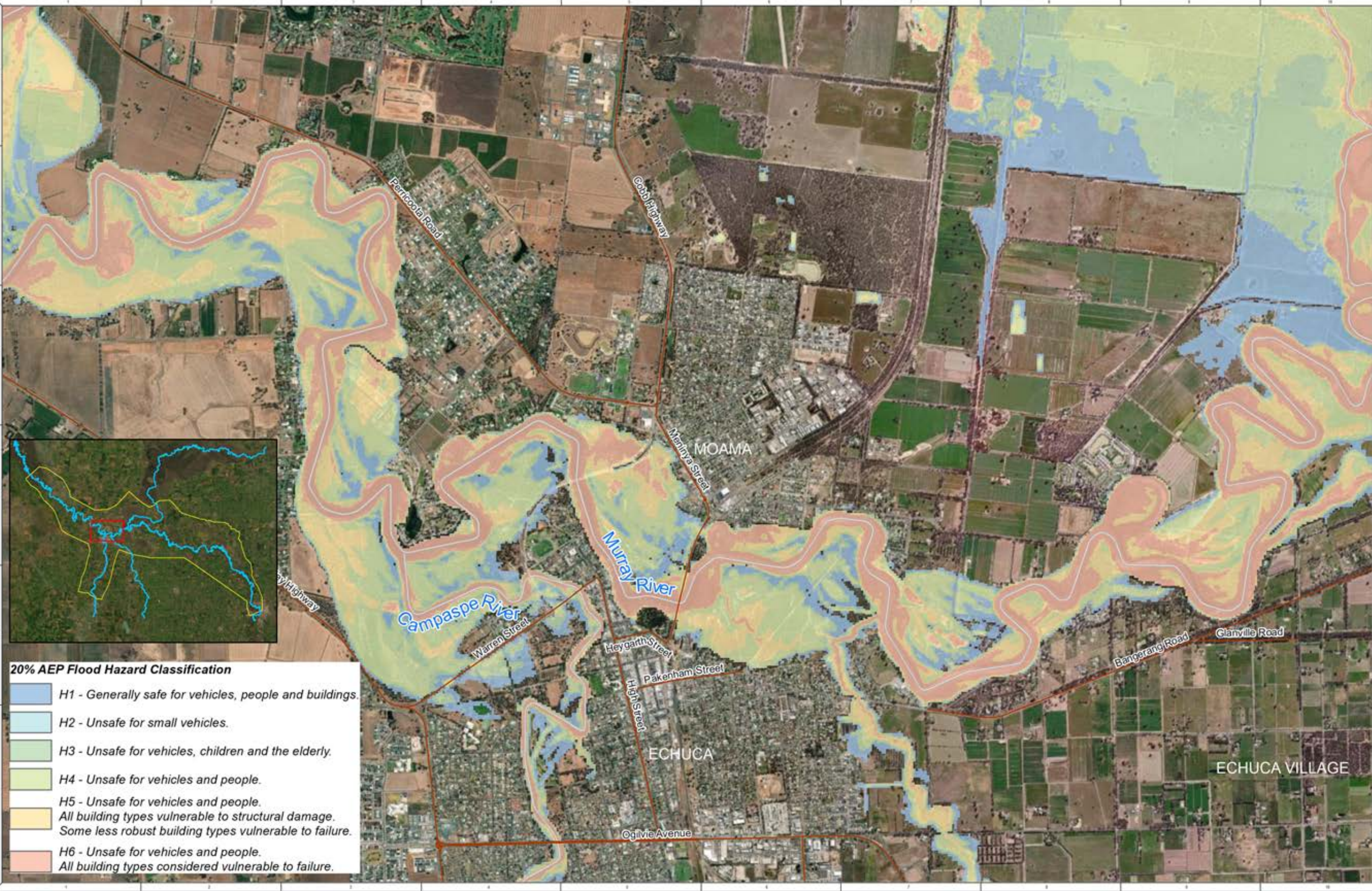
LEGEND

- Roads
- Cadastral
- River
- 20% AEP Maximum VxD (m²/s)
- 0
- 0.25
- 0.5
- 0.75
- 1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 3 - 20% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study



- 20% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual situations. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- Cadastre
- River

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 4 - 20% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)**
 - Major Contour
 - Minor Contour

20% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 0.15 0.3 0.45 Kilometers

1:16,127 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 5 - 20% AEP Flood Depth (Echuca)
Echuca-Moama-Torrumbarry Flood Study

REVISED: _____ DATE: _____



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	20% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	

0 0.15 0.3 0.6 Kilometers

1:16,127 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 6 - 20% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202301

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	20% AEP Maximum VxD (m³/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

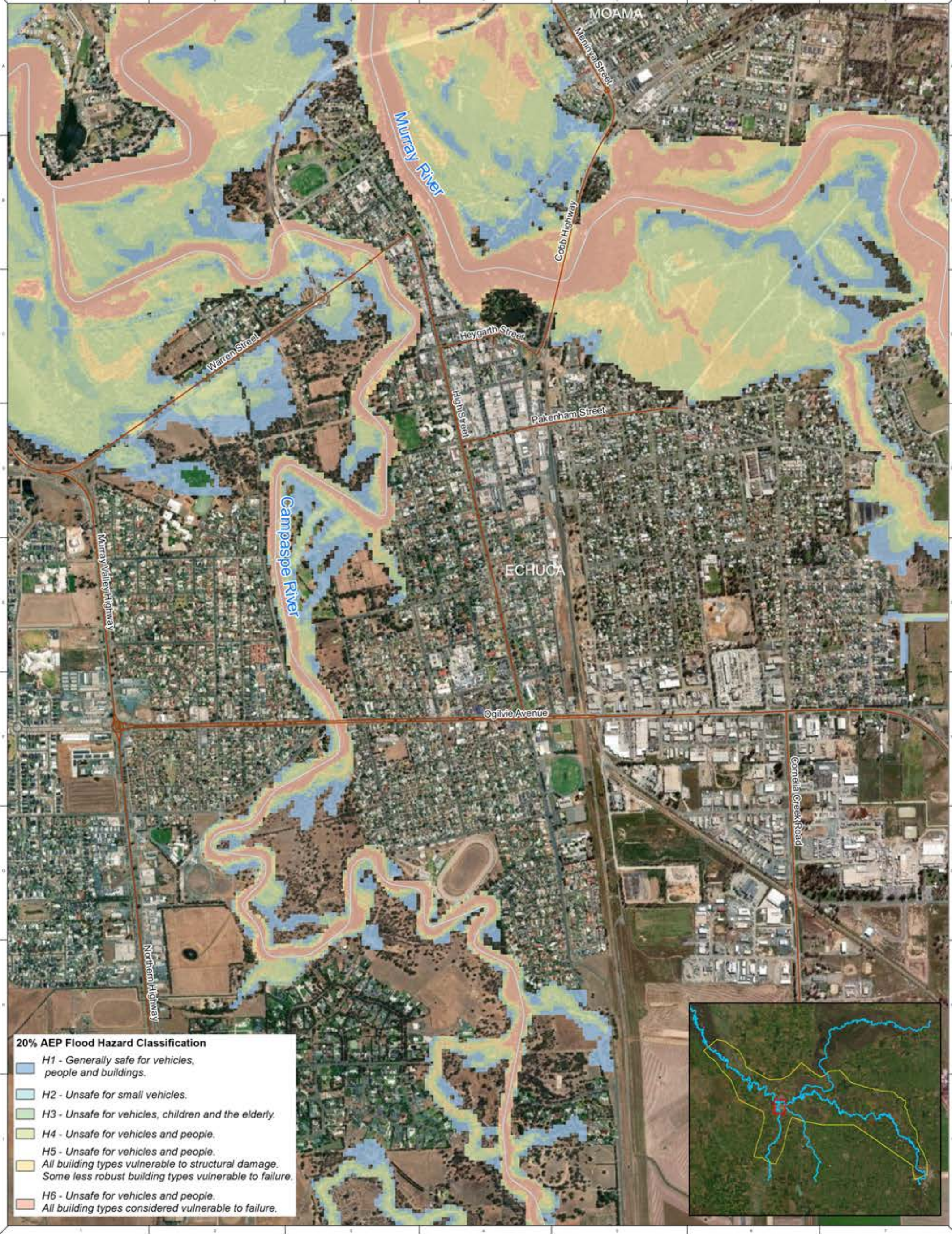
Scale: 0 0.5 1.0 2.0 Kilometers

1:16,127 at A3

Map 7 - 20% AEP Flood VxD (Echuca)
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE	BY	DESCRIPTION



20% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

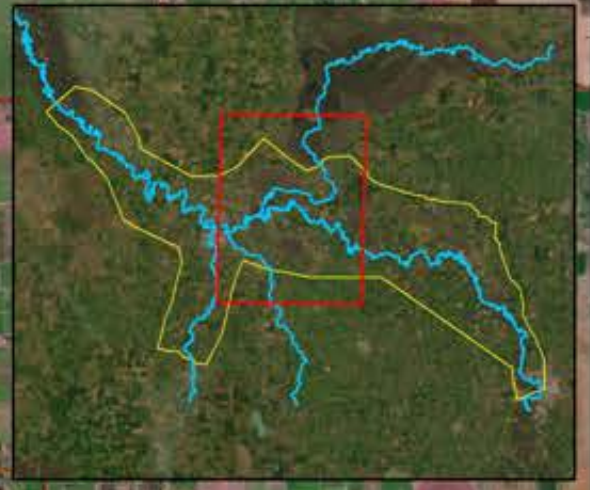
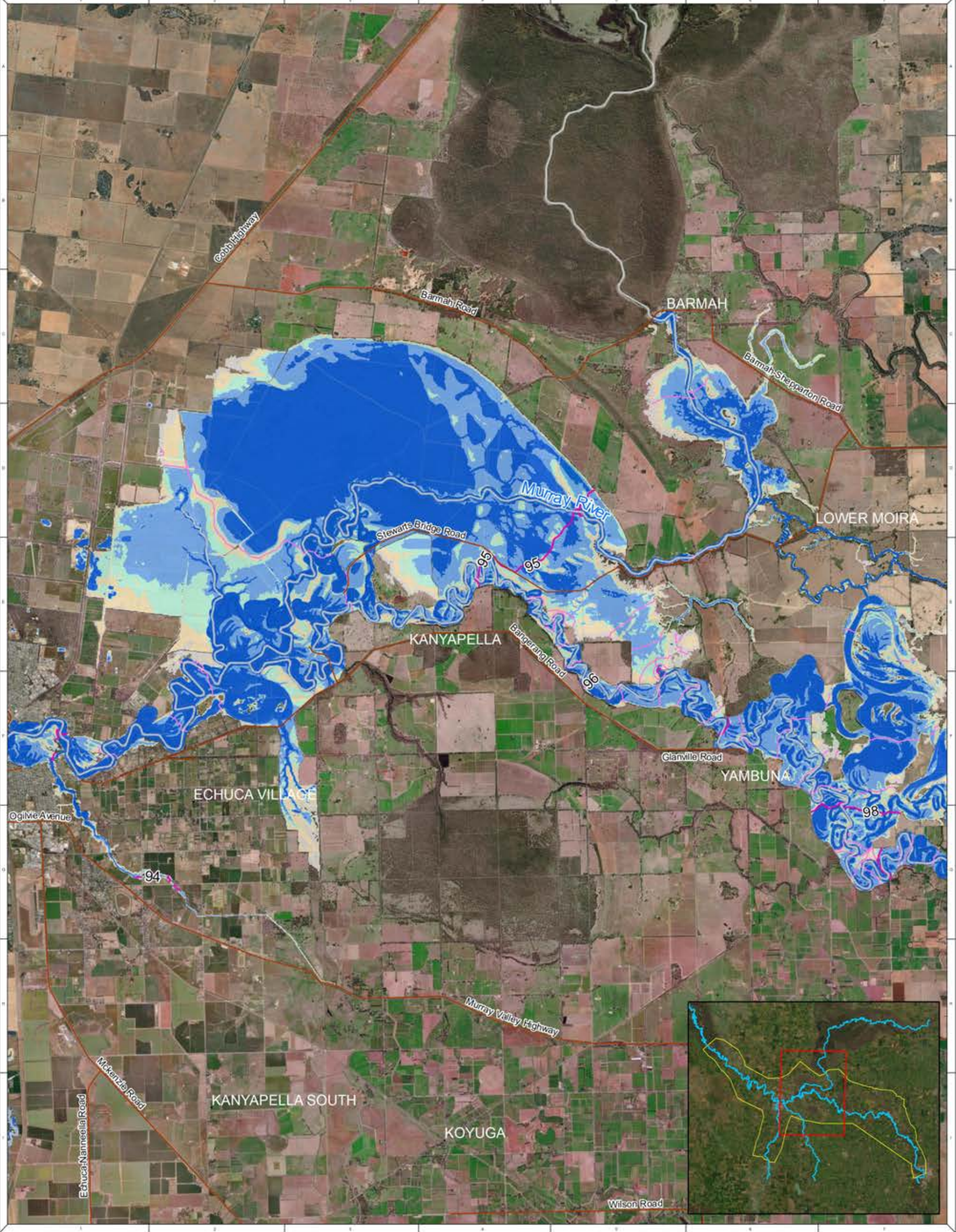


0 0.15 0.3 0.45 Kilometers

1:16,100 at A3



Map 8 - 20% AEP Flood Hazard (Echuca)
Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartography: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line
- Major Contour
- Minor Contour

20% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Water Planning & Engineering Laboratory

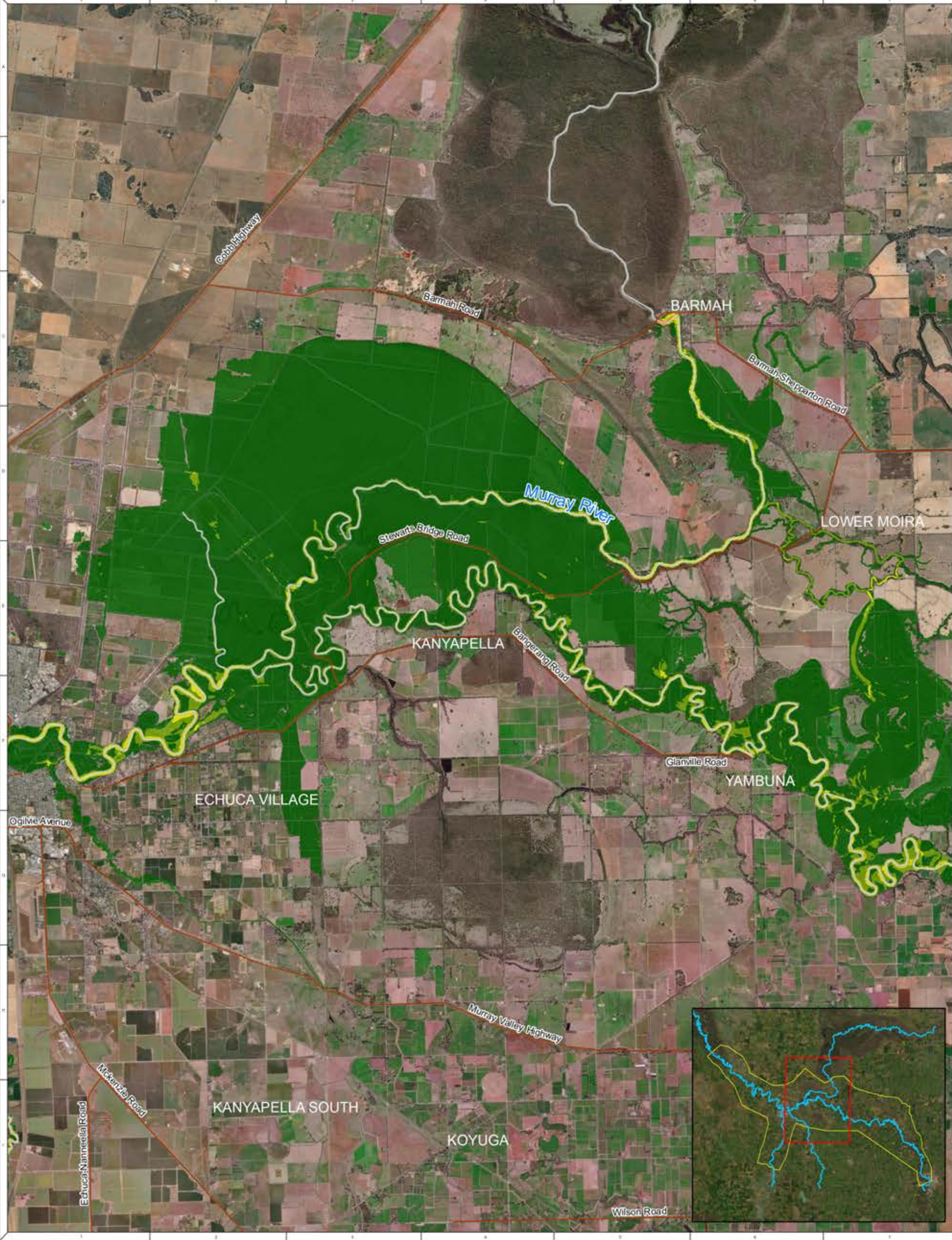
Map 9 - 20% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

PROJECT NUMBER: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	20% AEP Maximum Velocity	0.5 - 1.0
Cadastral	1.0 - 2.0	
River	0.25 - 0.5	> 2.0

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

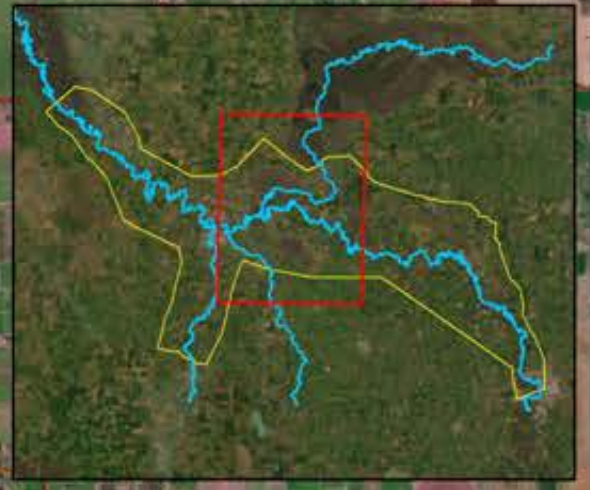
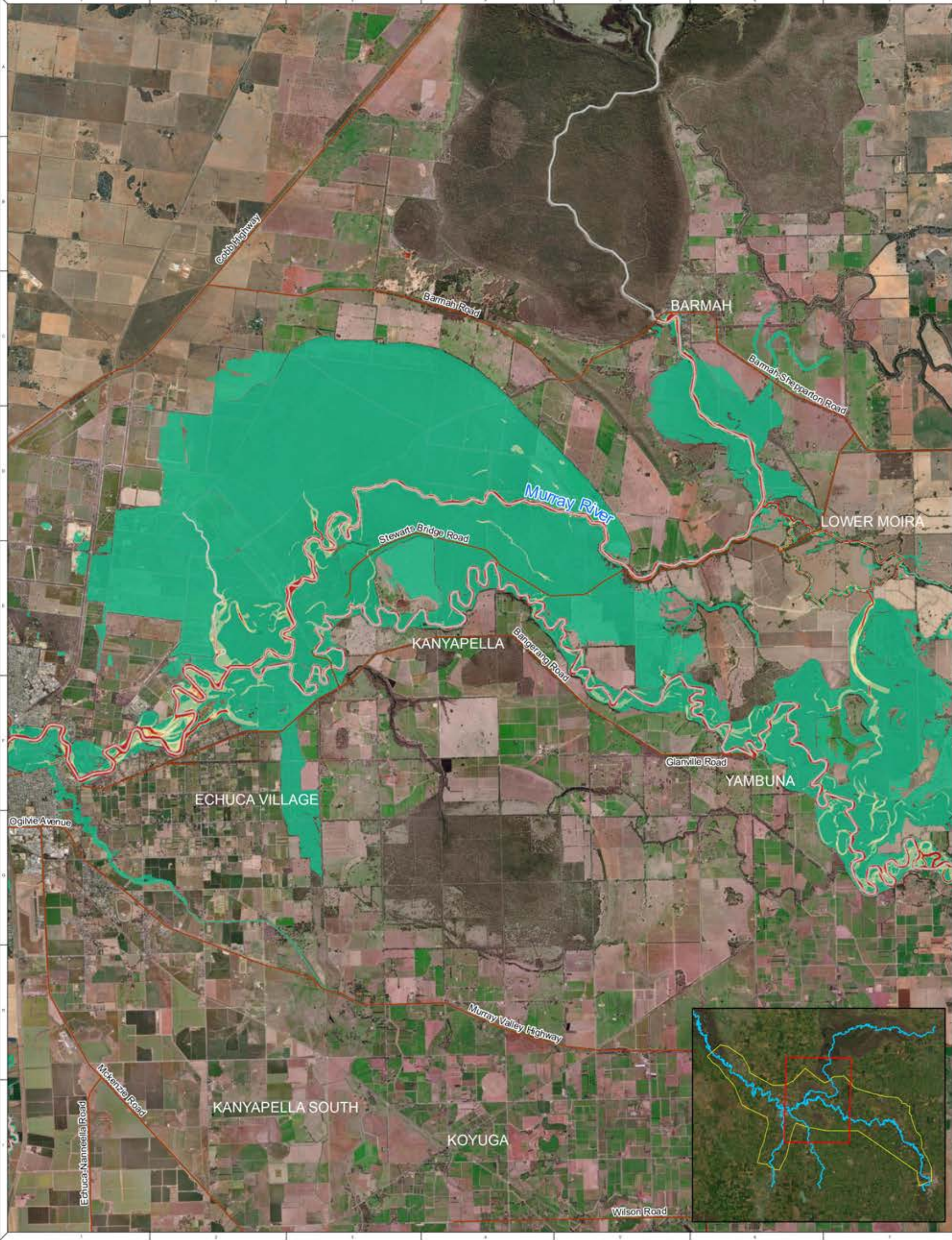
Map 10 - 20% AEP Flood Velocity (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

DRAWING NUMBER: [Blank]



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LEGEND

Roads	20% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

Map 11 - 20% AEP Flood VxD (Kanyapella)
Echuca-Moama-Torrumbarry Flood Study

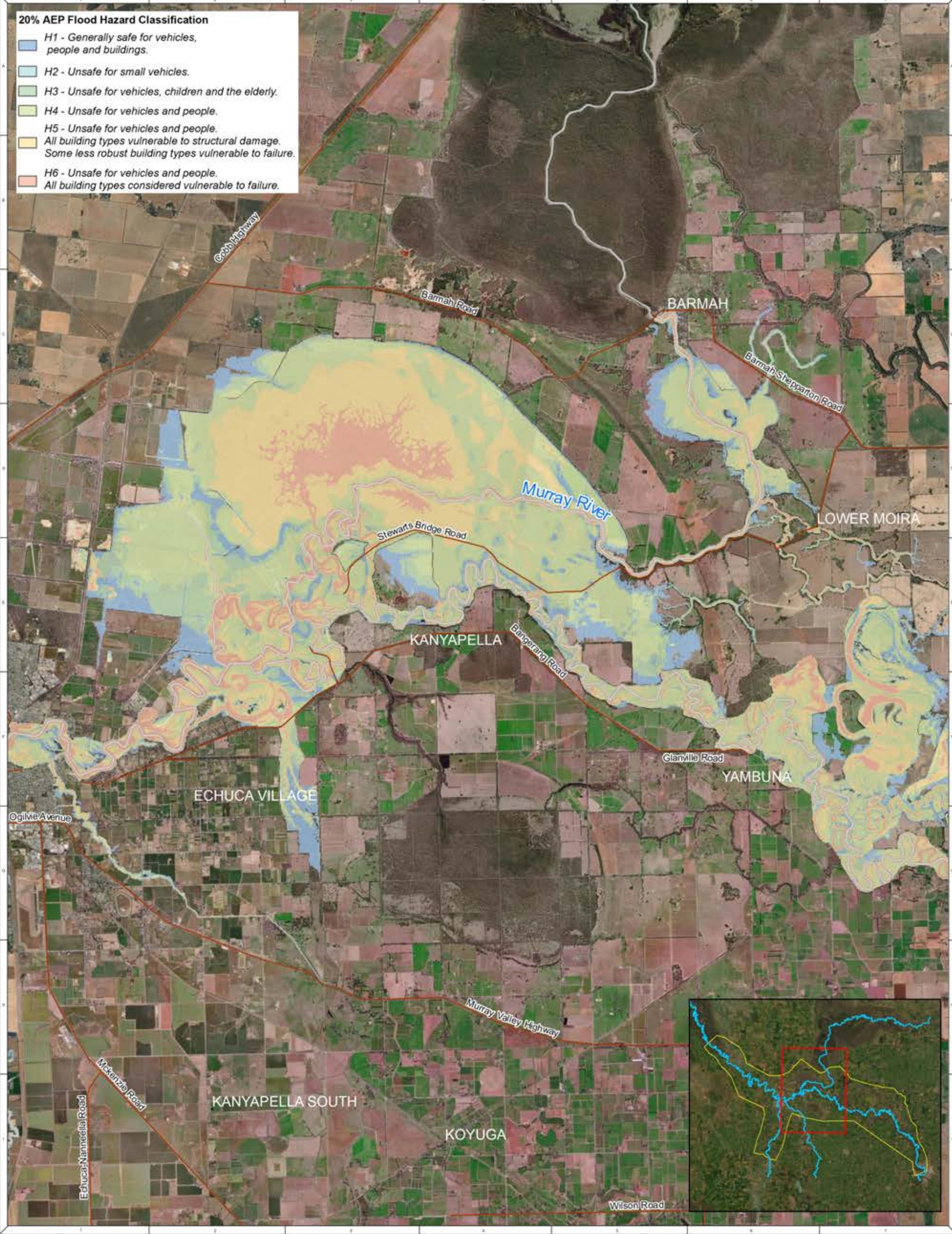
DATE: 10/01/2023

PROJECT: 202201

DRAWING NO: 11/000

20% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



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LEGEND

- Roads
- Cadastre
- River

0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 12 - 20% AEP Flood Hazard (Kanyapella)

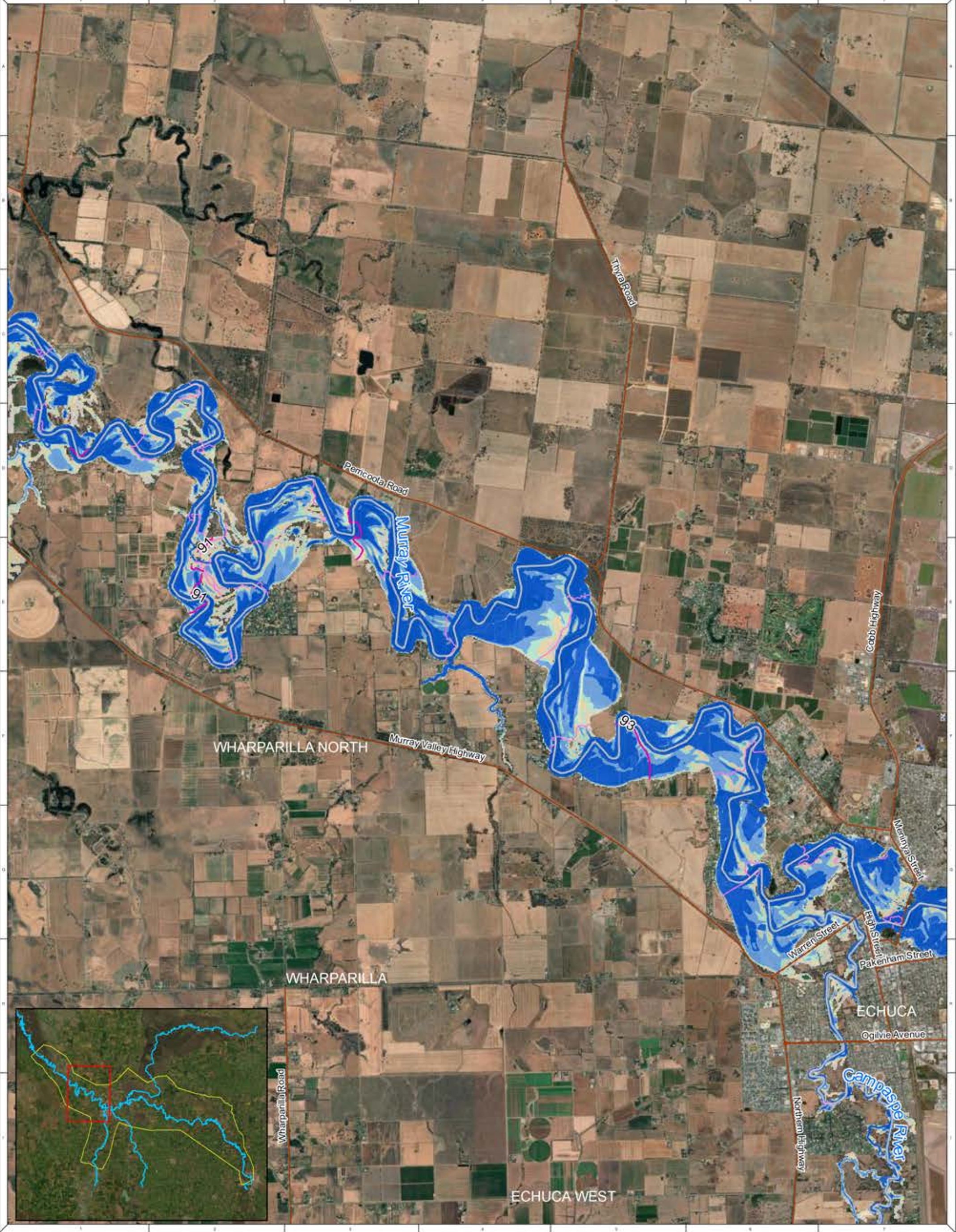
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE

BY

APPROVED BY



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
- Major Contour
- Minor Contour

20% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

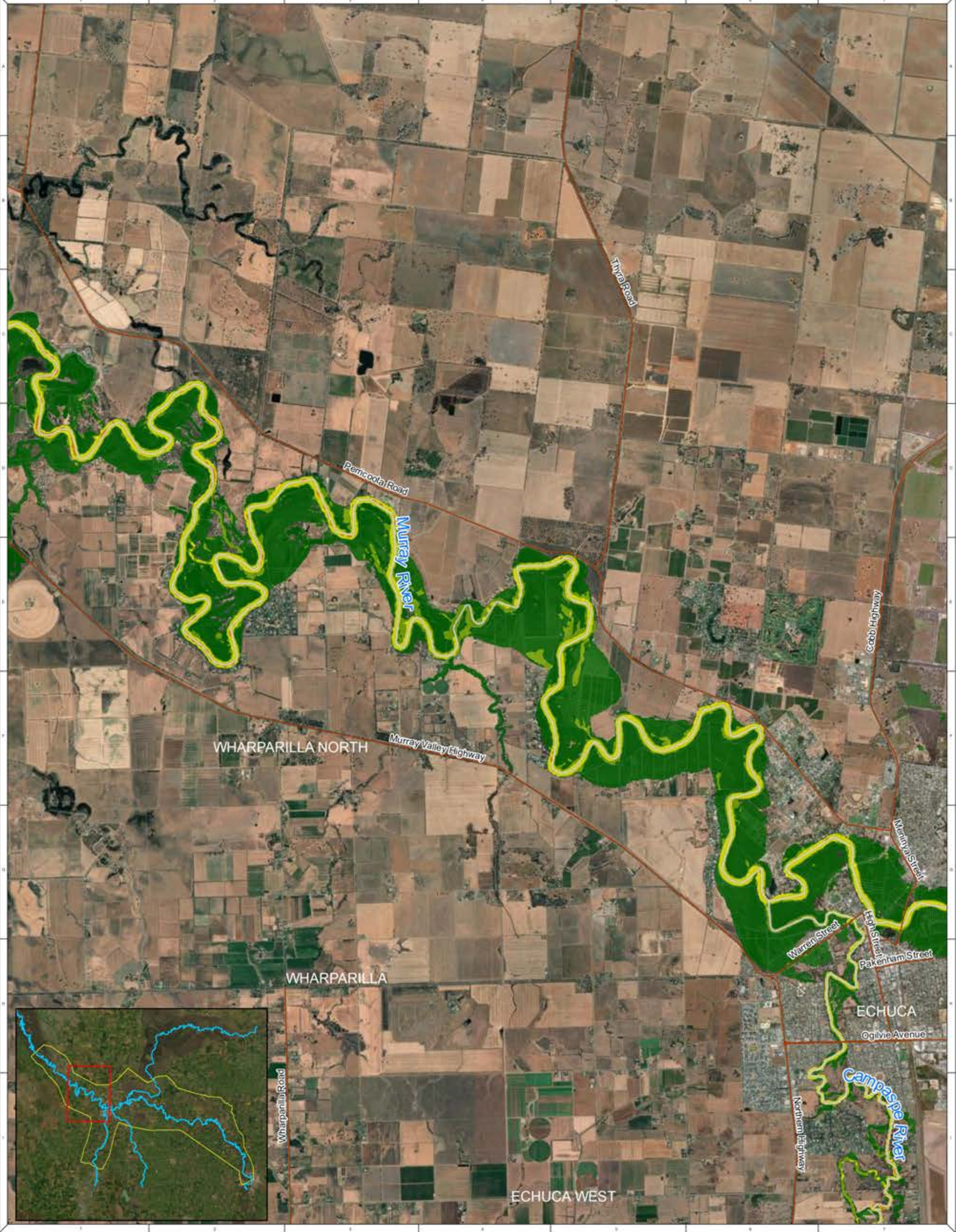
Map 13 - 20% AEP Flood Depth (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023

PROJECT: 202301

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	20% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	

0 0.5 1 2 Kilometers

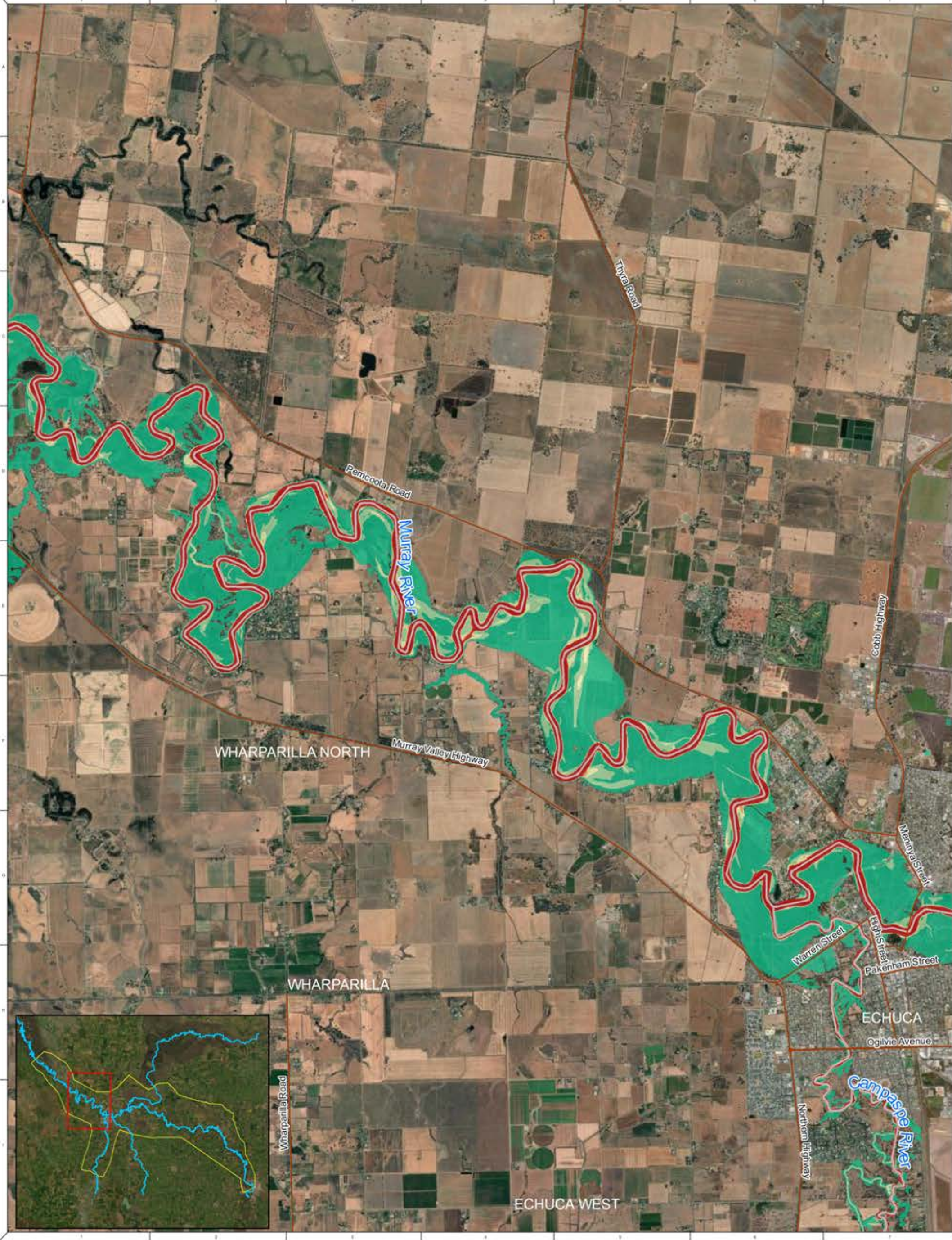
1:61,000 at A3

Map 14 - 20% AEP Flood Velocity (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023

PROJECT: 202301

DRAWING NO: 14/001



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LEGEND

Roads	20% AEP Maximum VxD (m³/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 15 - 20% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

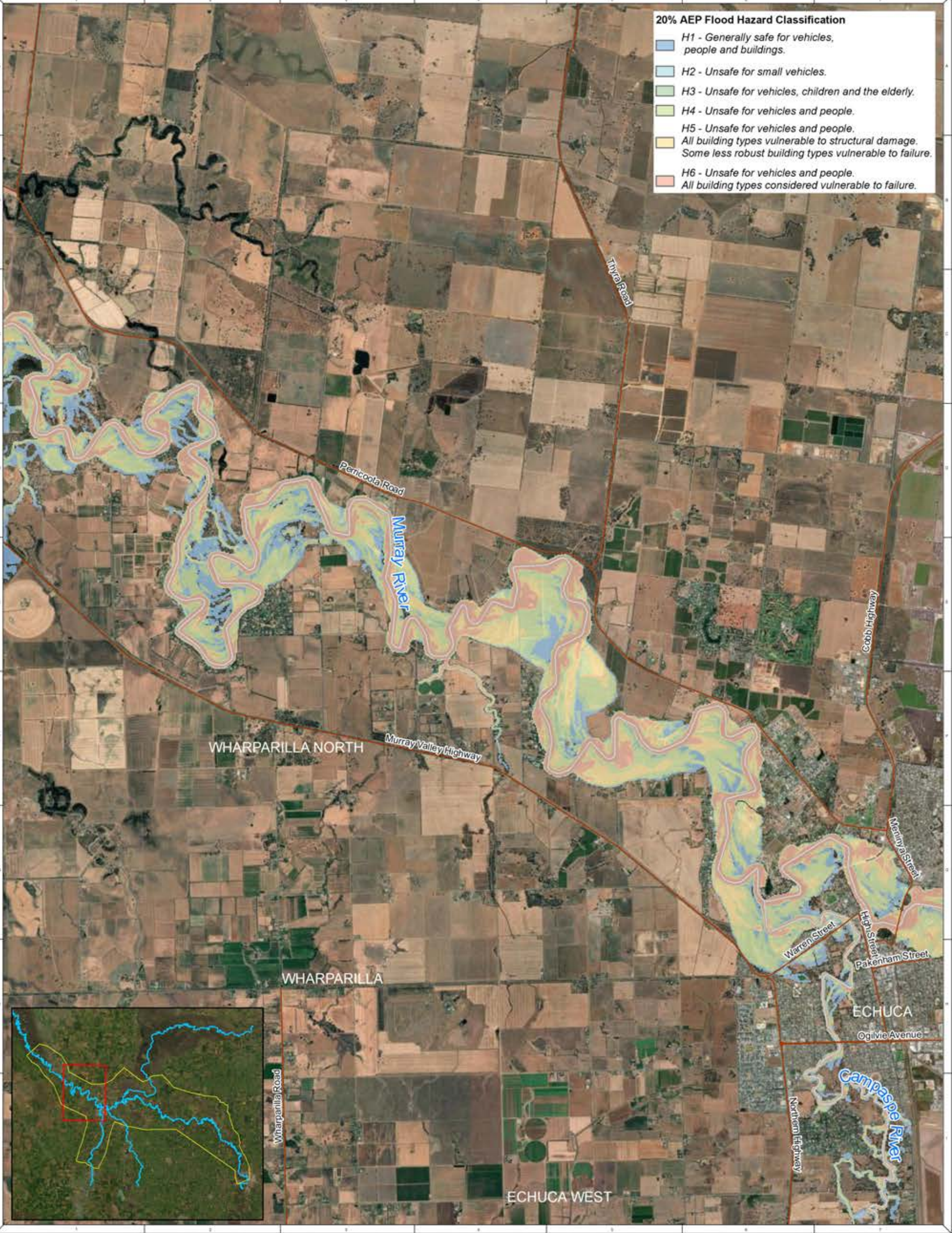
DATE: 10/07/2023

PROJECT: 202301

ISSUE: 01

20% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,000 at A3

murray river council

Campaspe Shire Council

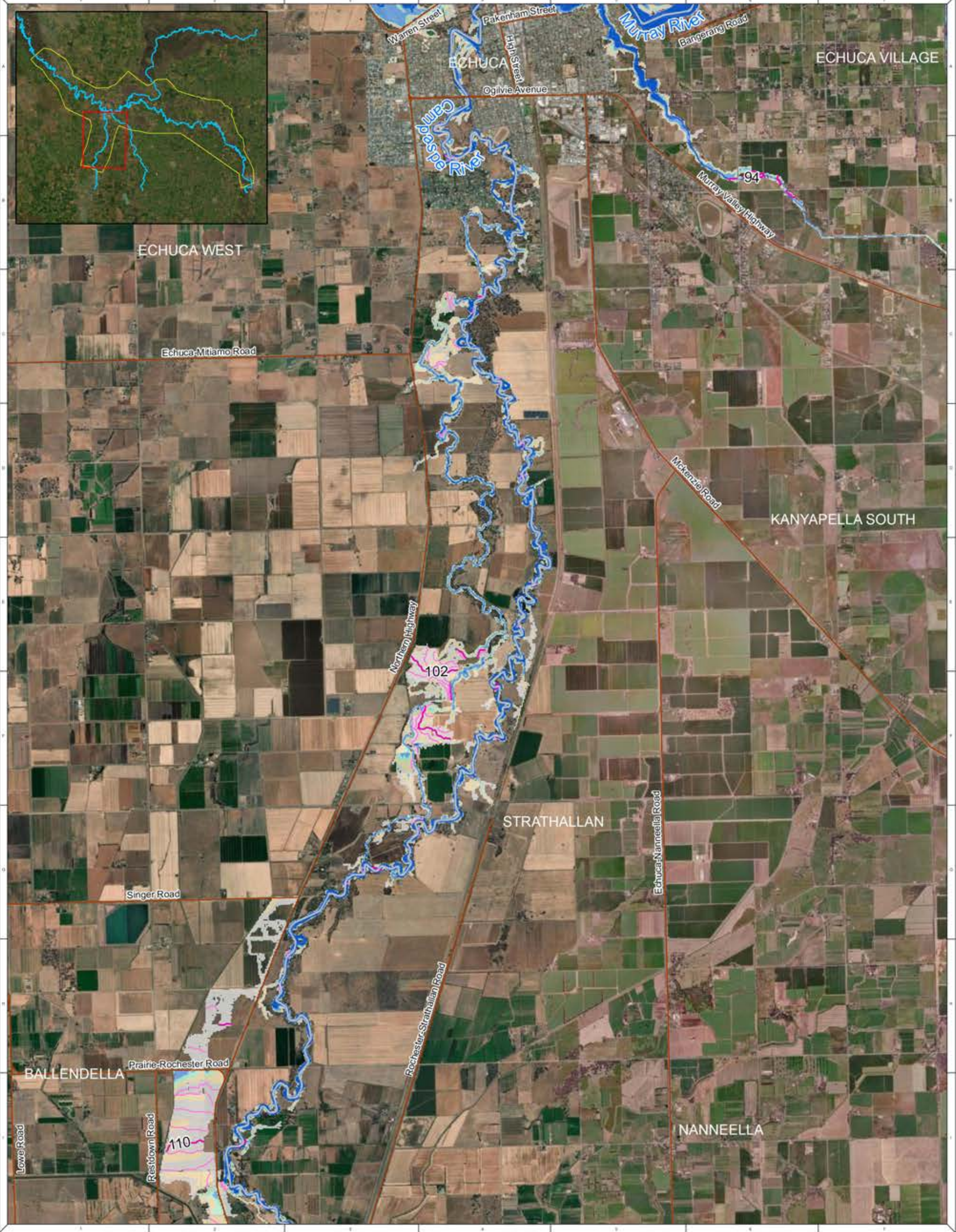
WATER TECHNOLOGY

Map 16 - 20% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 16/03/23

PROJECT: 2023-01-000001



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)**
 - Major Contour
 - Minor Contour

20% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

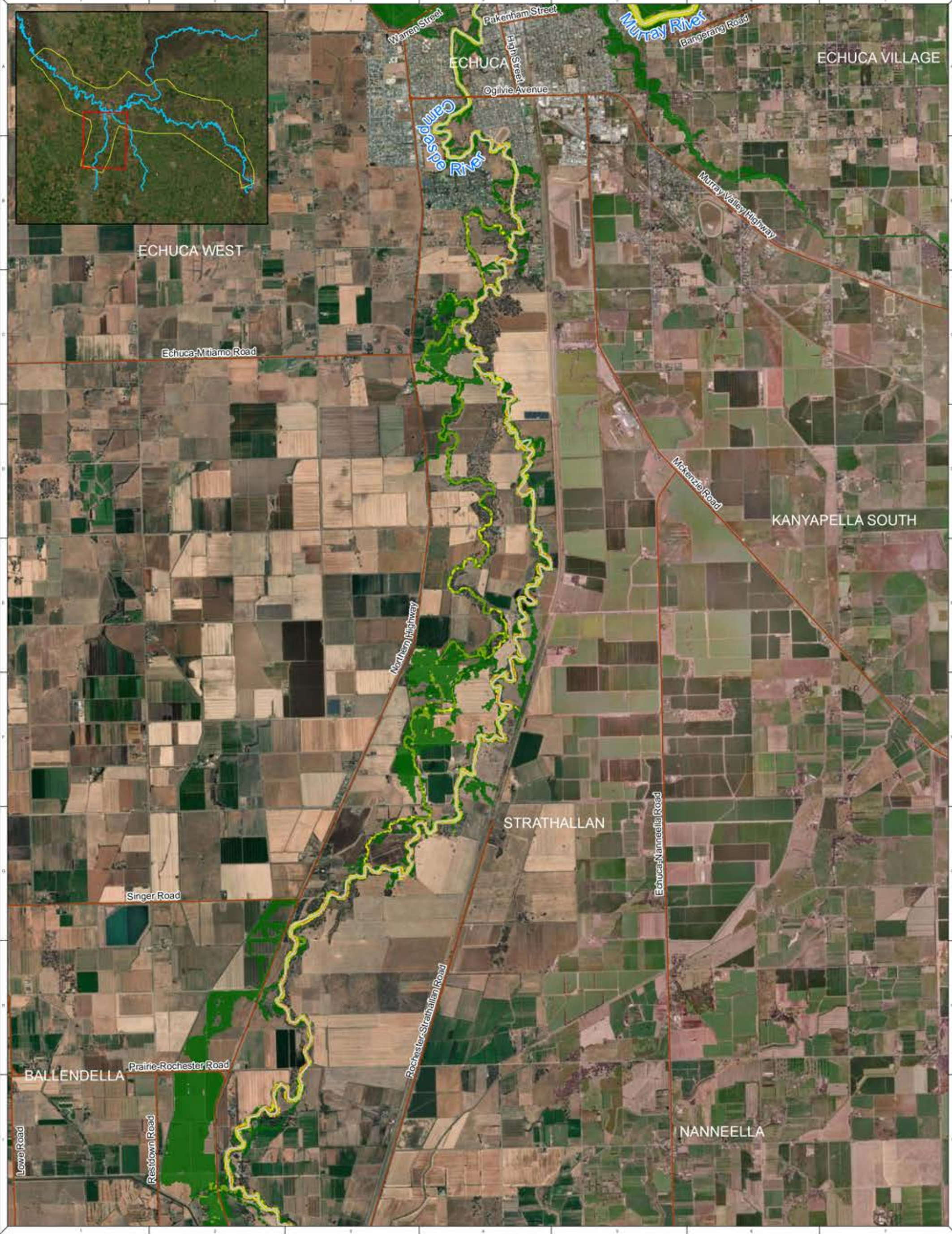
Map 17 - 20% AEP Flood Depth (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202301

REVISION: 000000



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LEGEND

Roads	20% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

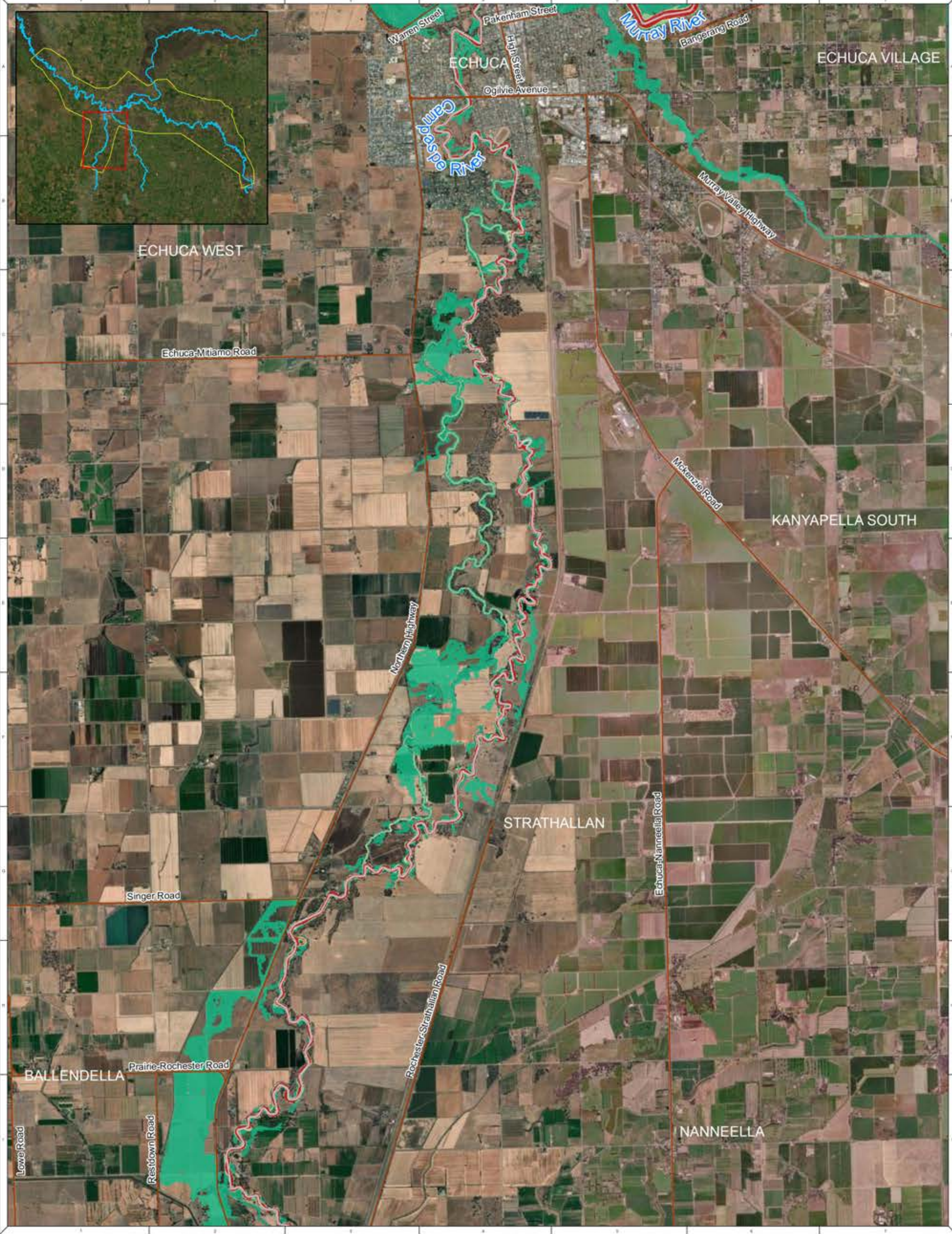
WATER TECHNOLOGY

Map 18 - 20% AEP Flood Velocity (Campaspe)
Echuca-Moama-Torrumbarry Flood Study

REVISED: 10/01/2023

DWT: 10/01/2023

10/01/2023



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	20% AEP Maximum VxD (m³/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

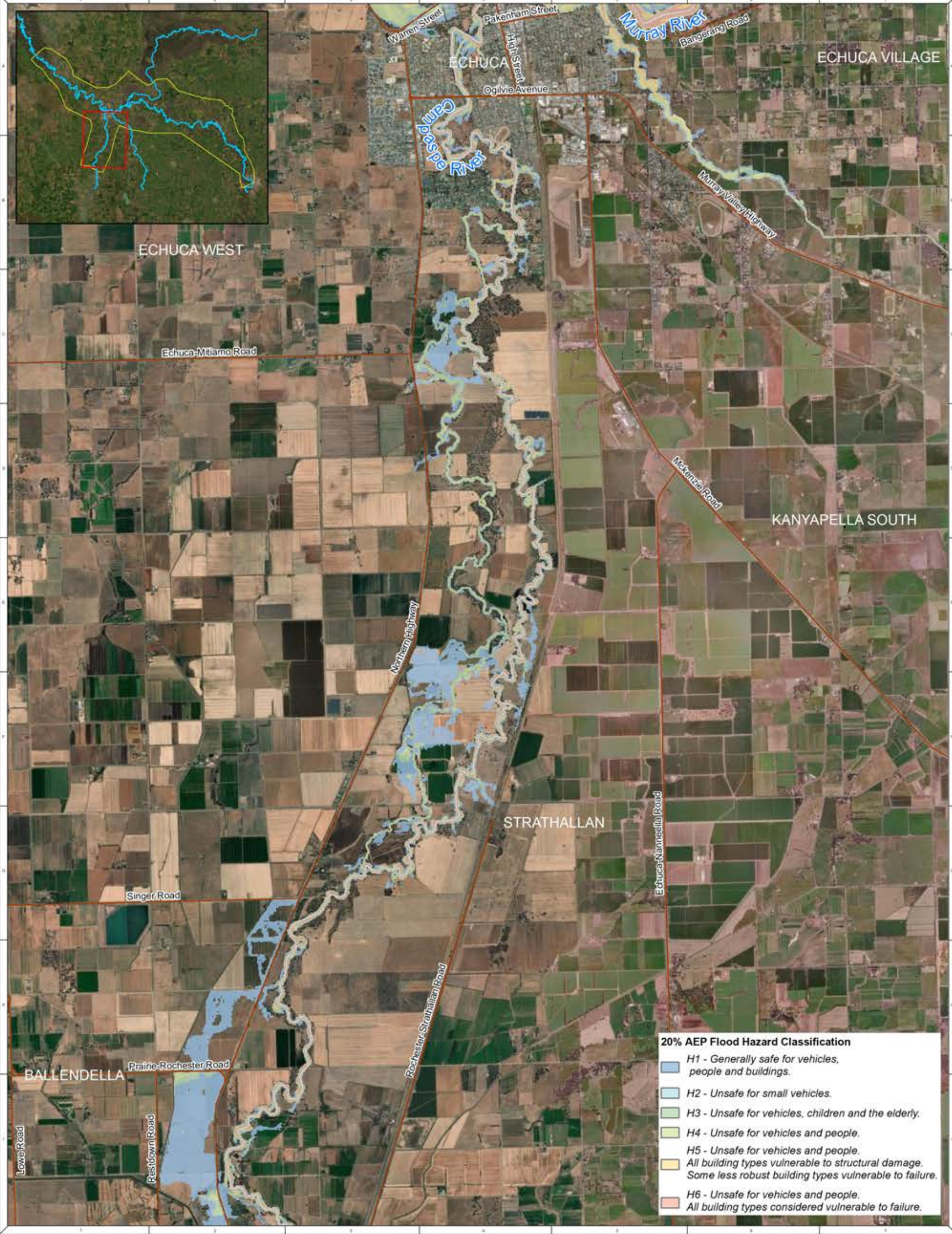
Map 19 - 20% AEP Flood VxD (Campaspe)
Echuca-Moama-Torrumbarry Flood Study

REVISED: _____

DWT: _____

DATE: _____

PROJECT NO: _____



20% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

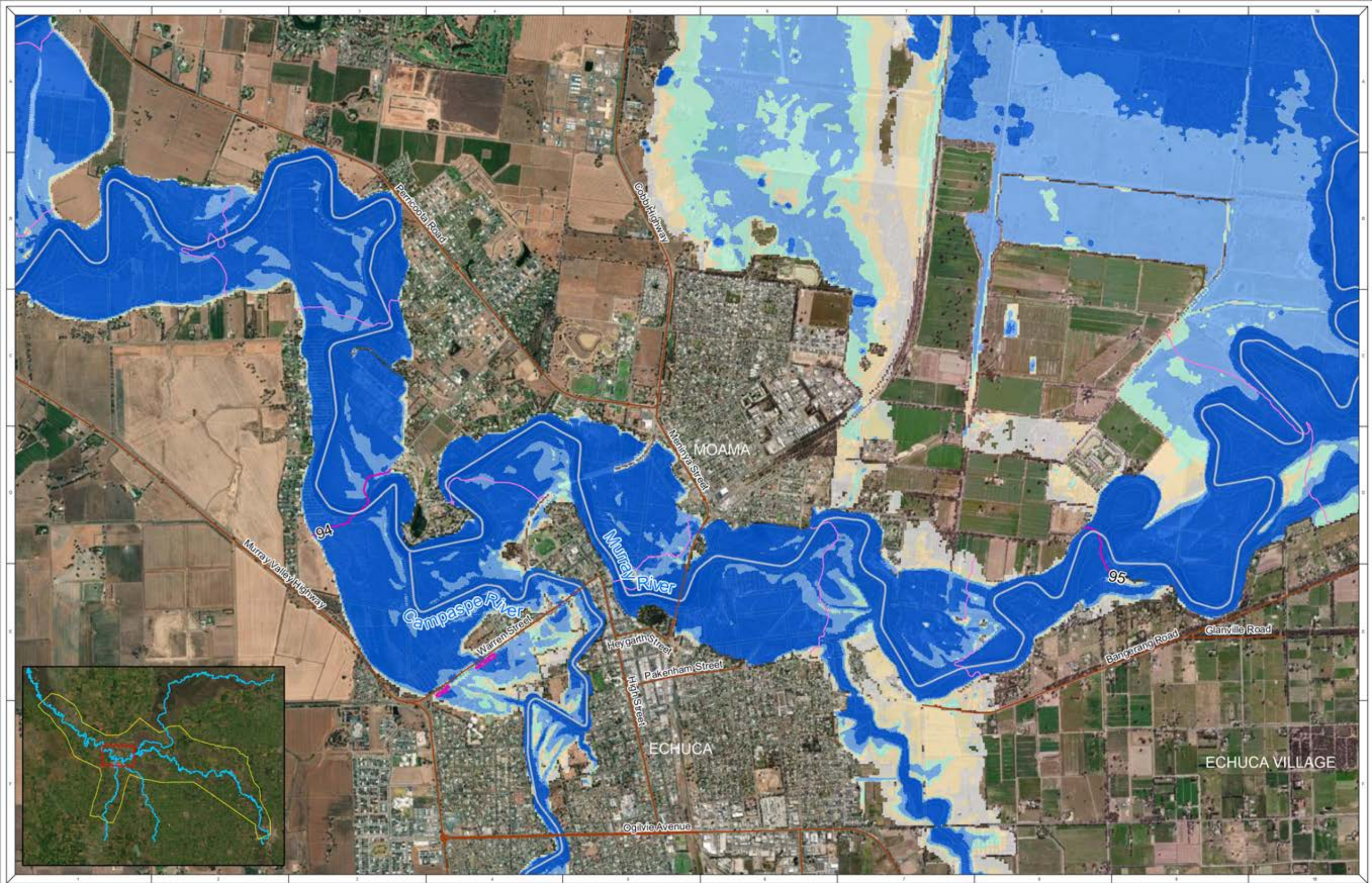
WATER TECHNOLOGY

Map 20 - 20% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 18/07/23

PROJECT: 2023-01



NOTE: Water Technology Pty. Ltd. has prepared this document in accordance with instructions of Campaspe Shire Council & Murray River Council for their specific use.

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NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- bookmarks_Moama
- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
- Minor Contour
- Major Contour
- 10% AEP Maximum Flood Depth (m)
- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

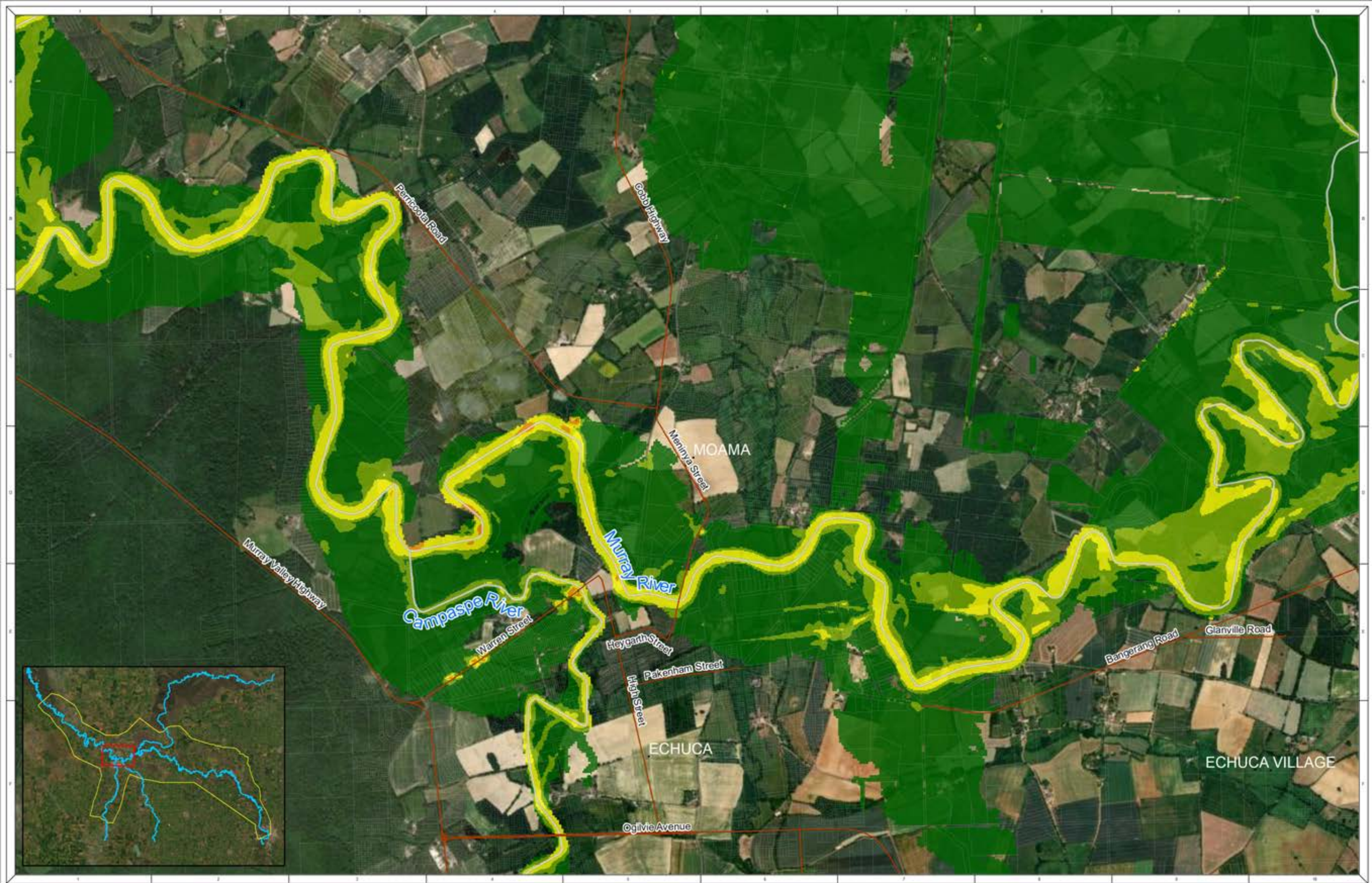
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
murray river council
Campaspe Shire Council

Map 21 - 10% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/10/2023
PROJECT: 24
DRAWING NUMBER: 21



NOTE: Water Technology Pty. Ltd. has prepared this document in accordance with instructions of Campaspe Shire Council & Murray River Council for their specific use.

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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- Cadastre
- River
- 10% AEP Maximum Velocity (m/s)
 - 0 - 0.25
 - 0.25 - 0.5
 - 0.5 - 1.0
 - 1.0 - 2.0
 - > 2.0

0 0.25 0.5 1 Kilometers

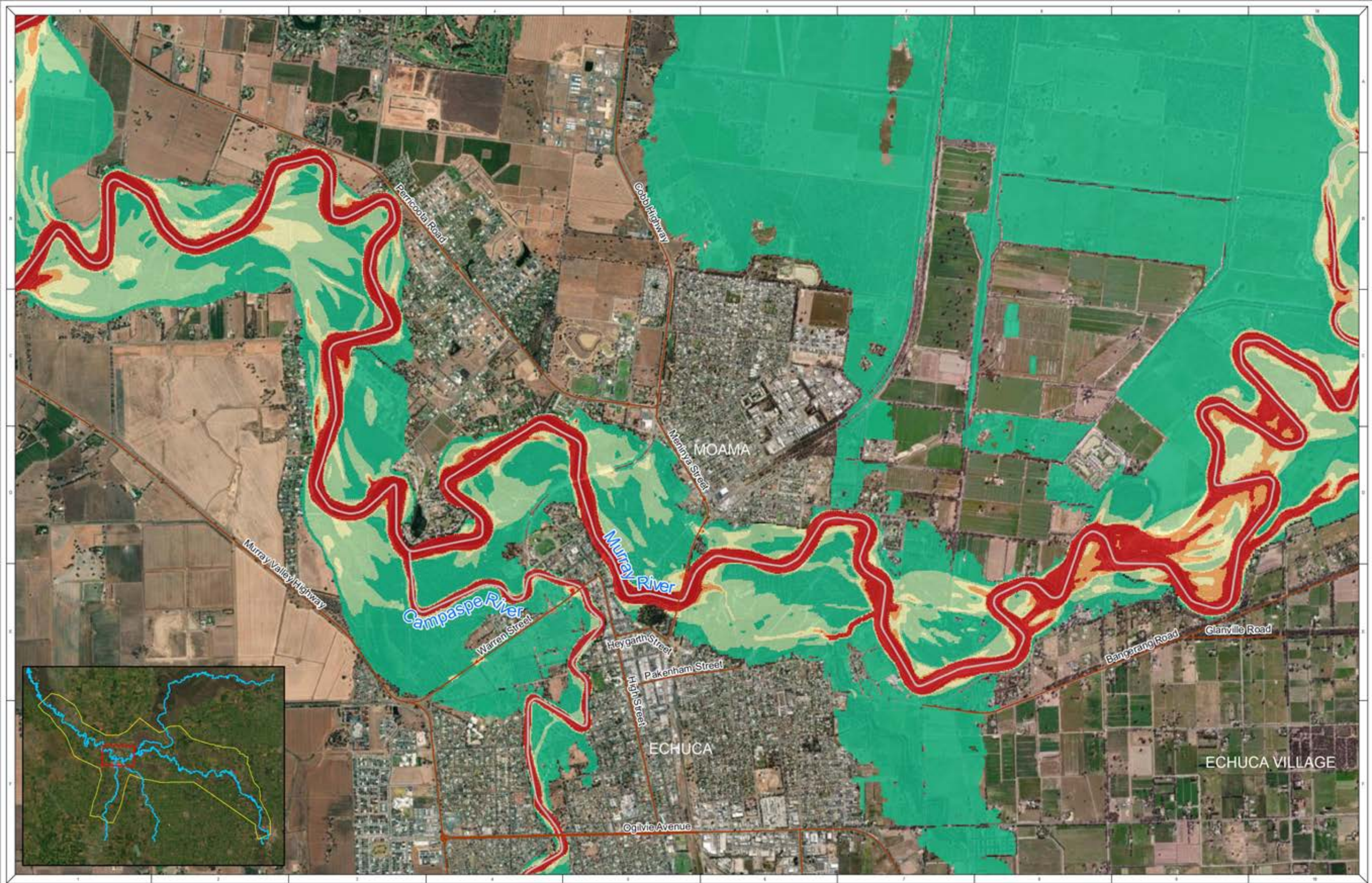
1:32,000 at A3

Map22 - 10% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 20/08/2024

PROJECT: 24

ISSUE: 01



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NOTE: Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

bookmarks_Moama	Cadastre	10% AEP Maximum VxD (m/s)	0.25	0.75
Roads	River	0	0.5	1.0

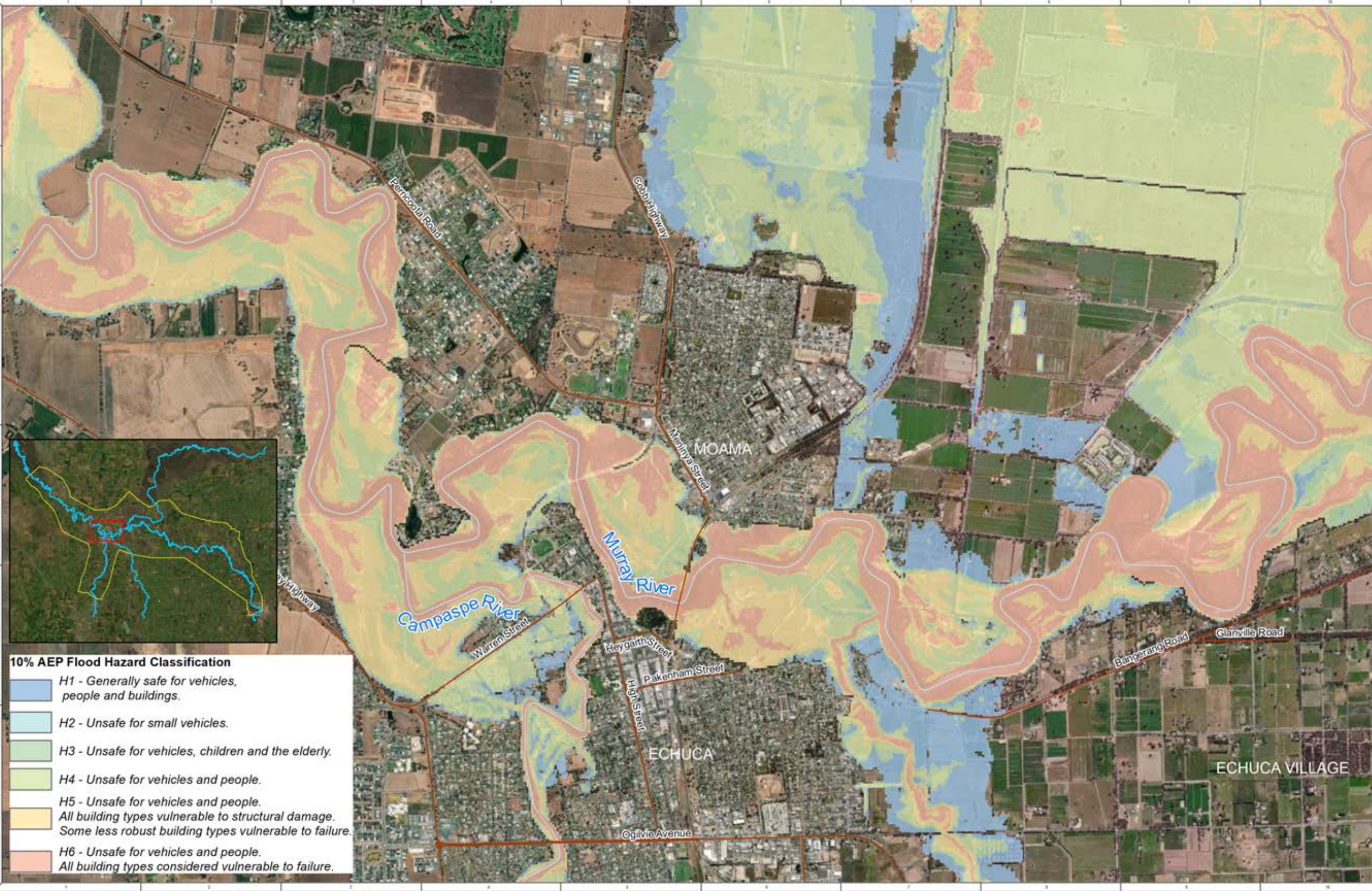
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
murray river council
Campaspe Shire Council

Map 23 - 10% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023
PROJECT: 24
DRAWING NUMBER: 23



10% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Water Technology Pty. Ltd. has prepared this document in accordance with instructions of Campaspe Shire Council & Murray River Council for their specific use.

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NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual situations. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- Cadastre
- River

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 24 - 10% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 20/08/2018 11:54 AM



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Content: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

10% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 0.5 1.0 Kilometers

1:16,100 at A3

Map 26 - 10% AEP Flood Depth (Echuca)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2021

PROJECT: 100000000



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

NOTE: Water Technology Pty Ltd has prepared this document in accordance with instruction of Campaspe Shire Council / Murray River Council for their specific use.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 26 - 10% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum VxD (m²/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

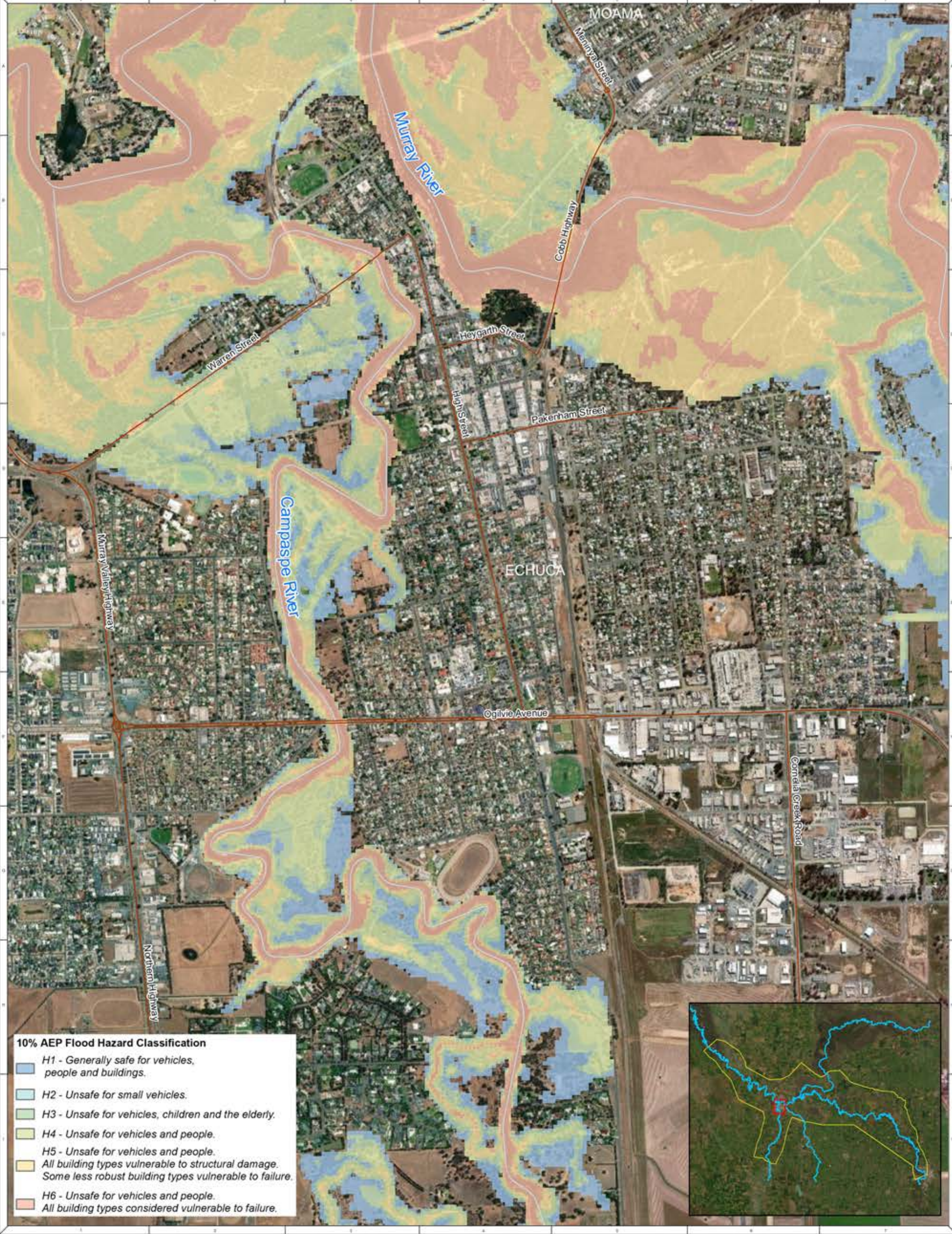
Map 27 - 10% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



- 10% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

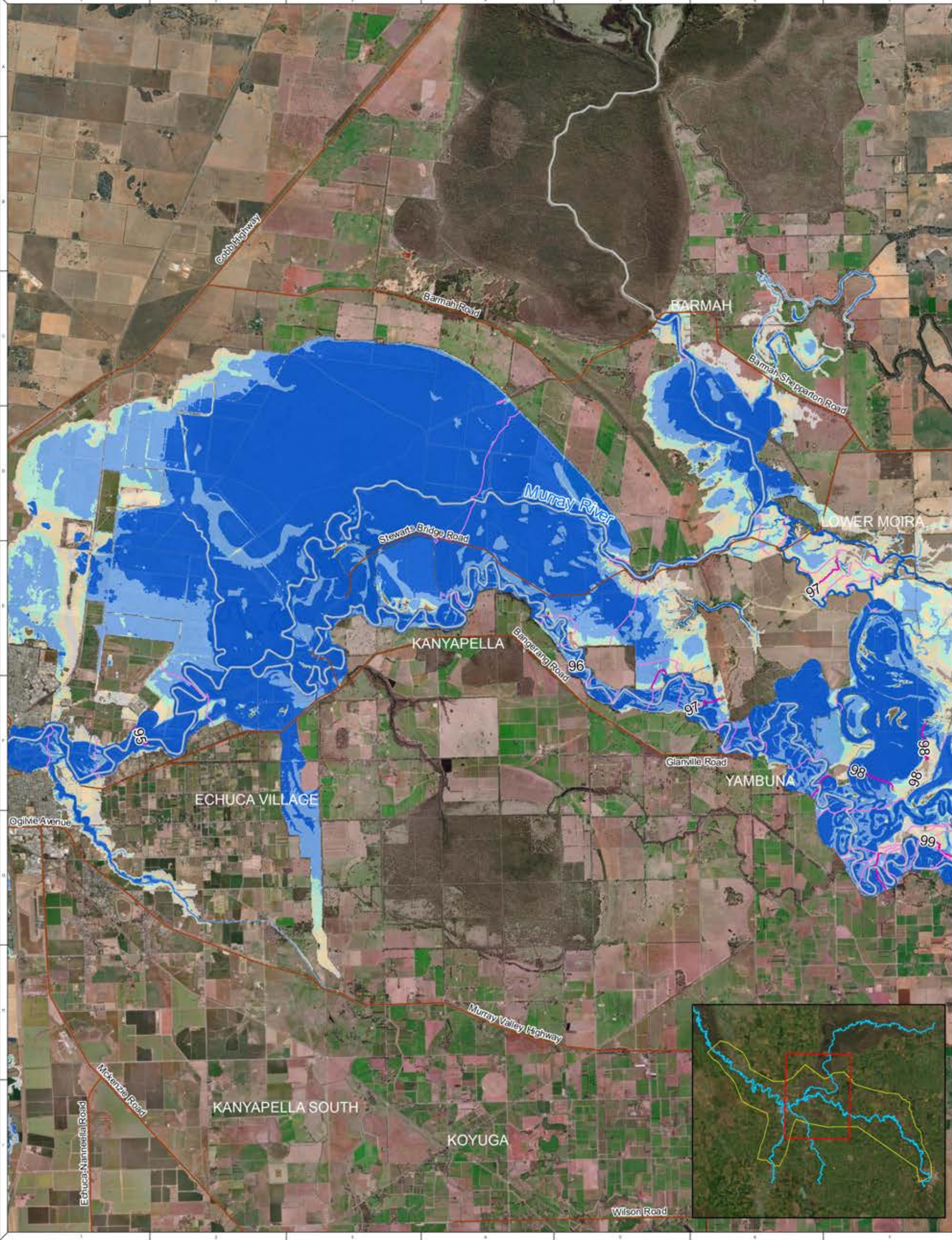
0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

Map 28 - 10% AEP Flood Hazard (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/03/23



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contours: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

10% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 1:92,933 at A3

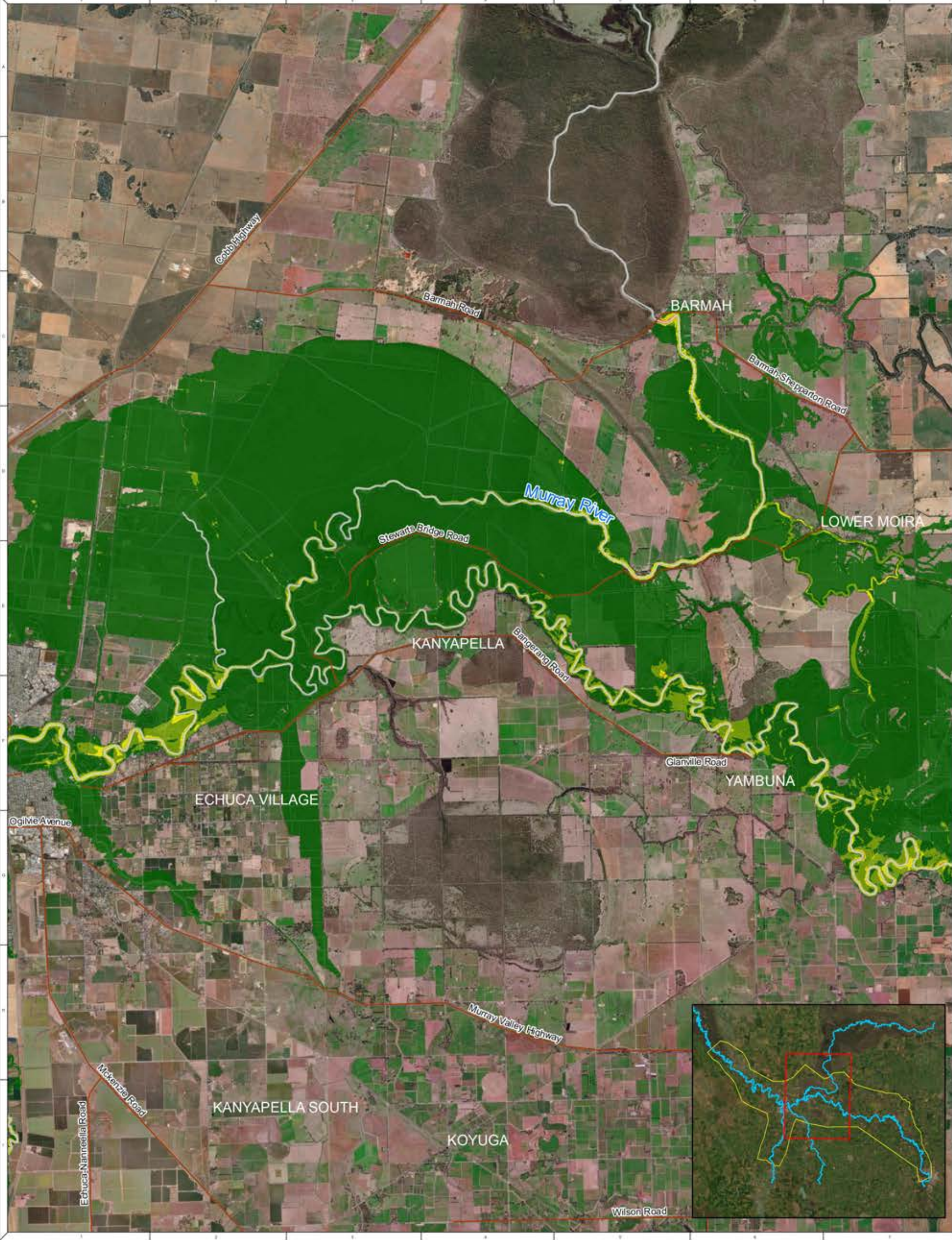
murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 29 - 10% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

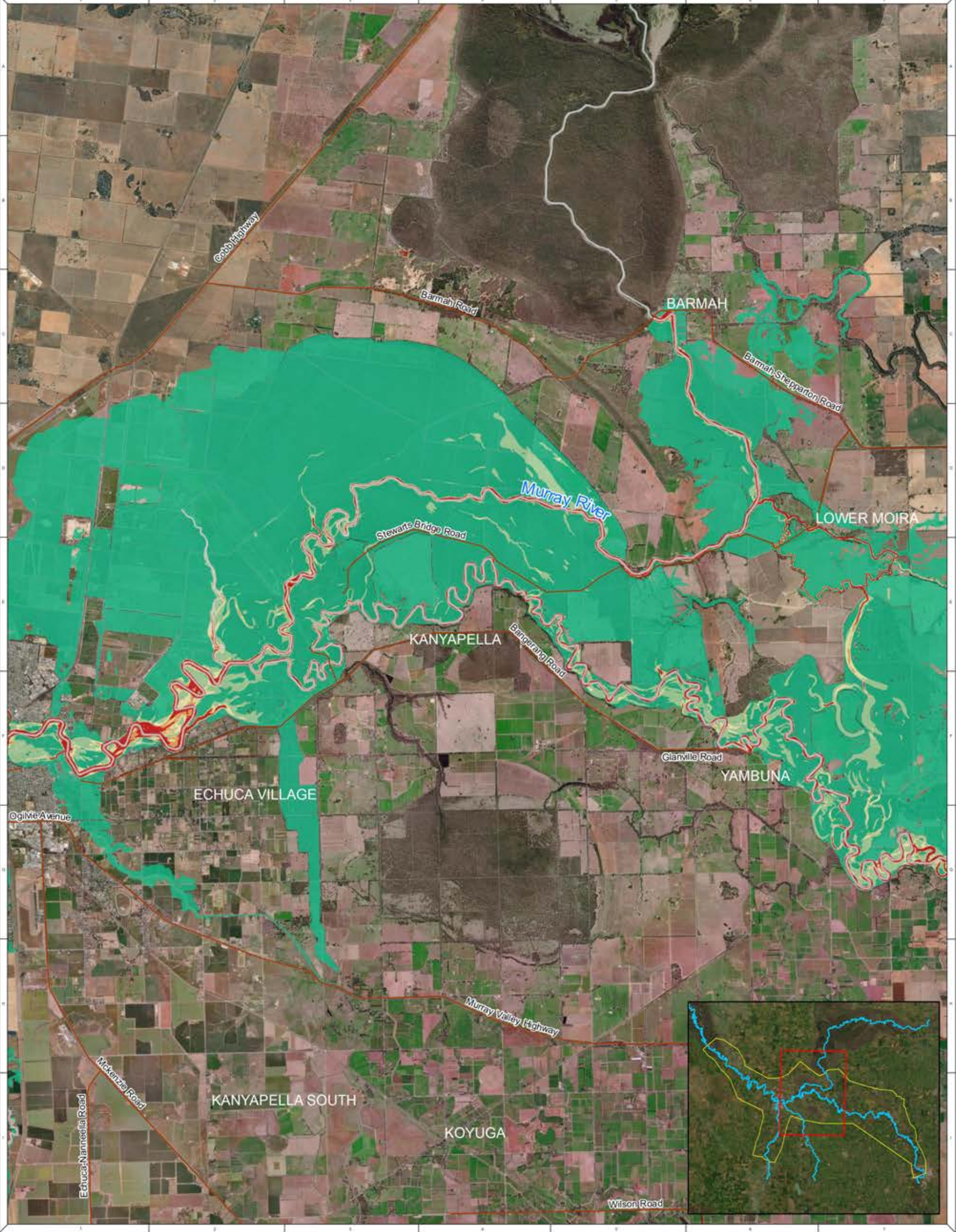
Map 30 - 10% AEP Flood Velocity (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 20220101

DRAWING NO: 30



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum VxD (m²/s)	0.5
Cadastre	0	0.75
River	0.25	1.0

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 31 - 10% AEP Flood VxD (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

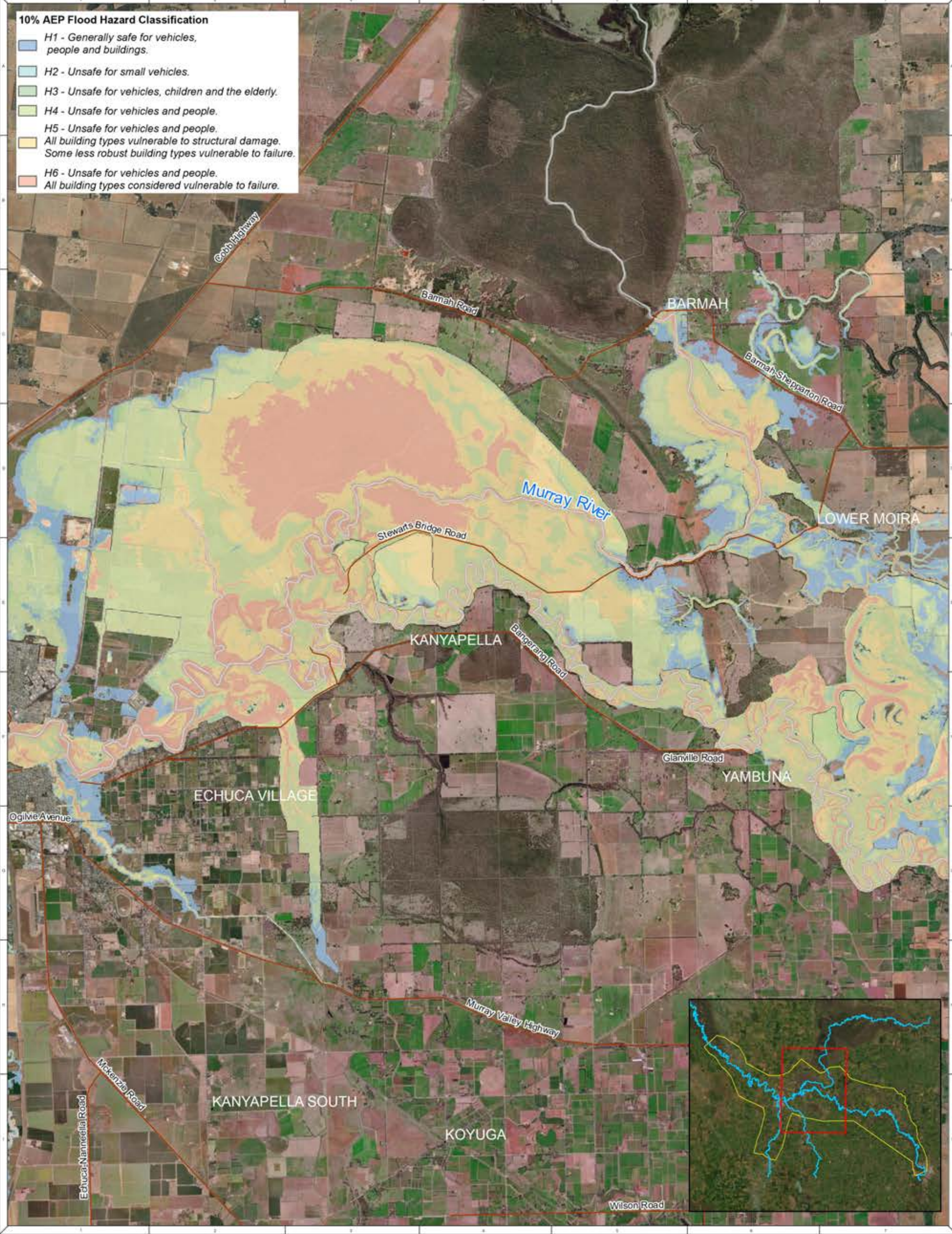
DATE: 10/01/2023

PROJECT: 10% AEP Flood VxD (Kanyapella)

DRAWING NO: 31

10% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 32 -10% AEP Flood Hazard (Kanyapella)

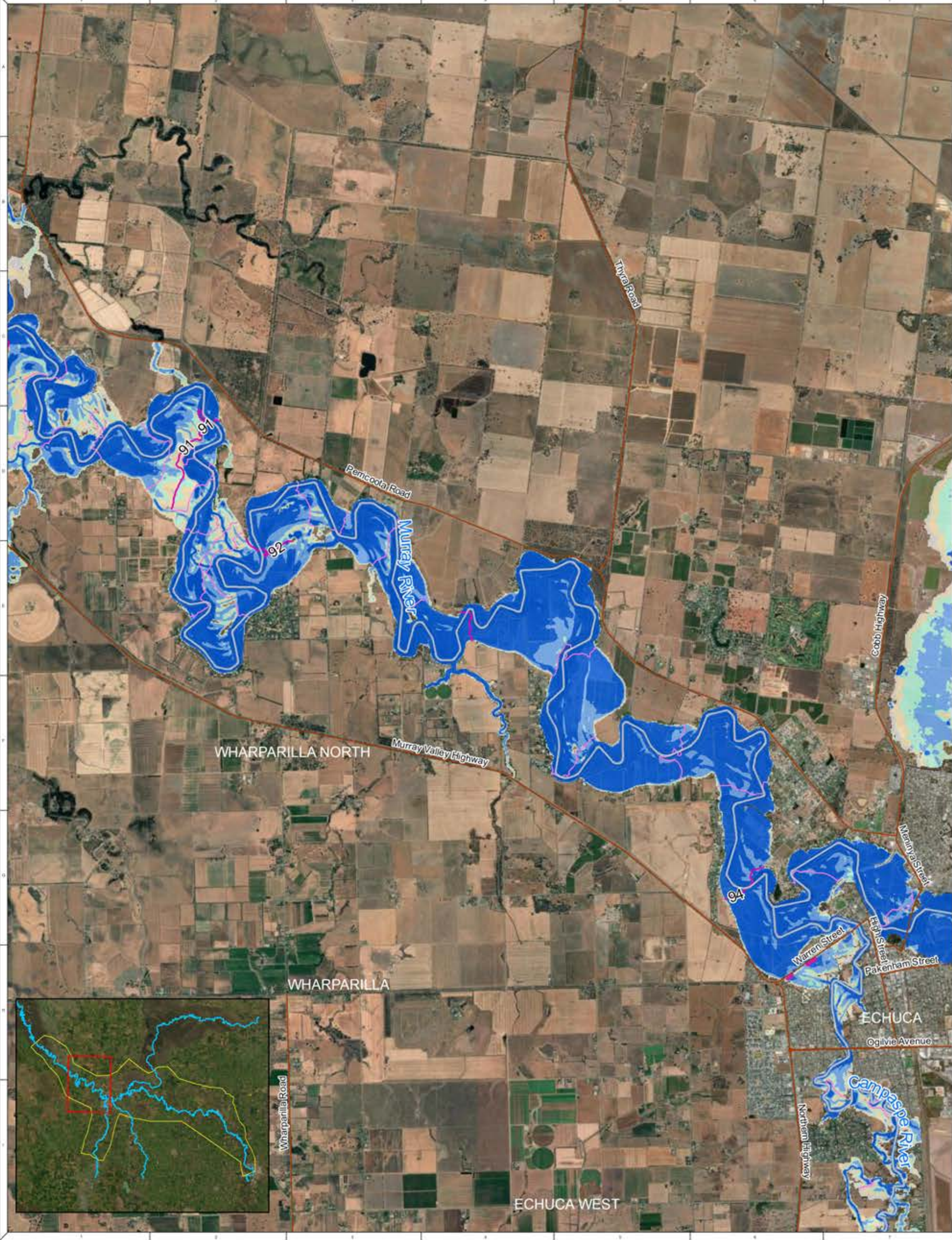
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE: 11/01/23

PROJECT: 19000001

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

10% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

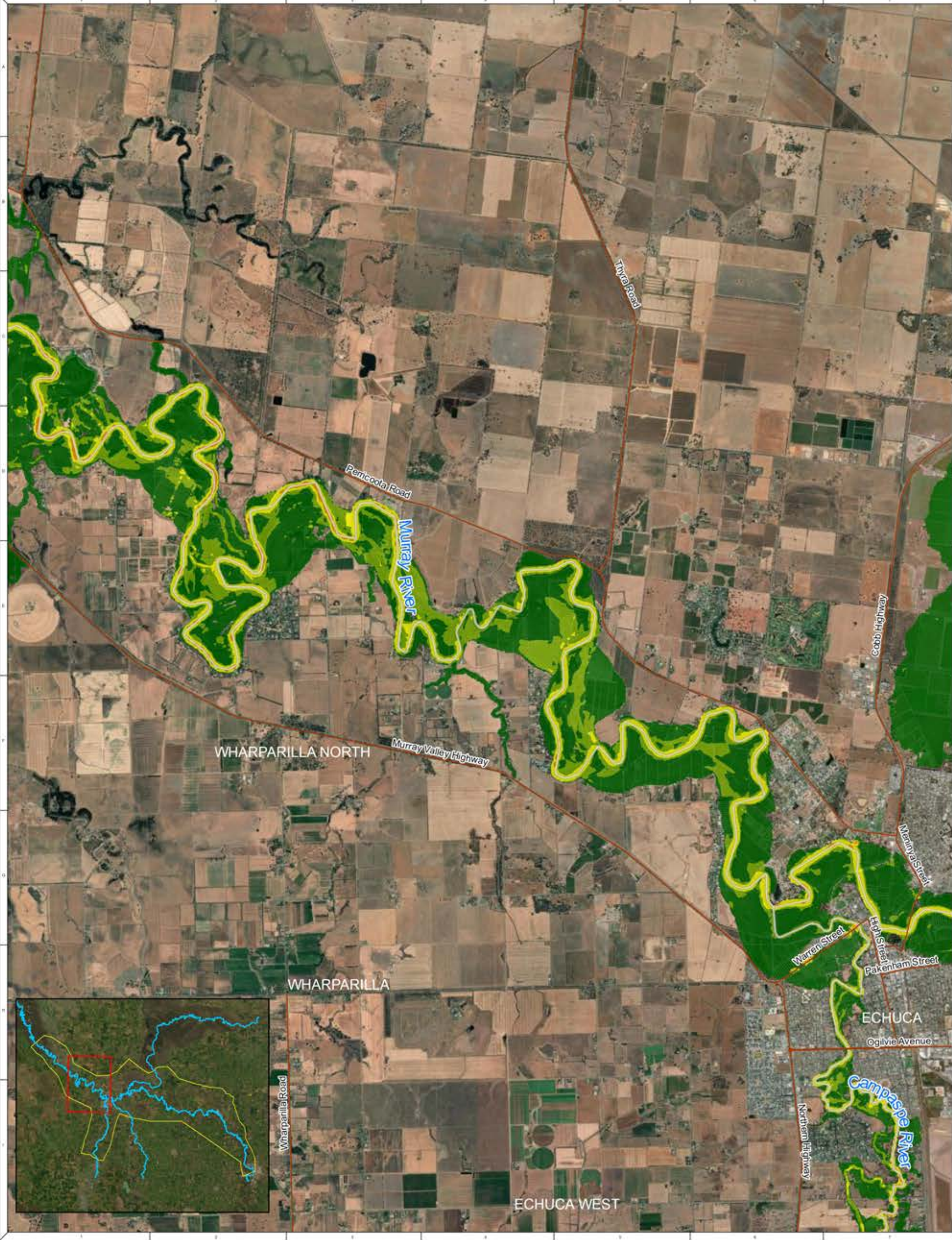
Map 33 - 10% AEP Flood Depth (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 100000000

REVISION: 001



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,000 at A3

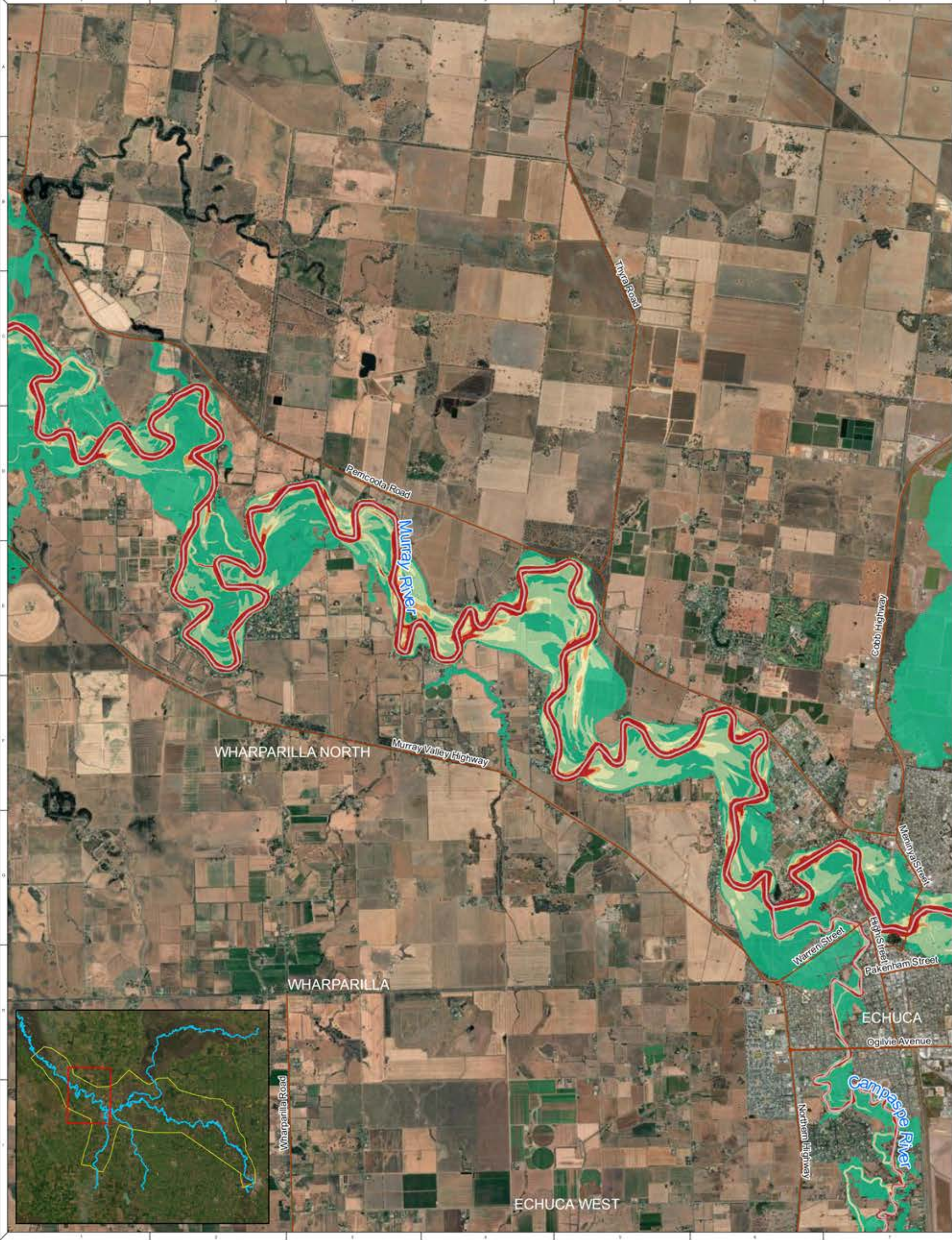
Map 34 - 10% AEP Flood Velocity (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023

PROJECT: 100000000

SCALE: 1:61,000



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contact: Vicmap Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum VxD (m²/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 35 - 10% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

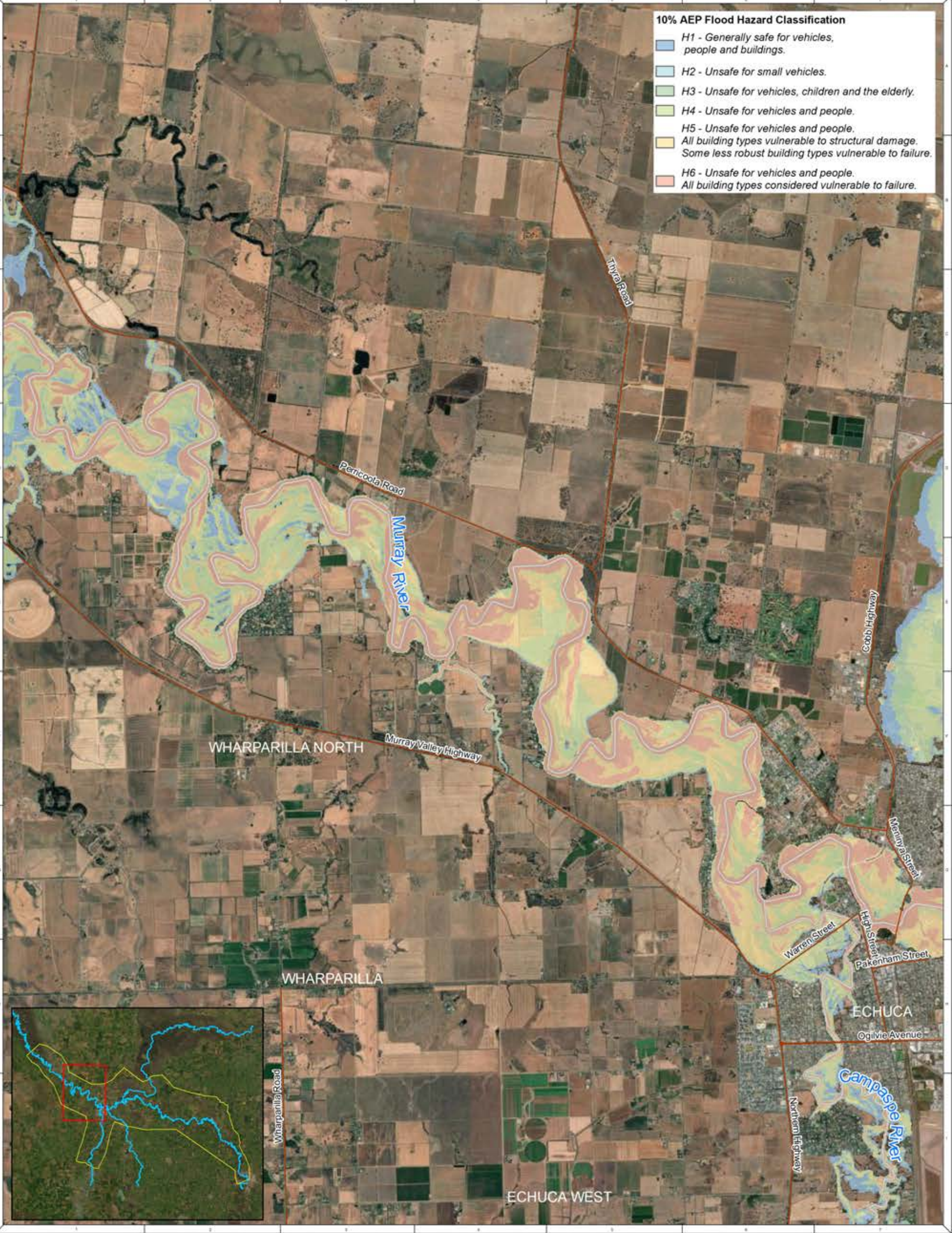
DATE: 10/01/2023

PROJECT: 100000000

SCALE: 1:61,000

10% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

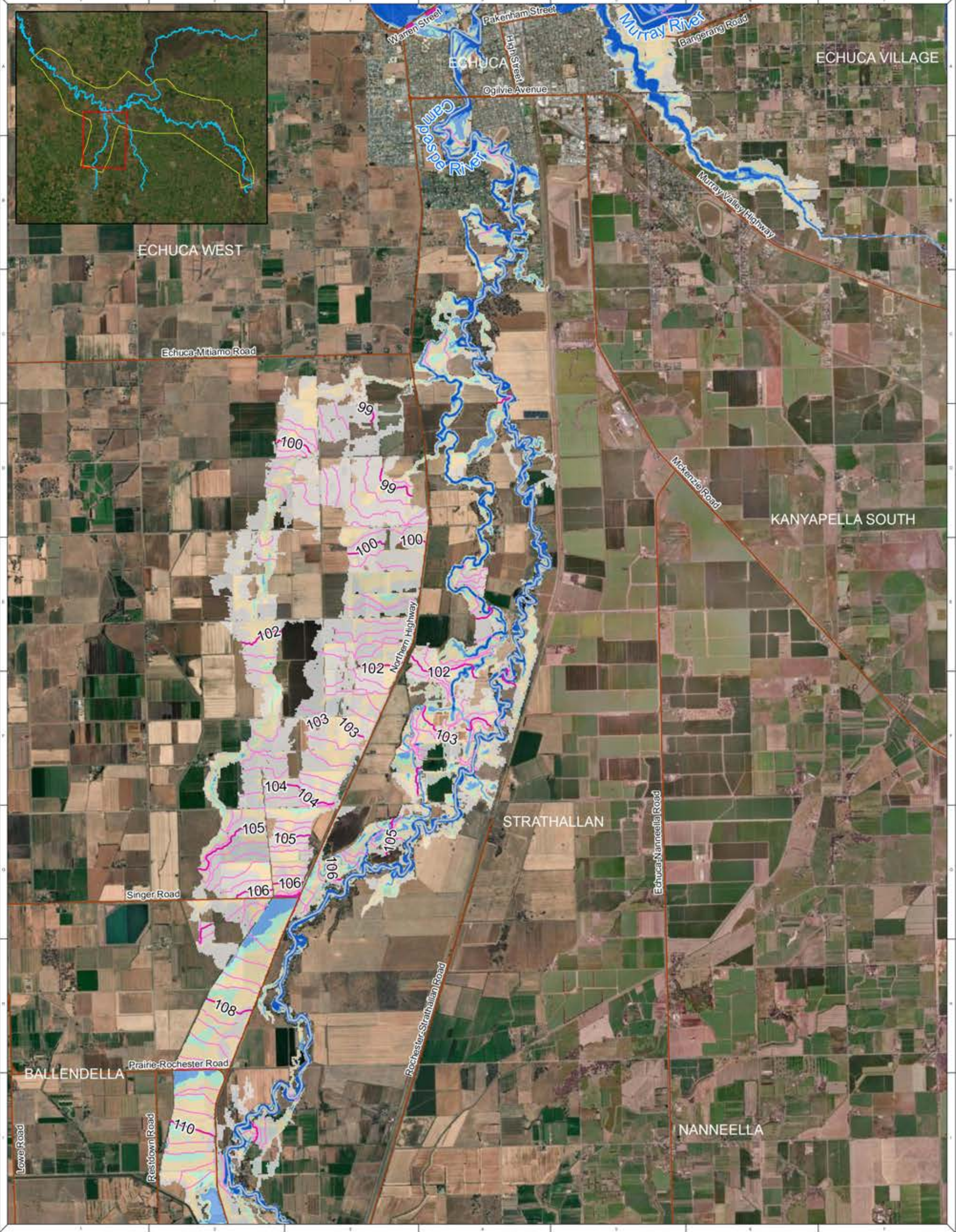
- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 36 - 10% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents Version Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)**
 - Major Contour
 - Minor Contour

10% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0 m depth symbol"/> > 1.0

Scale: 0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

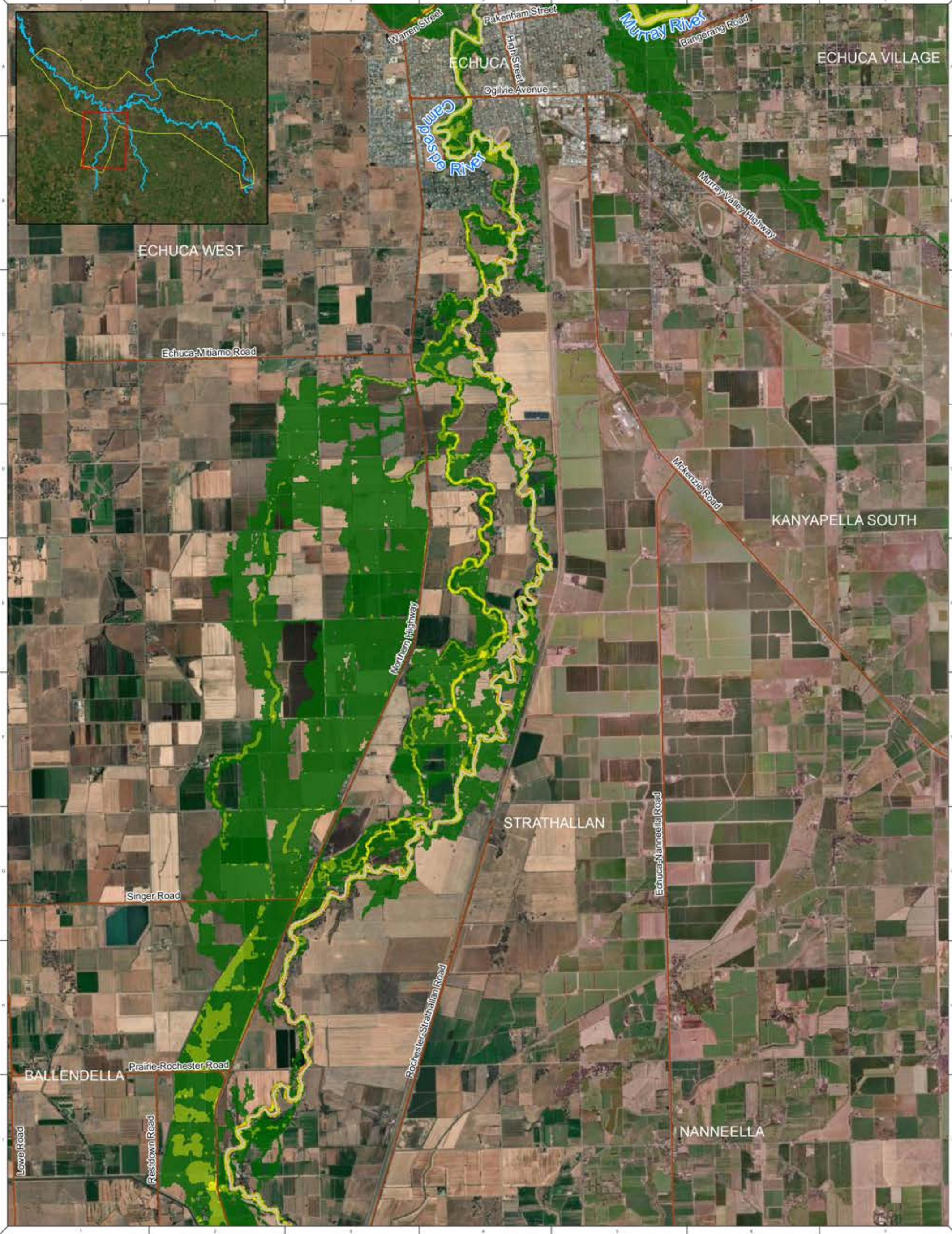
Map 37 - 10% AEP Flood Depth (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	10% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

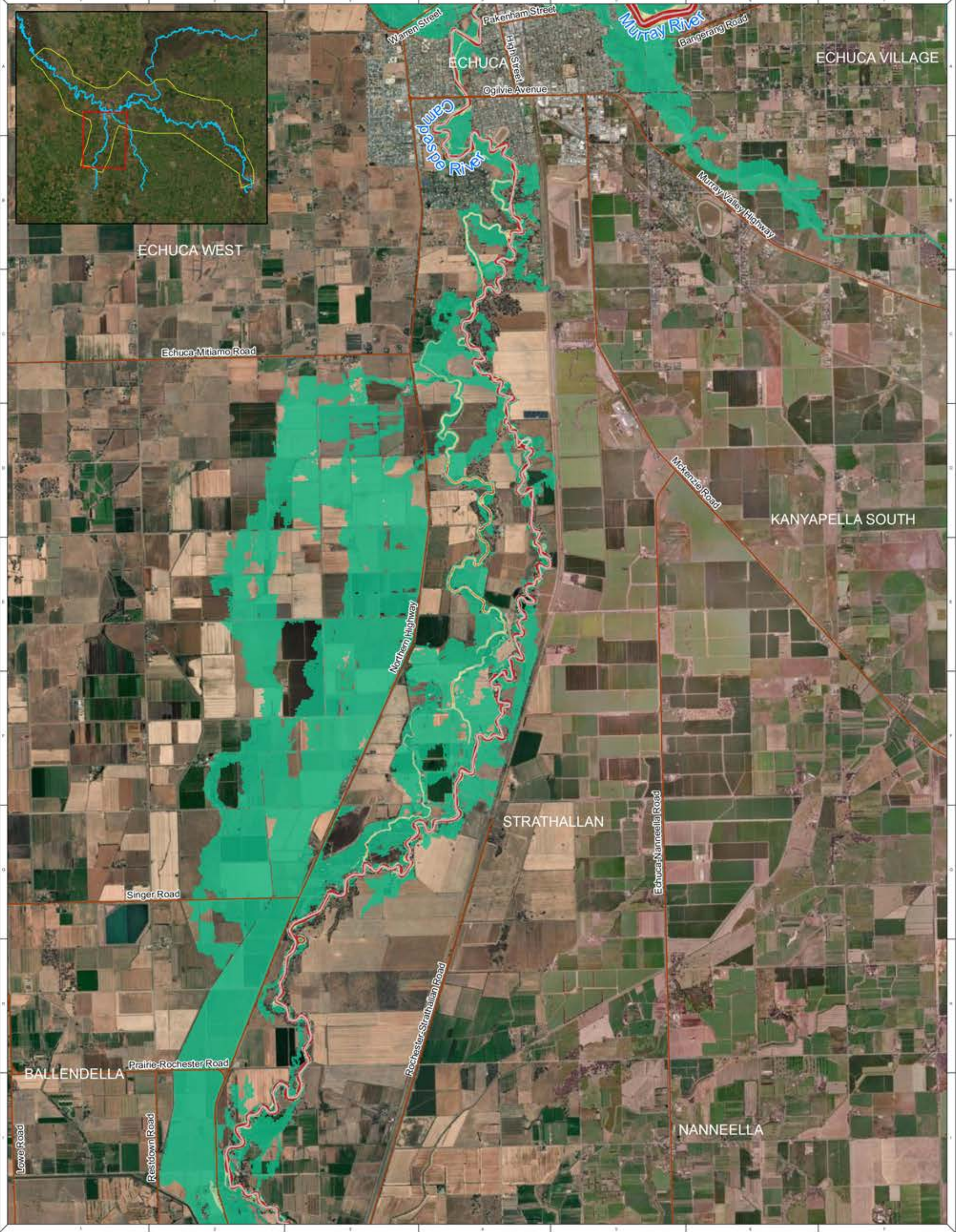
Map 38 - 10% AEP Flood Velocity (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

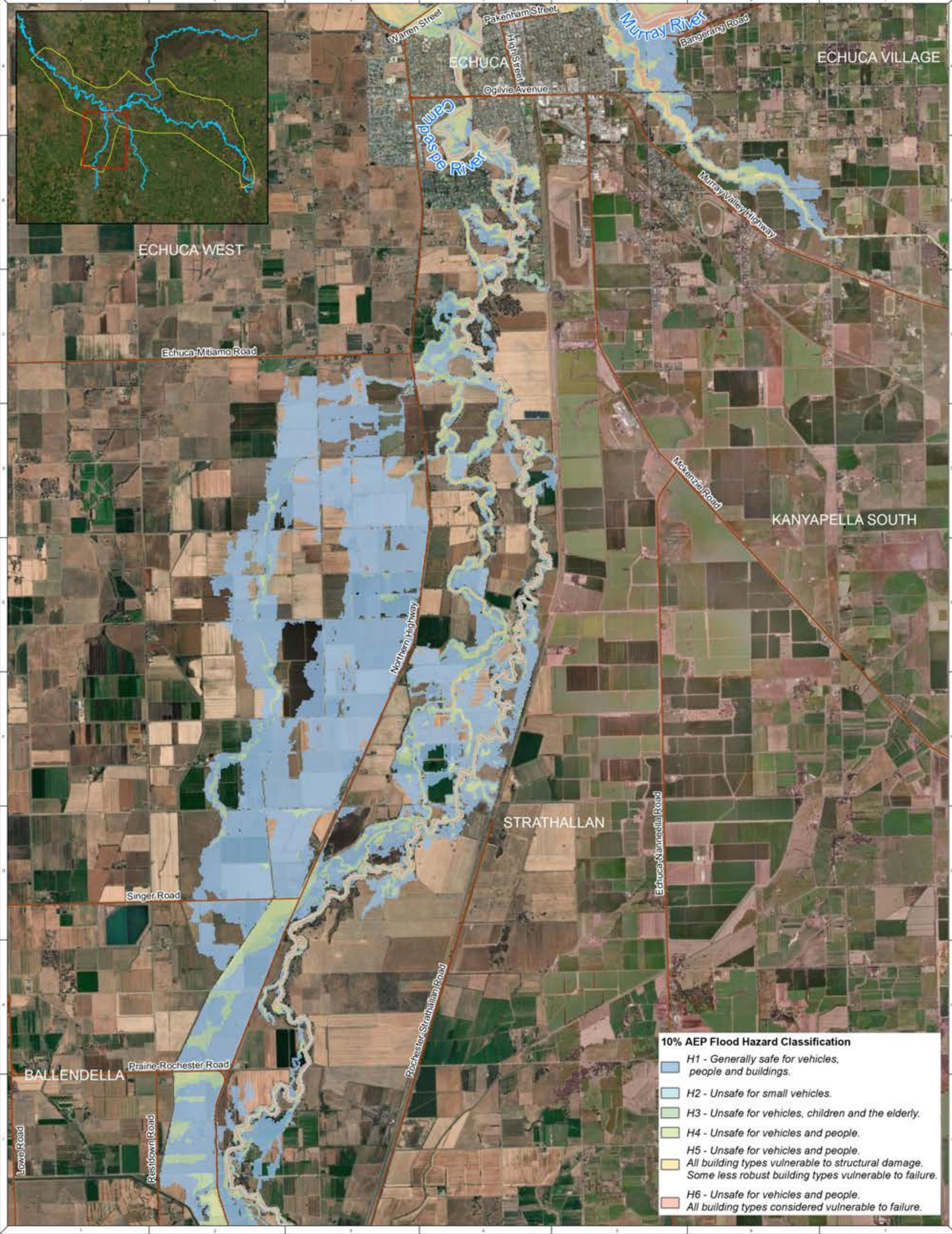
Roads	10% AEP Maximum VxD (m³/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

Map 39 - 10% AEP Flood VxD (Campaspe)
Echuca-Moama-Torrumbarry Flood Study

REVISED: _____
DATE: _____
DRAWN BY: _____



10% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

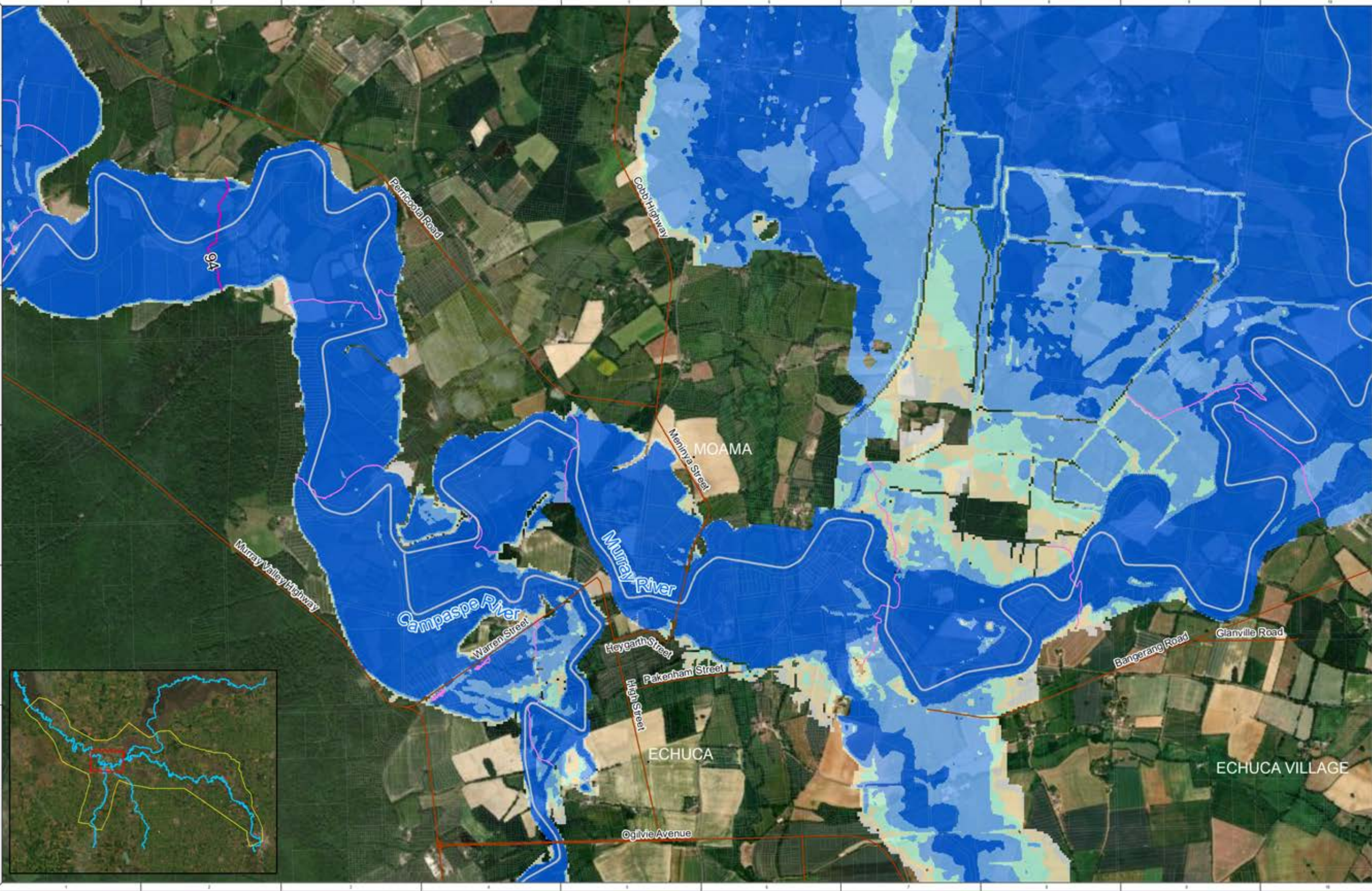
murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 40 -10% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Water Technology Pty. Ltd. has prepared this document in accordance with instructions of Campaspe Shire Council & Murray River Council for their specific use.

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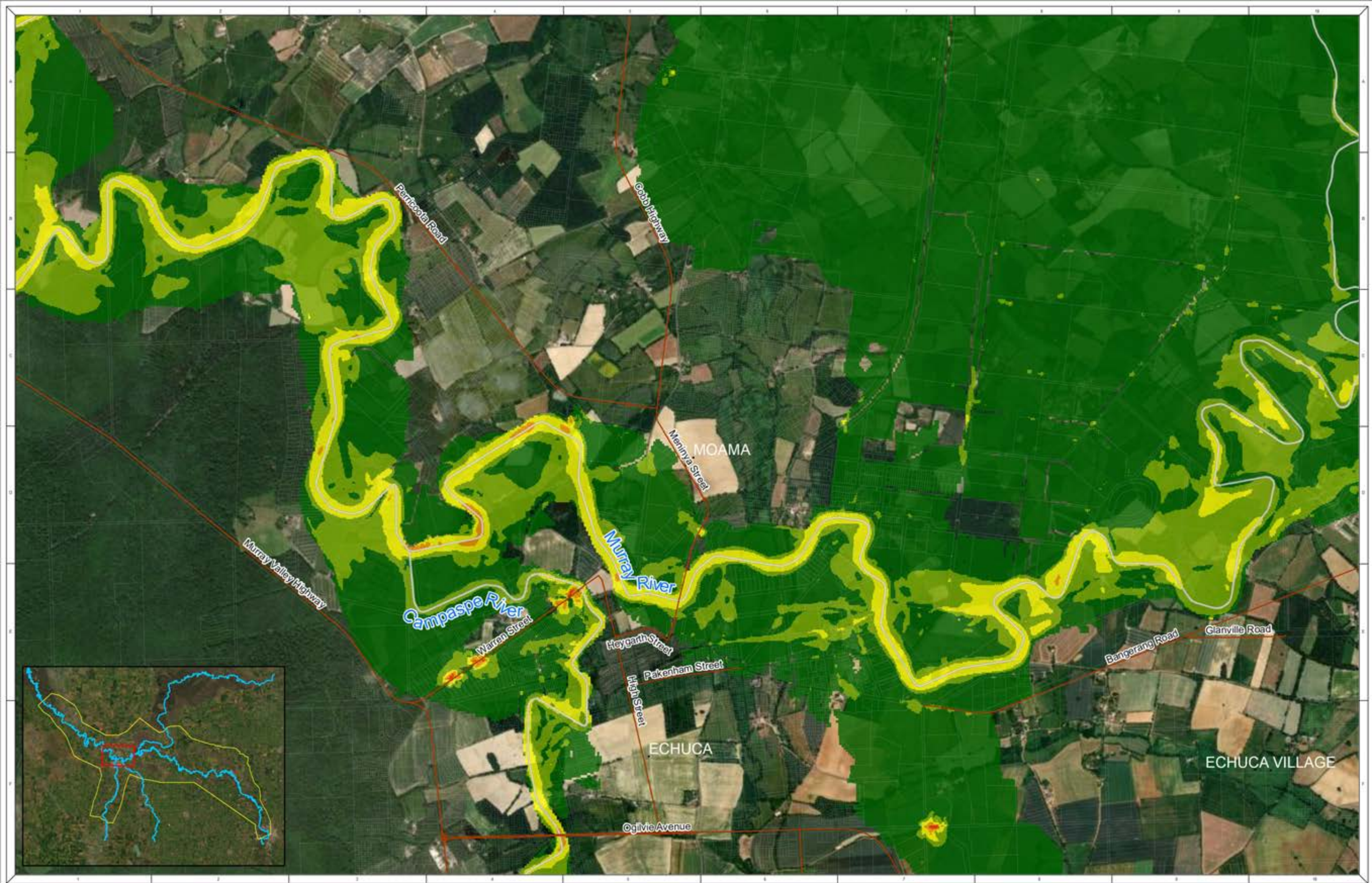
Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments.

LEGEND		5% AEP Maximum Flood Depth (m)	
	Roads		0 - 0.1
	Cadastre		0.1 - 0.3
	River		> 1.0
	Major Contour		
	Minor Contour		



1:32,000 at A3

Map 41 - 5% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study



NOTE: Water Technology Pty. Ltd. has prepared this document in accordance with instructions of Campaspe Shire Council & Murray River Council for their specific use.

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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments.

LEGEND

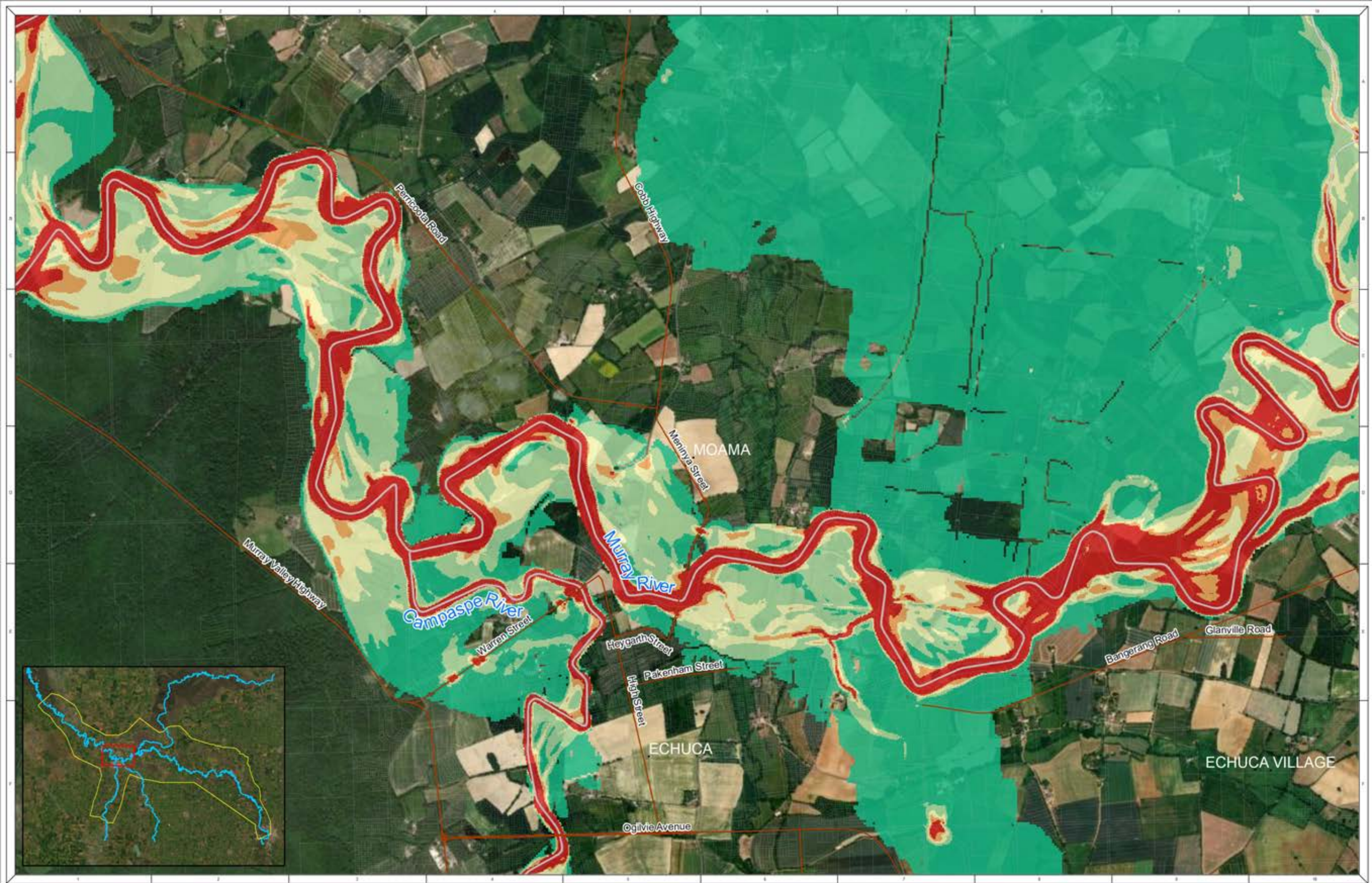
- Roads
- Cadastral
- River
- 5% AEP Maximum Velocity (m/s)
 - 0 - 0.25
 - 0.25 - 0.5
 - 0.5 - 1.0
 - 1.0 - 2
 - > 2.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 42 - 5% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/08/2023 SHEET: 42 DRAWING NUMBER: 10000000000000000000



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

Roads	River	5% AEP Maximum VxD (m/s)	0.25	0.75
Cadastral		0.5	1.0	
		0		

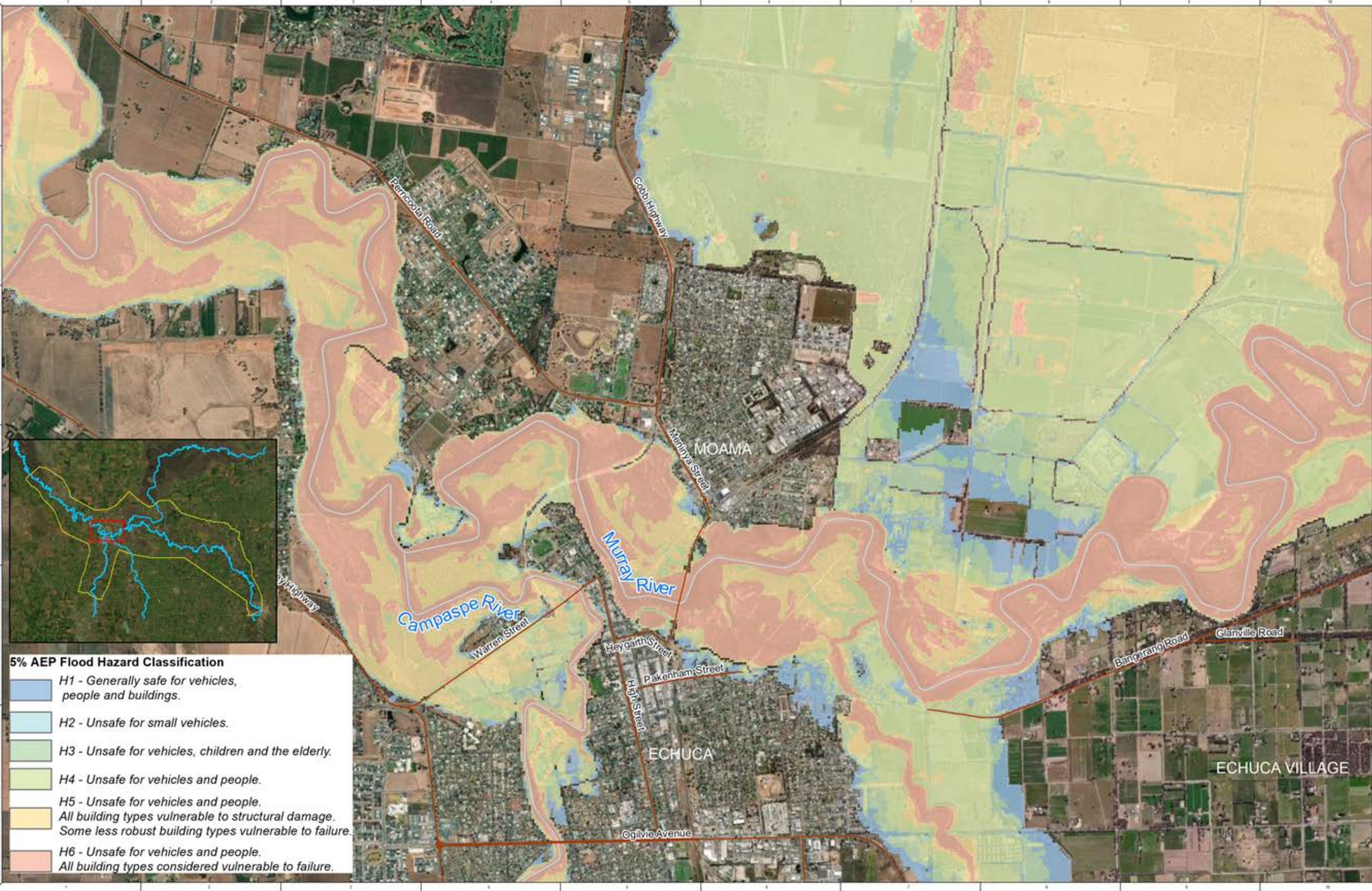
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
murray river council
Campaspe Shire Council

Map 43 - 5% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 20/08/2024
PROJECT: 24/0001
DRAWING: 43



5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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NOTE: Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual situations. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- River
- Cadastre

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 44 - 5% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2018 PROJECT: 44 ISSUED FOR: 01/01/2018



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

5% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 45 - 5% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	5% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

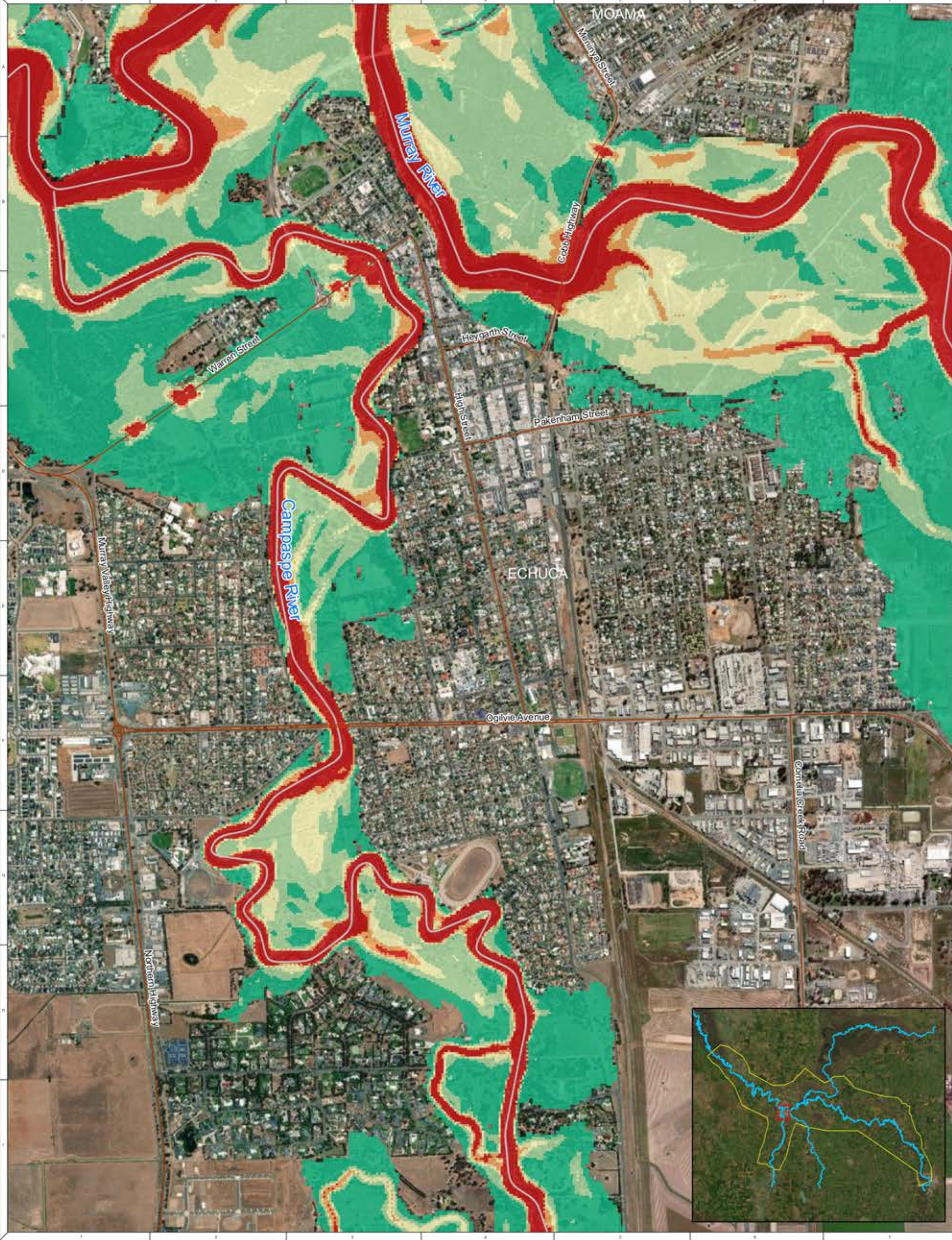
Map 46 - 5% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	5% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

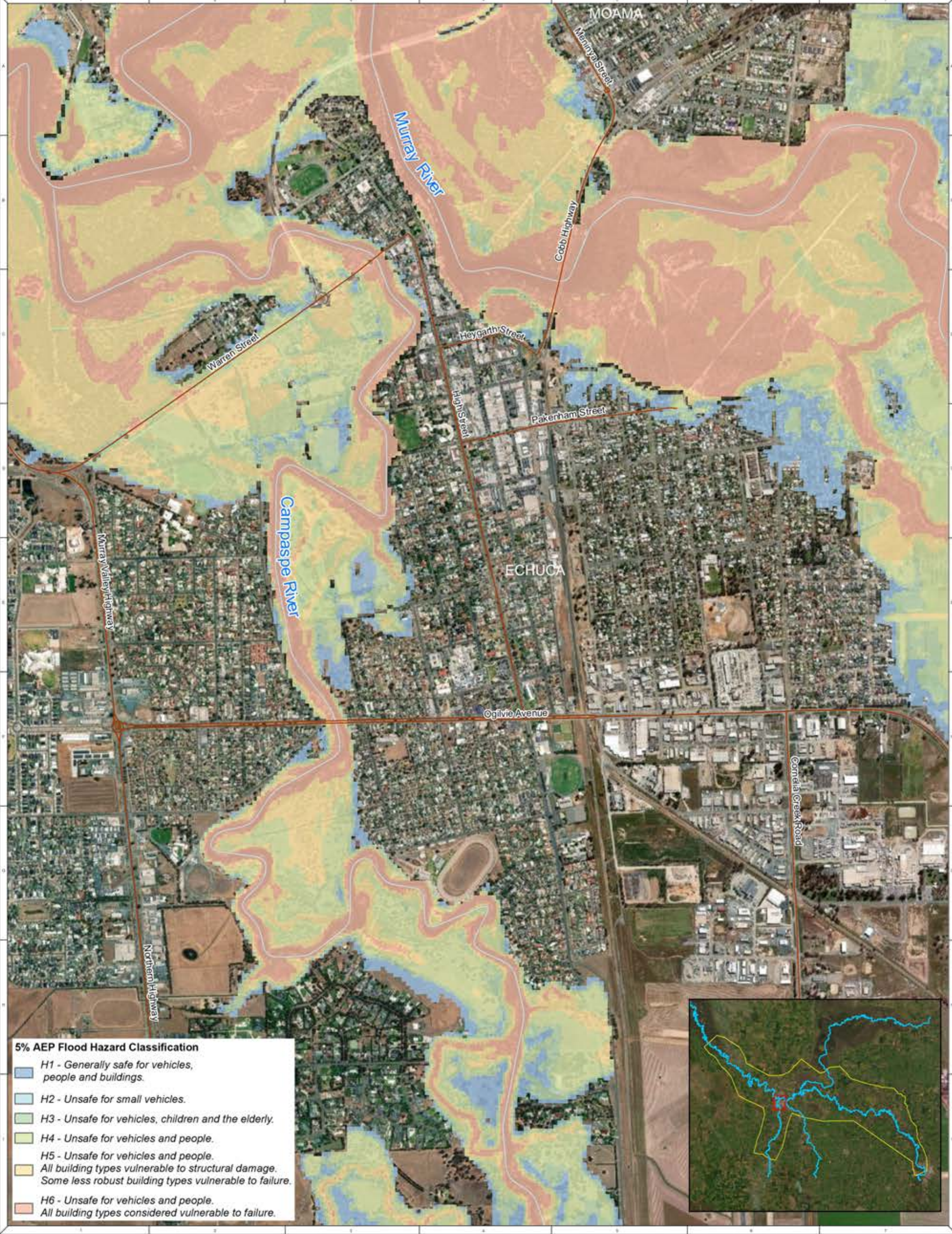
Map 47 - 5% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



- 5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

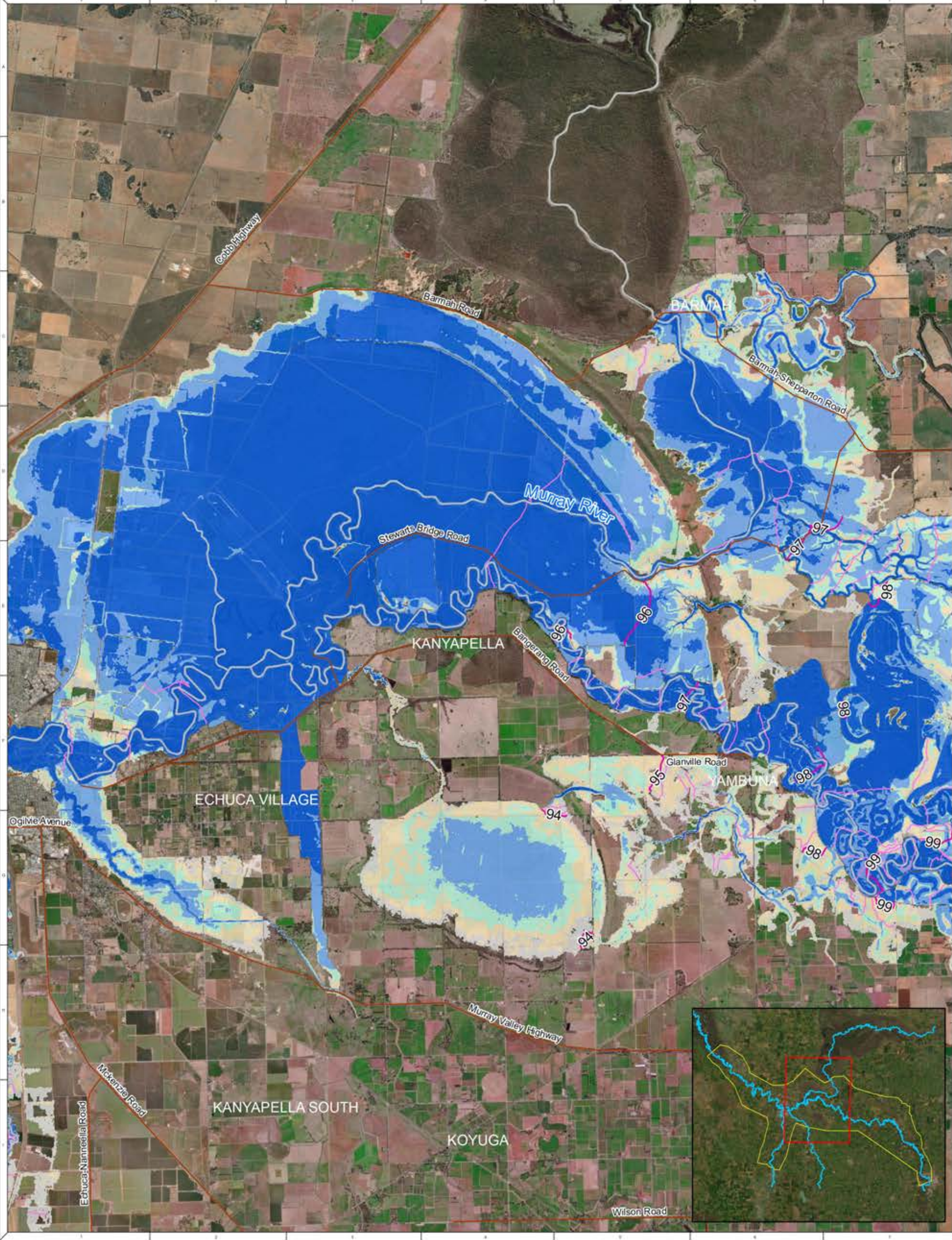
WATER TECHNOLOGY

Map 48 -5% AEP Flood Hazard (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/03/23

PROJECT: 19/00000000



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

5% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 1:92,933 at A3

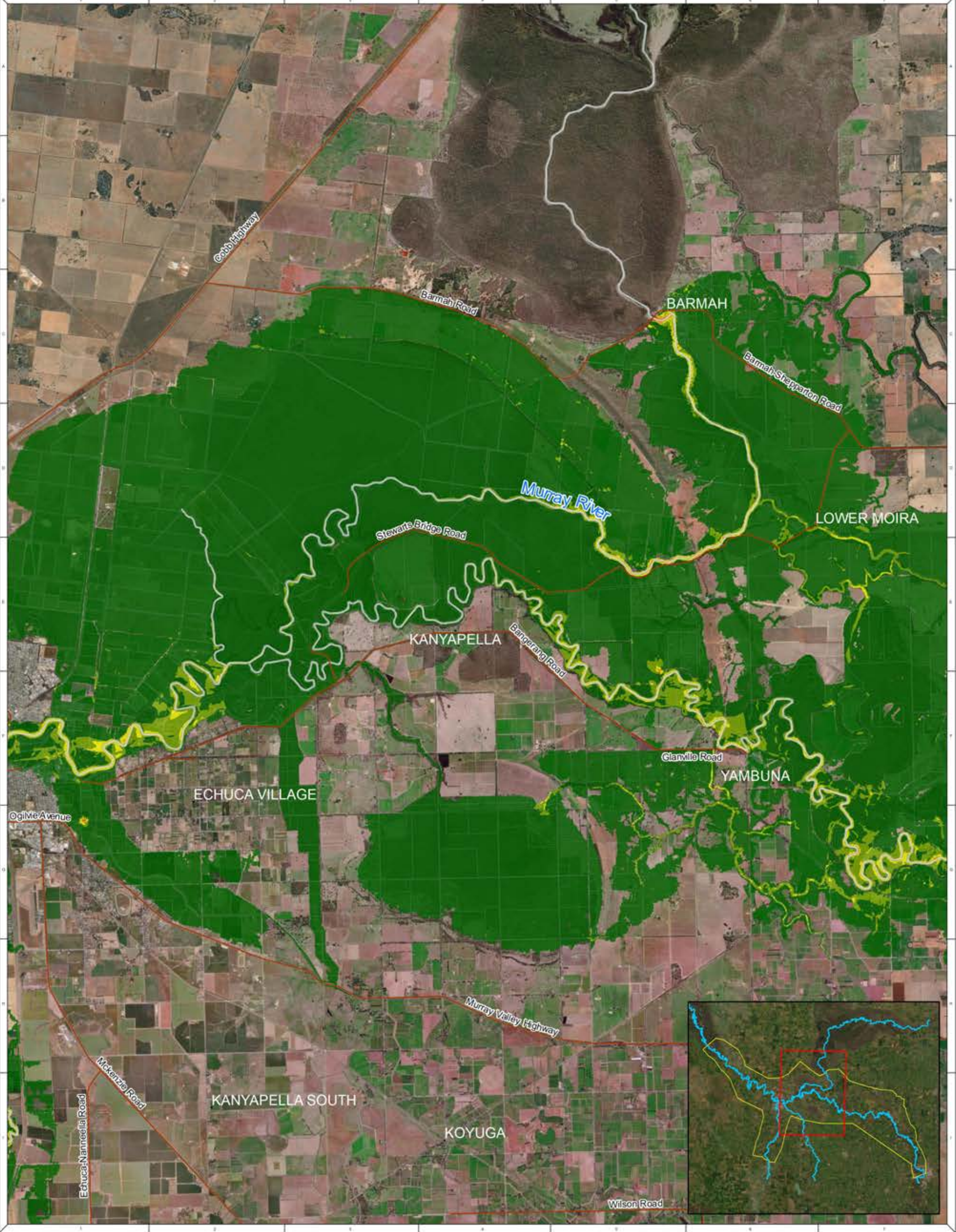
murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 49 - 5% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2 m.

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LEGEND

Roads	5% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2.0
River	0.25 - 0.5	> 2.0

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

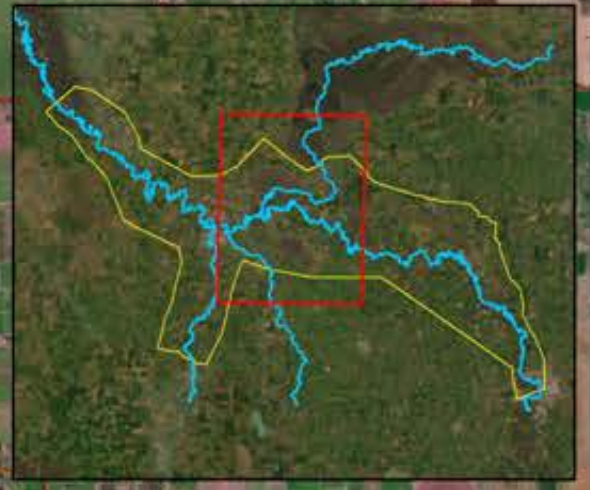
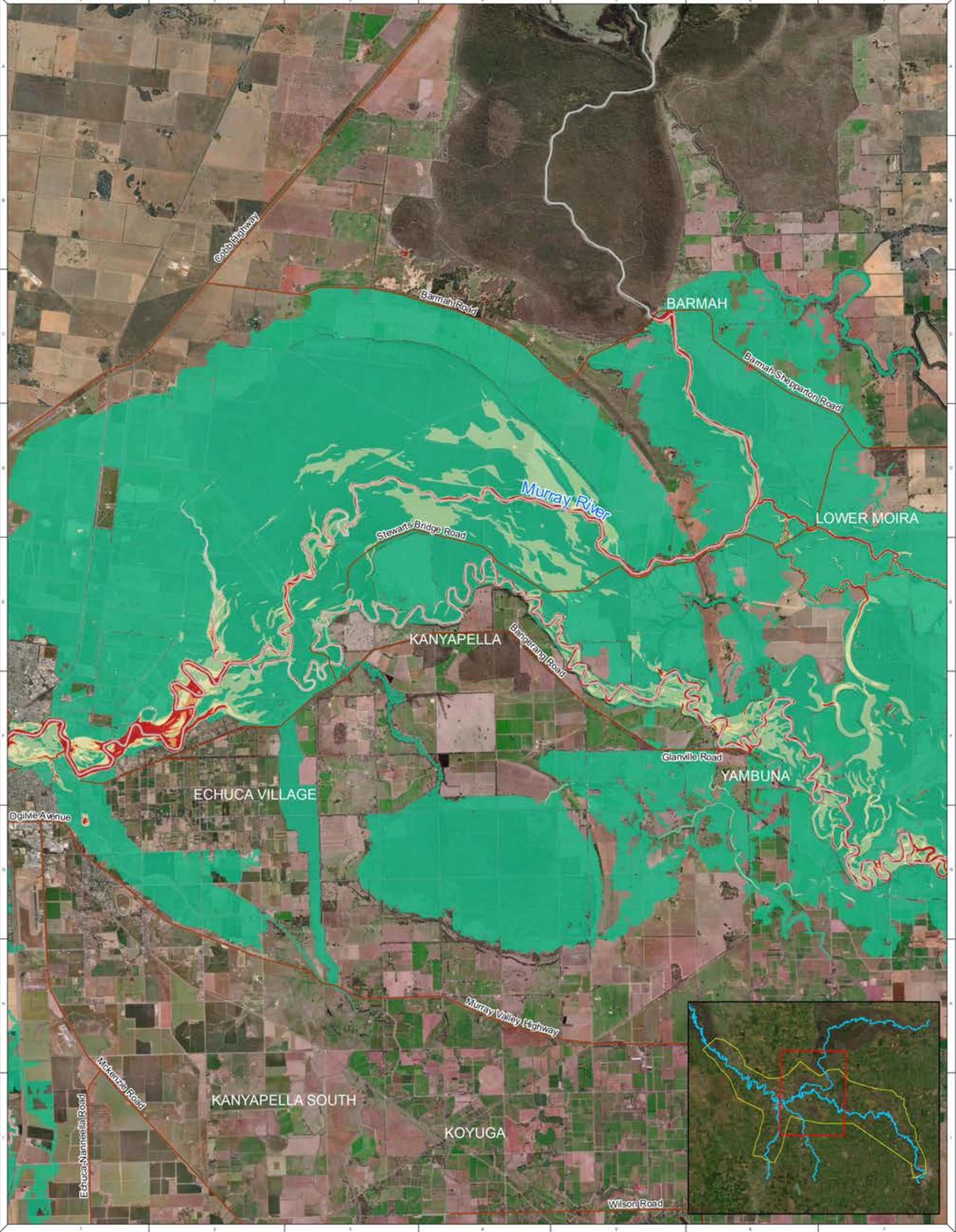
WATER TECHNOLOGY

Map 50 - 5% AEP Flood Velocity (Kanyapella)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

DRAWING NO: 50



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2 m.

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LEGEND

Roads	5% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 51 - 5% AEP Flood VxD (Kanyapella)

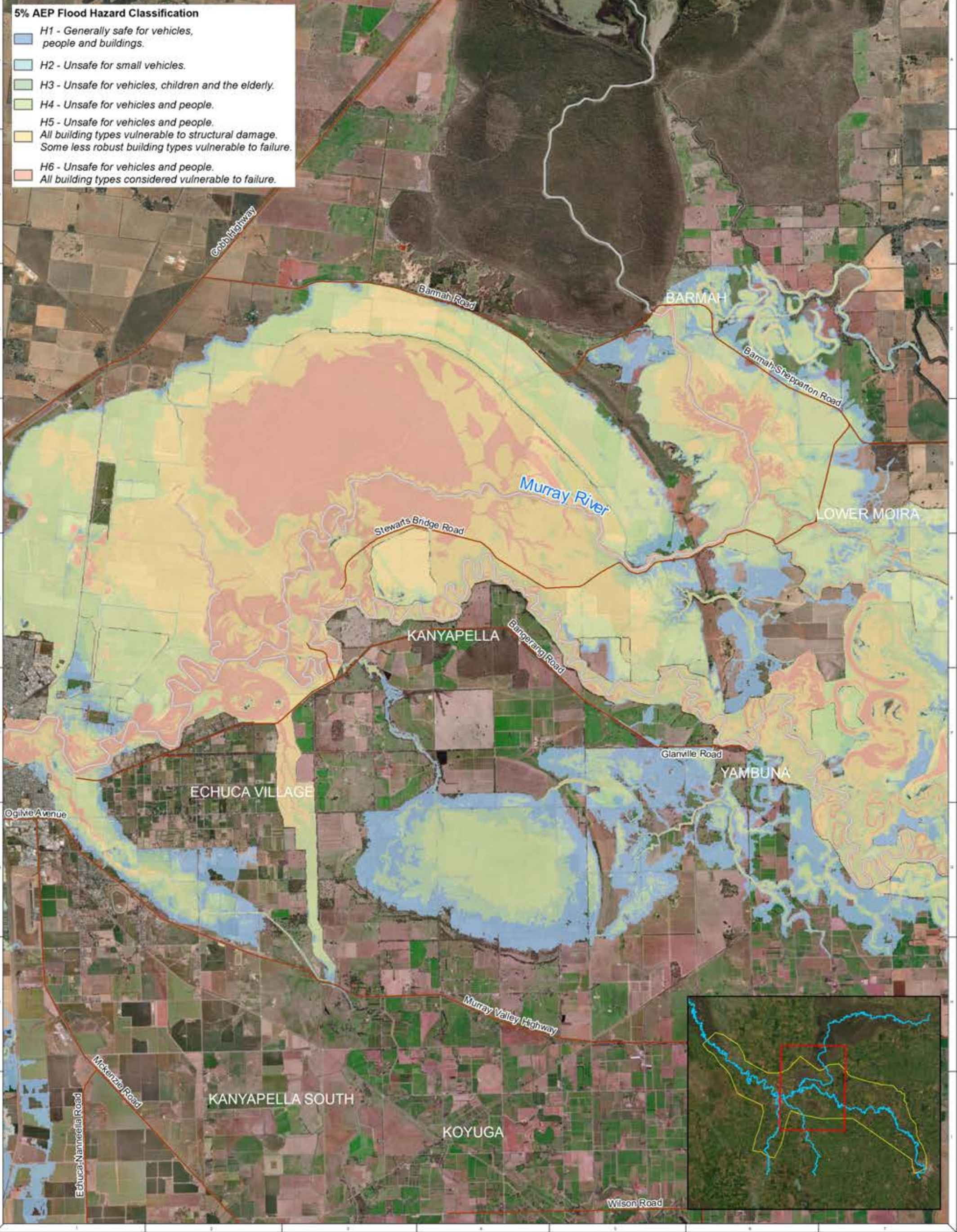
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

DRAWING NO: 51/01

- 5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people.
 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 52 - 5% AEP Flood Hazard (Kanyapella)

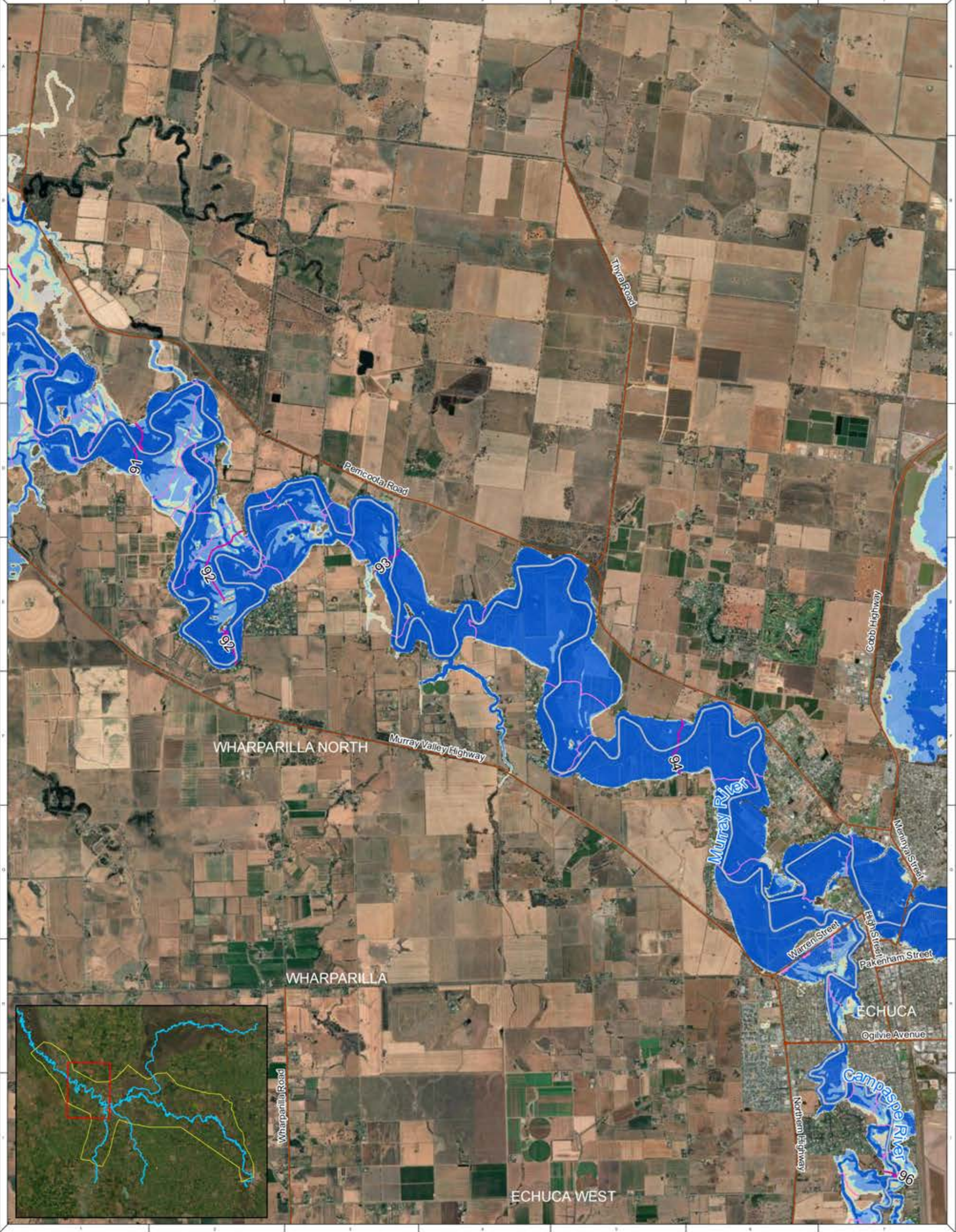
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE

BY

APPROVED BY



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

5% AEP Maximum Flood Depth

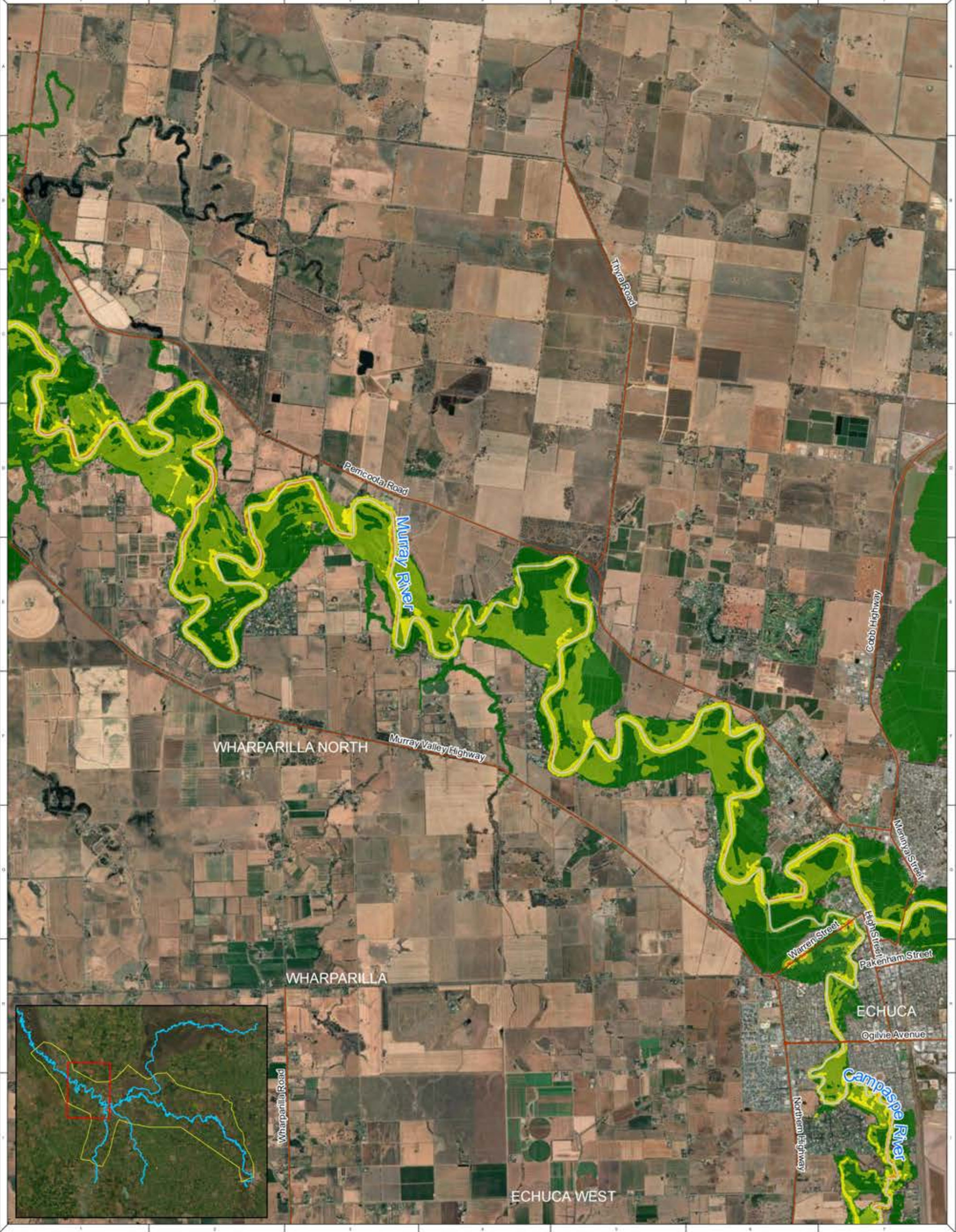
- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 53 - 5% AEP Flood Depth (Echuca West)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads		0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

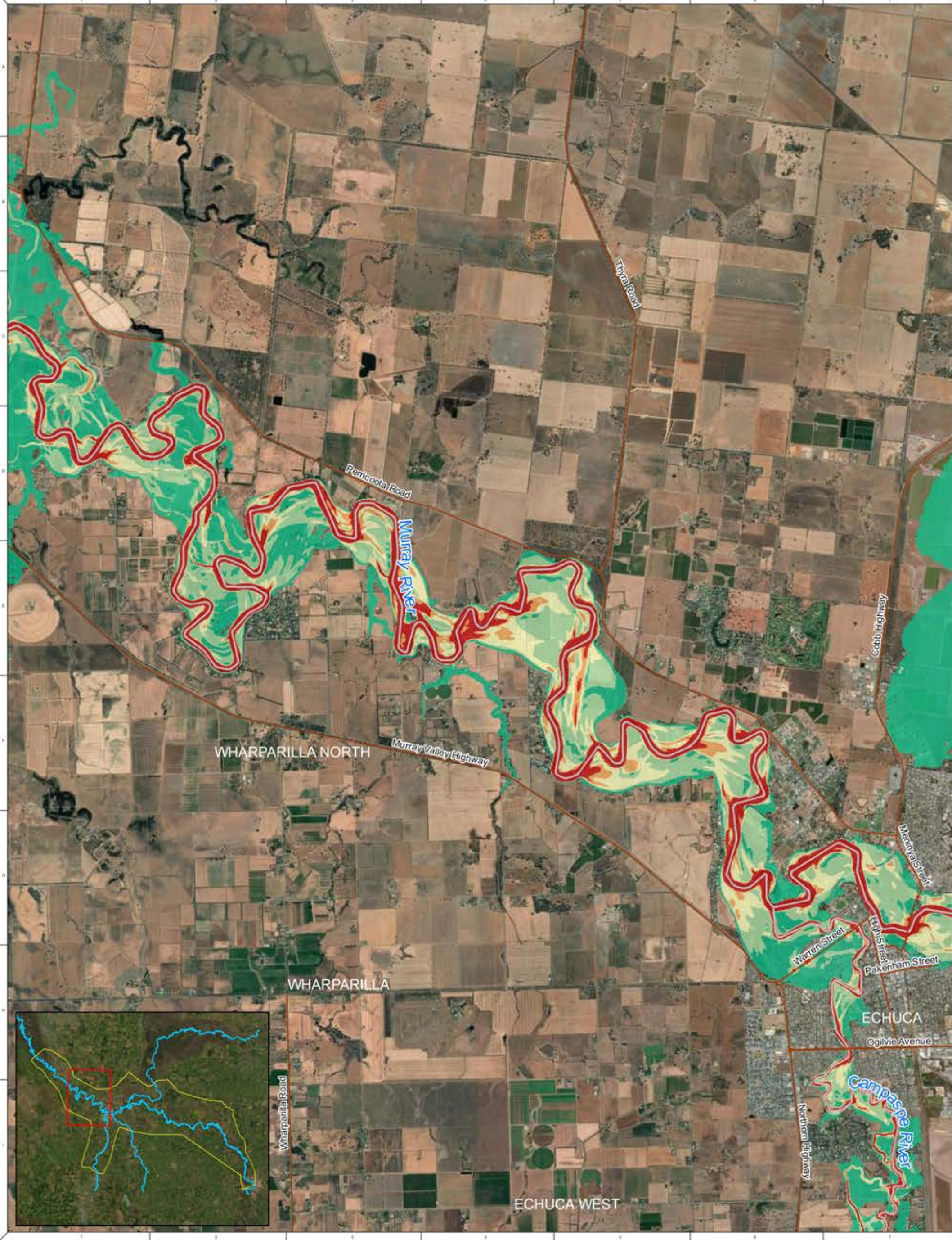
1:61,000 at A3

Map 54 - 5% AEP Flood Velocity (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023

PROJECT: 202301

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	5% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 55 - 5% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

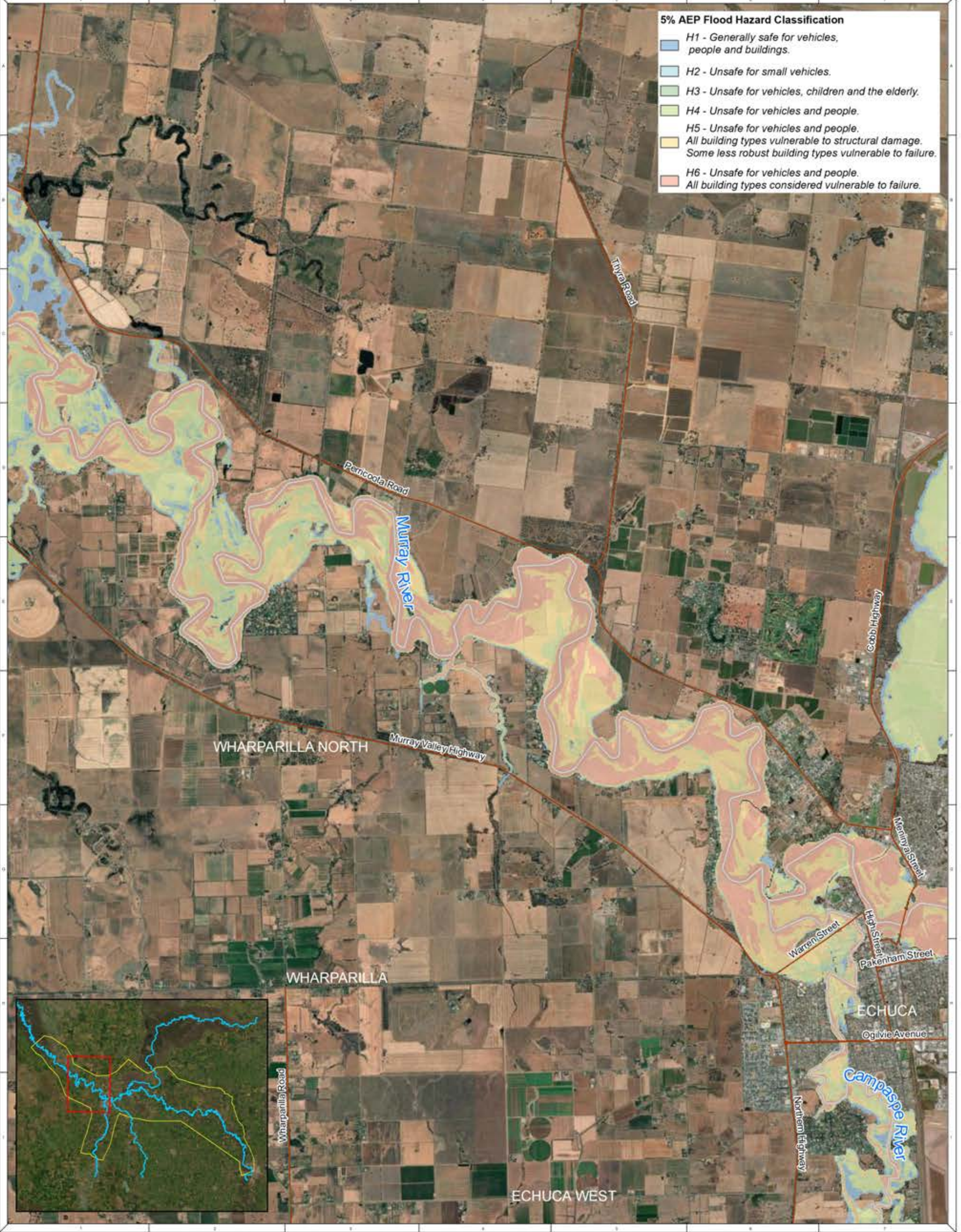
DATE: 10/01/2023

PROJECT: 202101

ISSUE: 01

5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,000 at A3

murray river council

Campaspe Shire Council

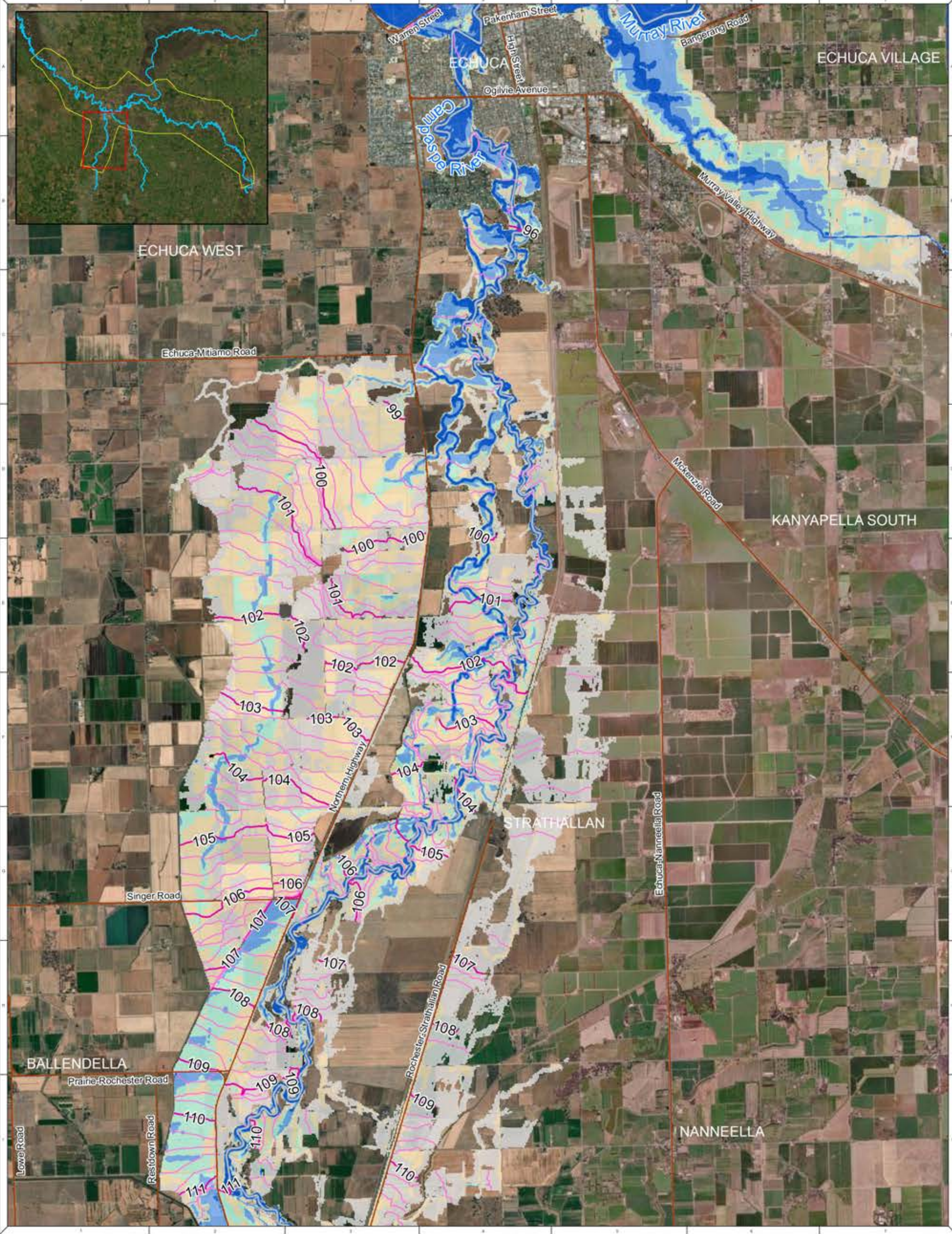
WATER TECHNOLOGY

Map 56 - 5% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 18/07/23

PROJECT: 20220100000000



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)**
 - Major Contour
 - Minor Contour

5% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 0.5 1 2 Kilometers

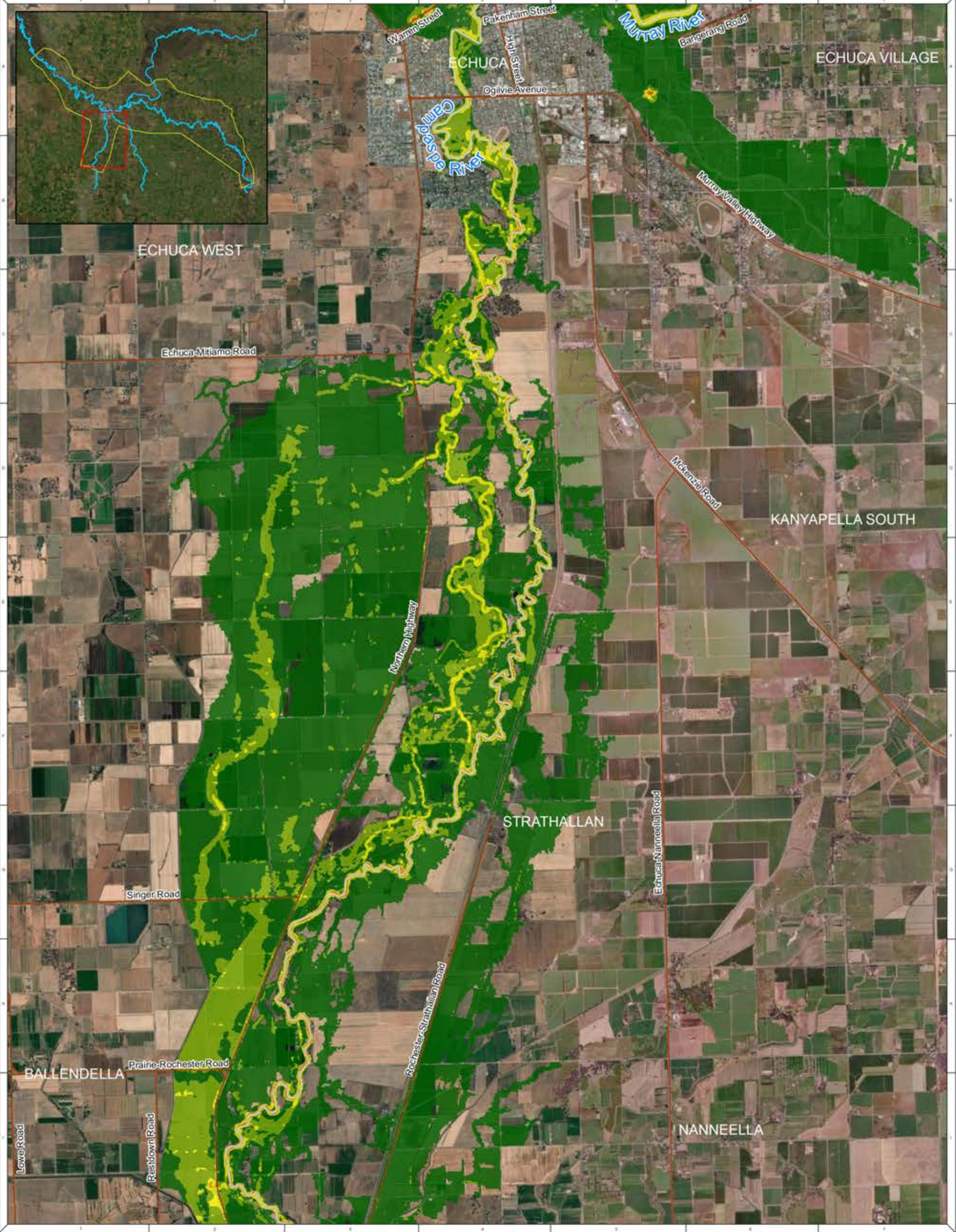
1:61,500 at A3

Map 57 - 5% AEP Flood Depth (Campaspe)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads		
Cadastral		
River		> 2.0 velocity color swatch"/>

Scale: 0 0.5 1 2 Kilometers

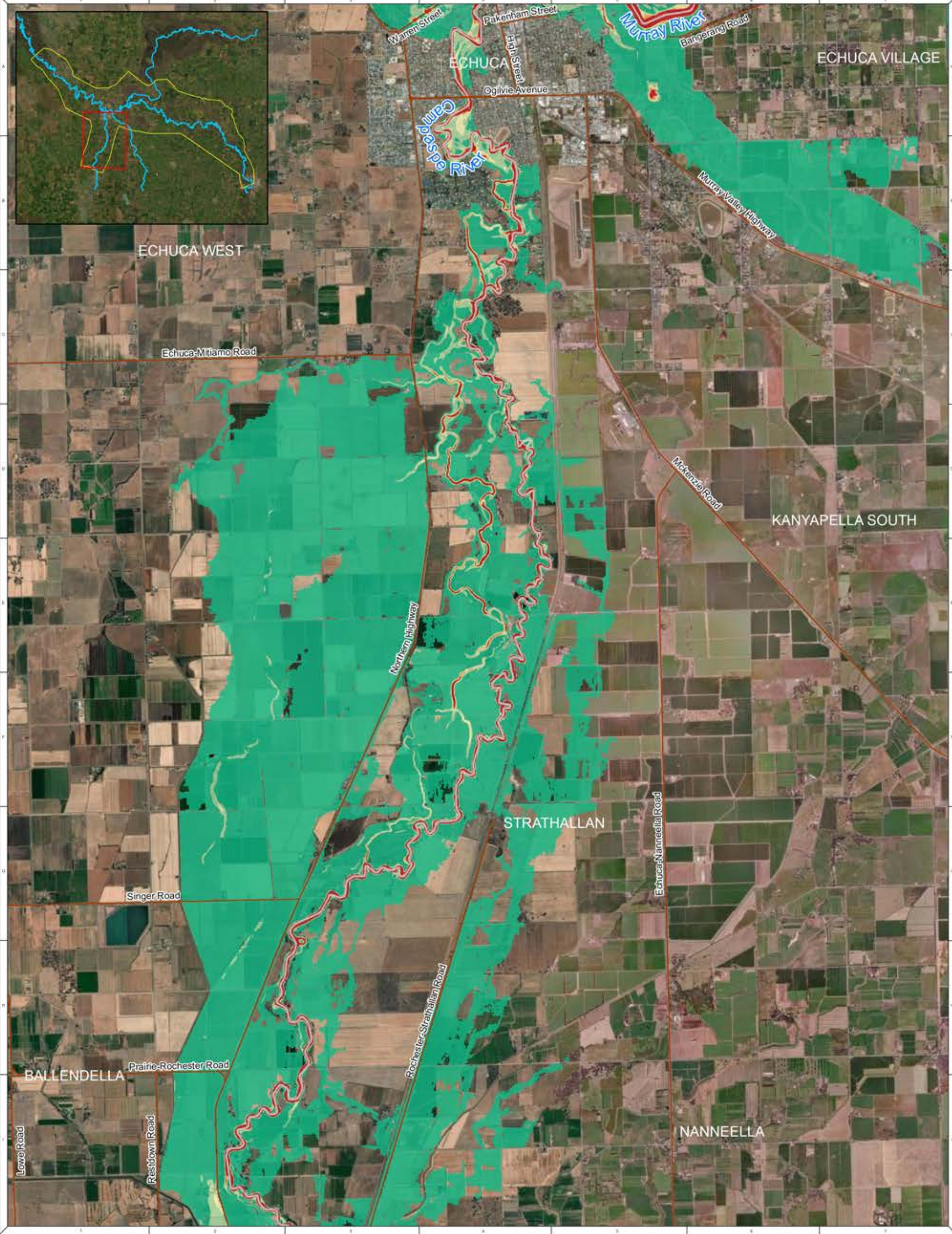
1:61,500 at A3

Map 58 - 5% AEP Flood Velocity (Campaspe)
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Campaspe Shire Council / Murray River Council Flood Study Report](#)

DATE: 10/01/2023

DRAWING NUMBER: 58



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	5% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

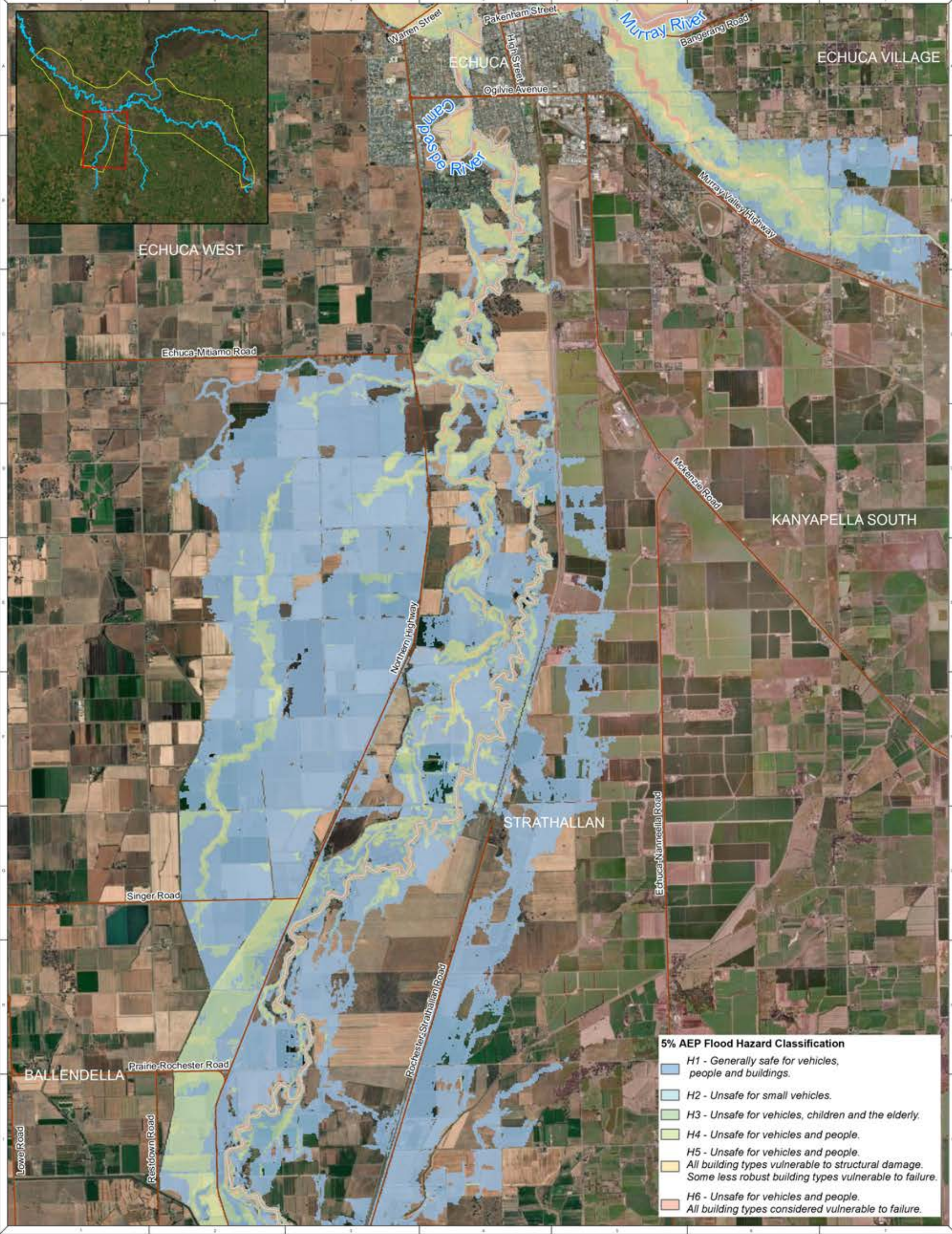
Map 59 - 5% AEP Flood VxD (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



5% AEP Flood Hazard Classification

	H1 - Generally safe for vehicles, people and buildings.
	H2 - Unsafe for small vehicles.
	H3 - Unsafe for vehicles, children and the elderly.
	H4 - Unsafe for vehicles and people.
	H5 - Unsafe for vehicles and people.
	All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
	H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

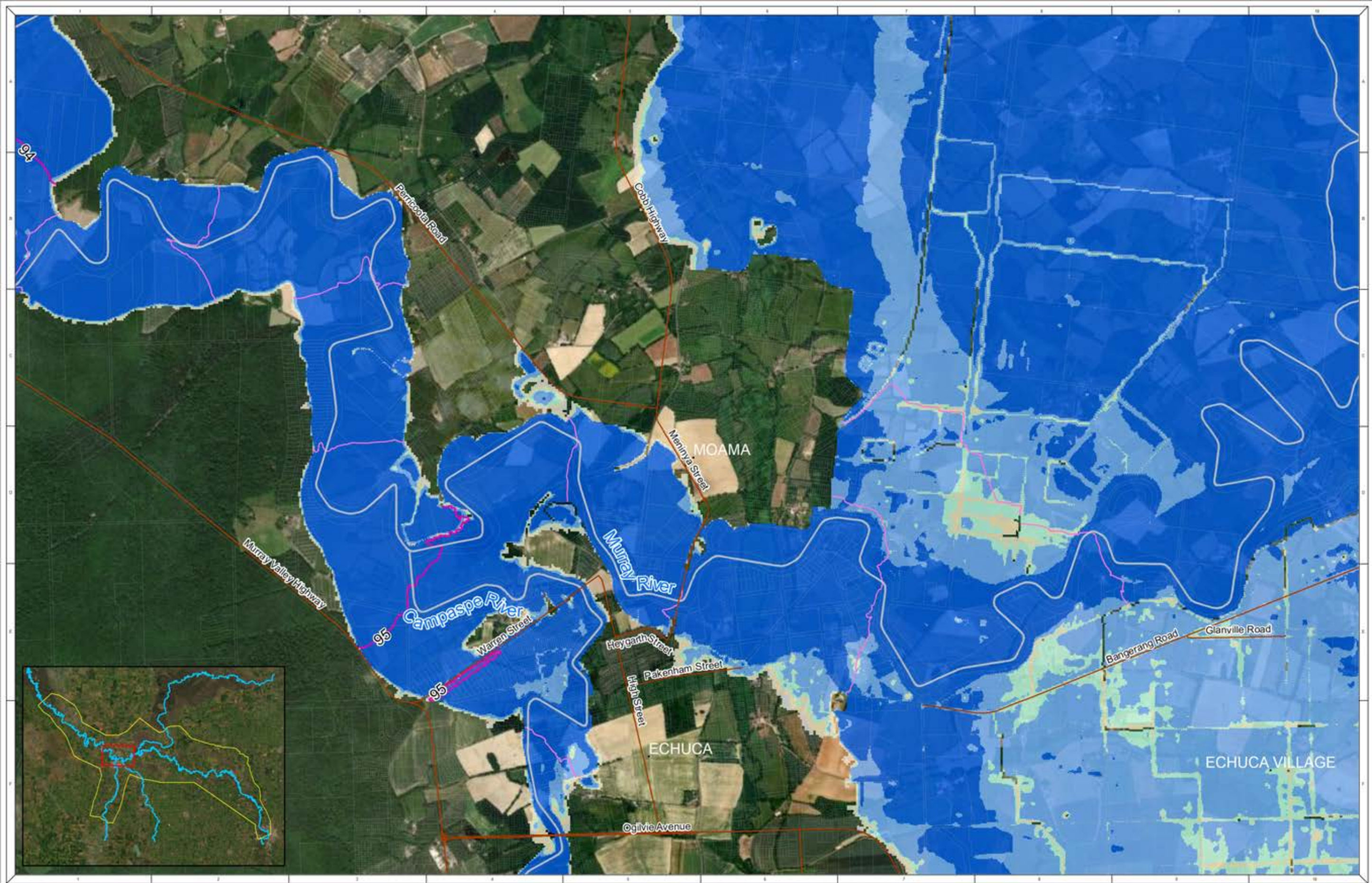
- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

Map 60 - 5% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study



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LEGEND

Roads	WSE Contour line (mAHD)	2% AEP Maximum Flood Depth (m)	0.3 - 0.5
Cadastre	Major Contour	0.1 - 0.3	0.5 - 1.0
River	Minor Contour		> 1.0 symbol"/> > 1.0

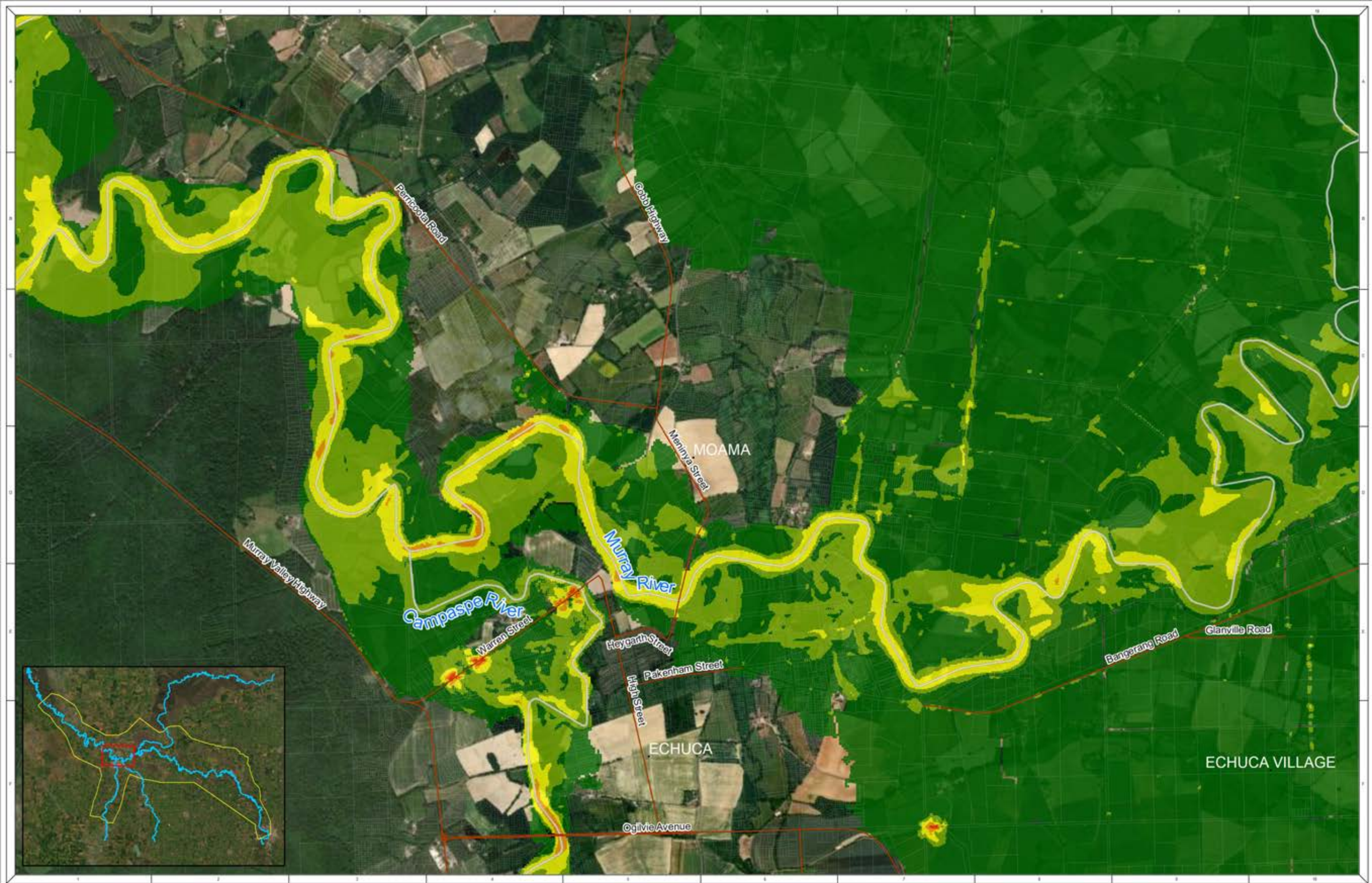
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
 murray river council
 Campaspe Shire Council

Map 61 - 2% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/01/2023 SHEET: 14 OF 14



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments.

Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- Cadastre
- River

2% AEP Maximum Velocity (m/s)

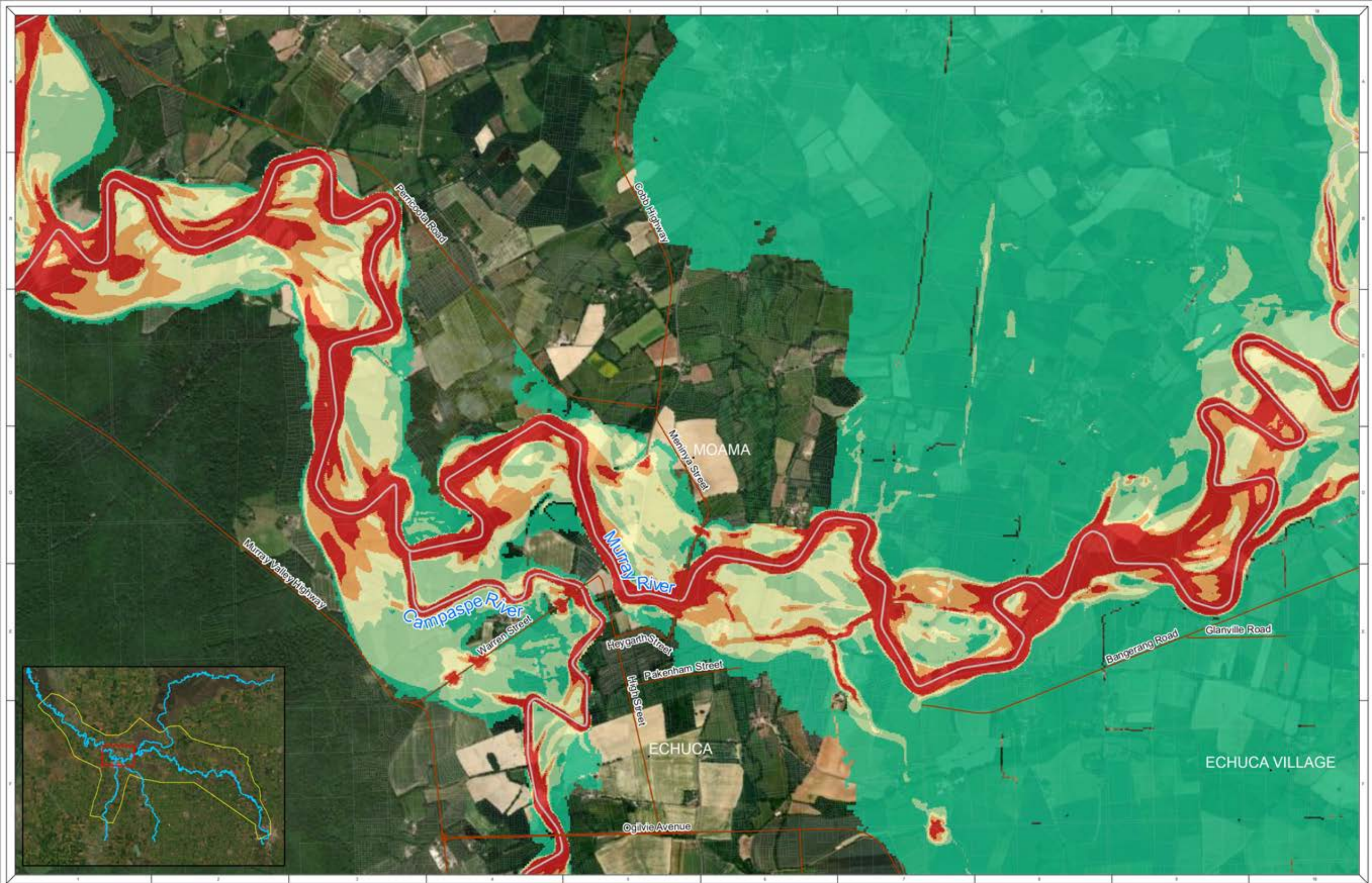
- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2
- > 2.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 62 - 2% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/08/2023 SHEET: 14 DRAWING NUMBER: 14000000000000000000



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

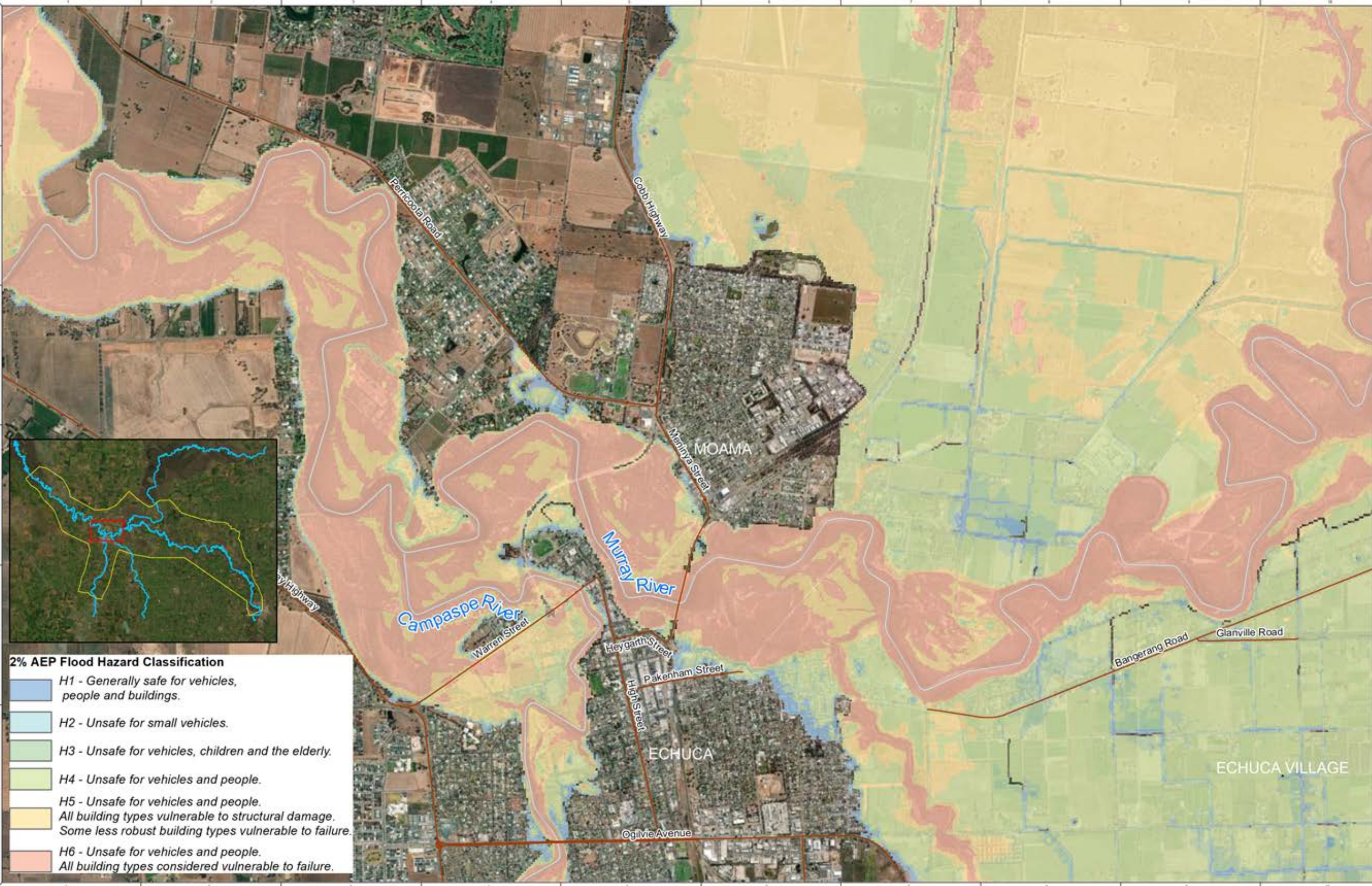
- Roads
- Cadastre
- River
- 2% AEP Maximum VxD (m³/s)
 - 0
 - 0.25
 - 0.5
 - 0.75
 - 1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 63 - 2% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/08/2023 SHEET: 14 OF 14 DRAWING NUMBER: 14000000000000000000



- 2% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual situations. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- Roads
- Cadastre
- River

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 64 - 2% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study

REFERENCES: 1. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018, 2% AEP Flood Hazard Study, Unpublished. 2. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018, 2% AEP Flood Hazard Study, Unpublished. 3. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018, 2% AEP Flood Hazard Study, Unpublished. 4. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018, 2% AEP Flood Hazard Study, Unpublished.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

2% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 0.15 0.3 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

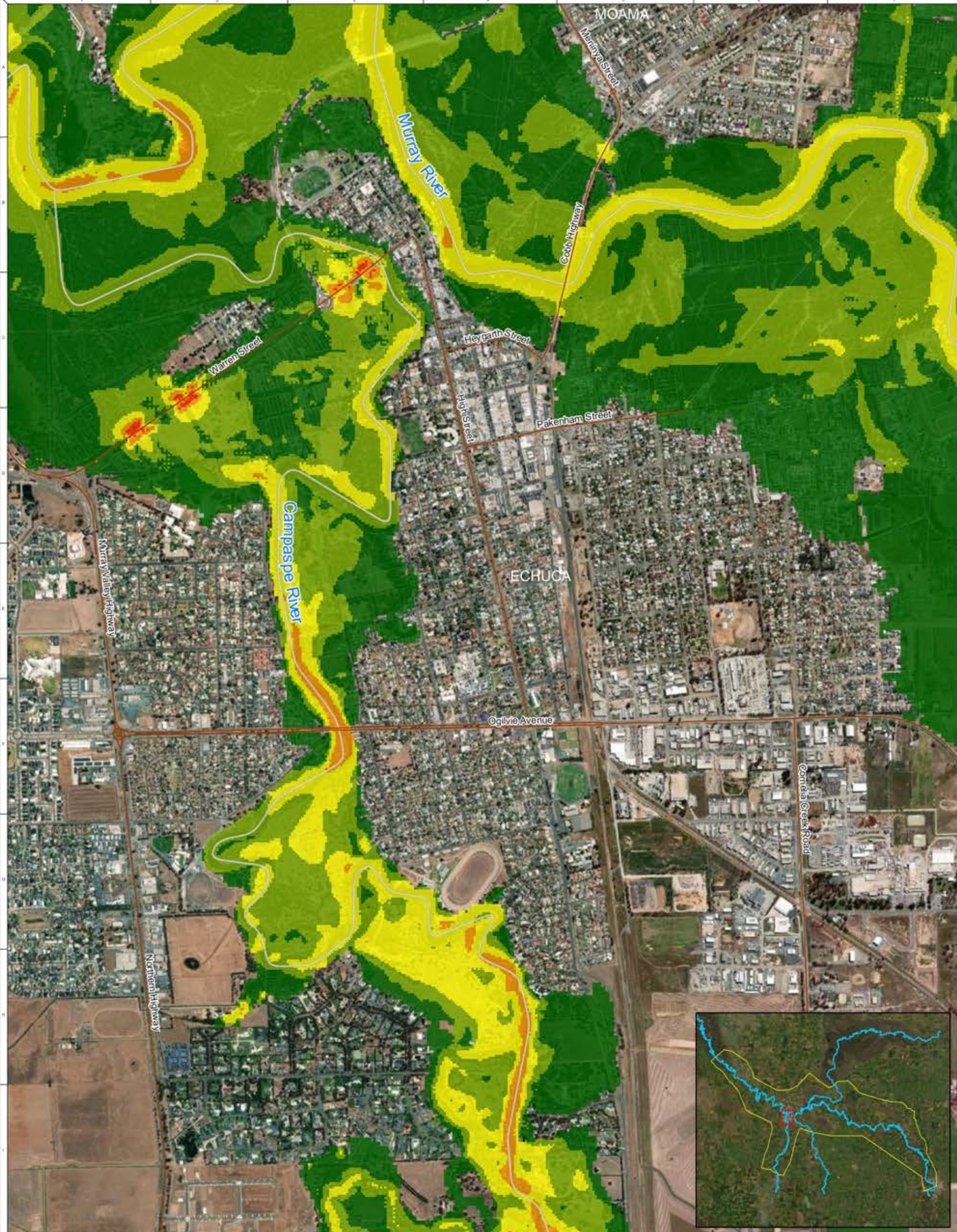
Map 65 - 2% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

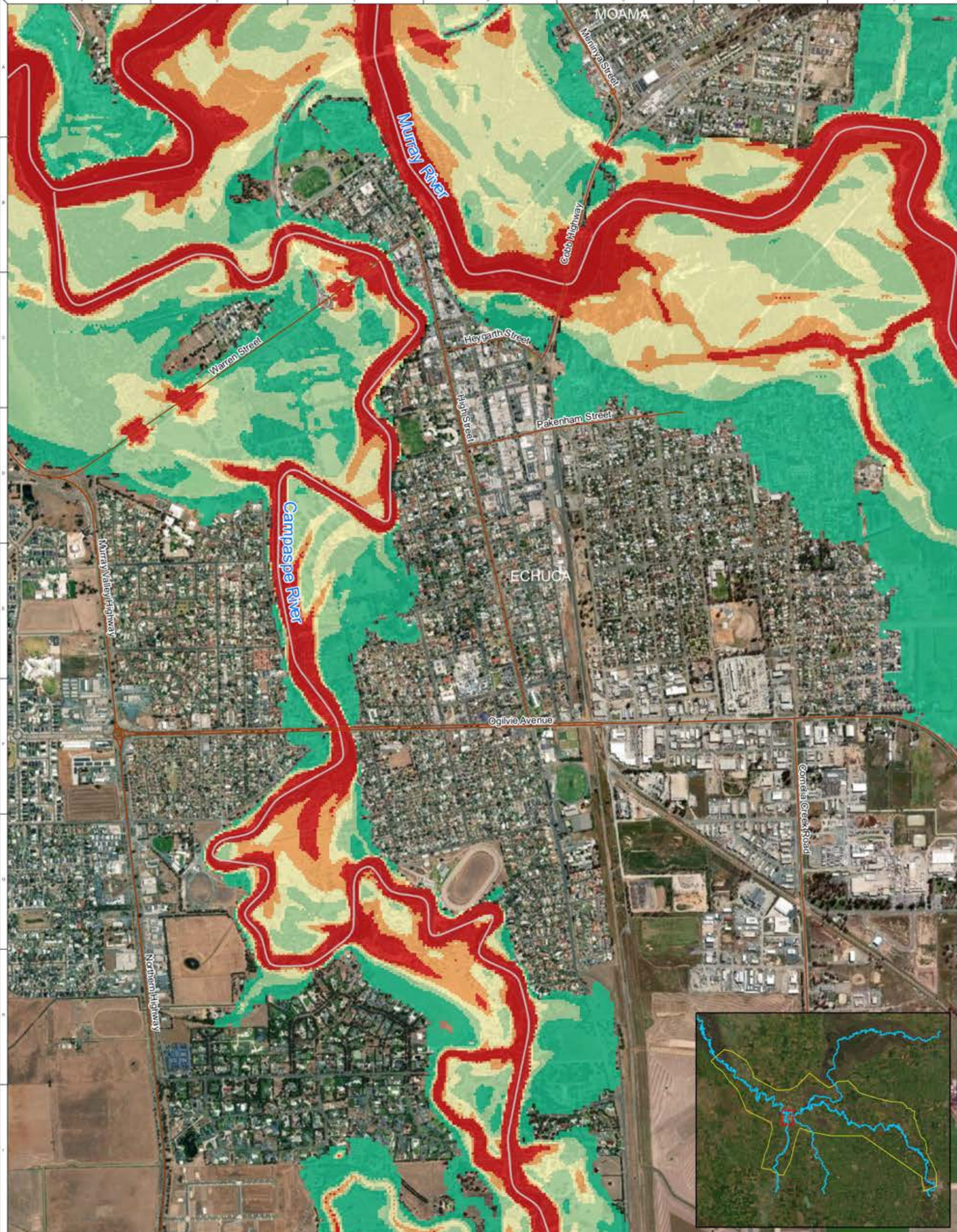
Map 66 - 2% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

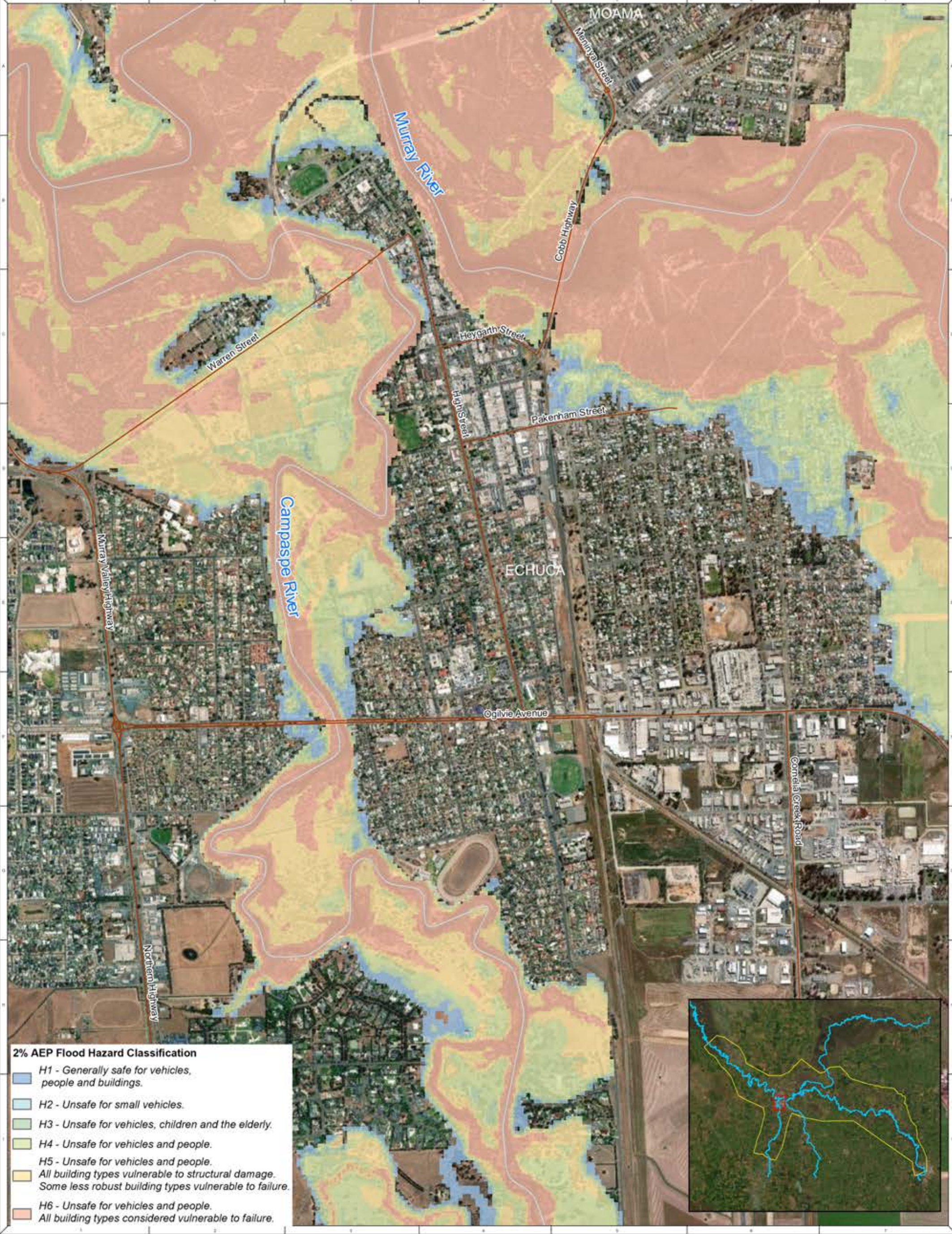
Map 66 - 2% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



- 2% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

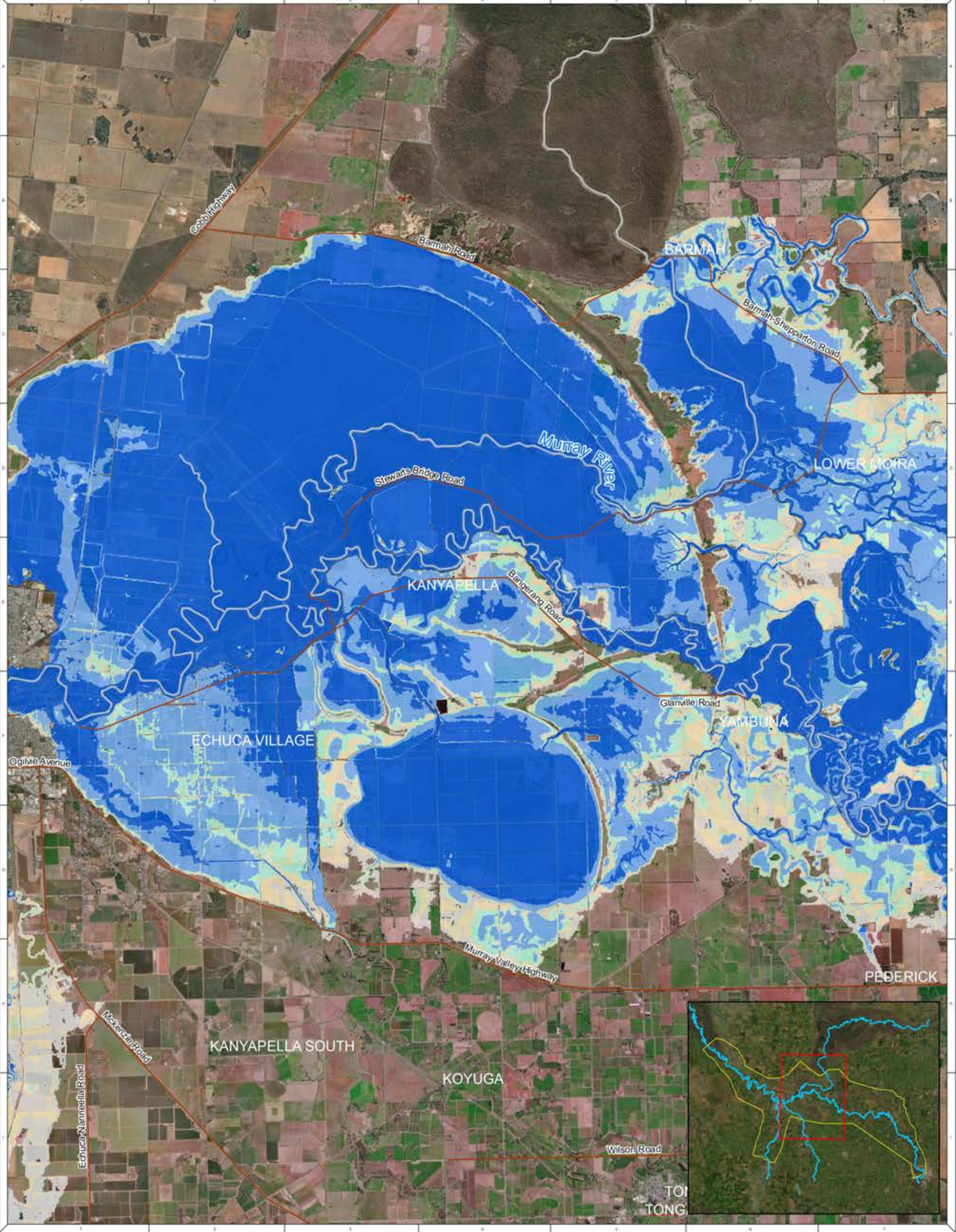
Campaspe Shire Council

WATER TECHNOLOGY

Map 68 - 2% AEP Flood Hazard (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 16/03/21



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum Flood Depth (m)
Cadastral	0 - 0.1
River	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	> 1.0 m depth"/> > 1.0

Scale: 0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 69 - 2% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

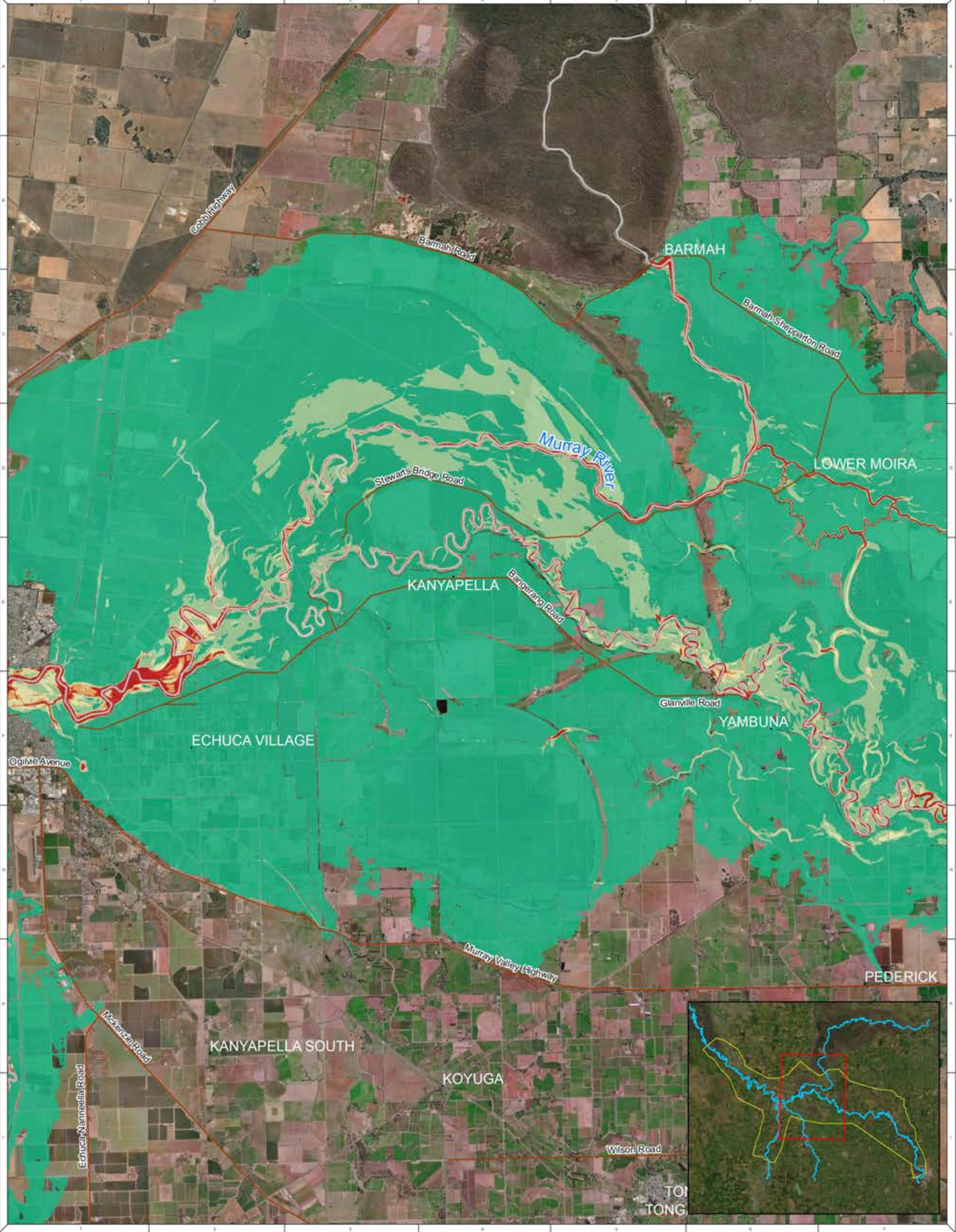
Roads		
Cadastral		
River		

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

Map 70 - 2% AEP Flood Velocity (Kanyapella)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 71 - 2% AEP Flood VxD (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

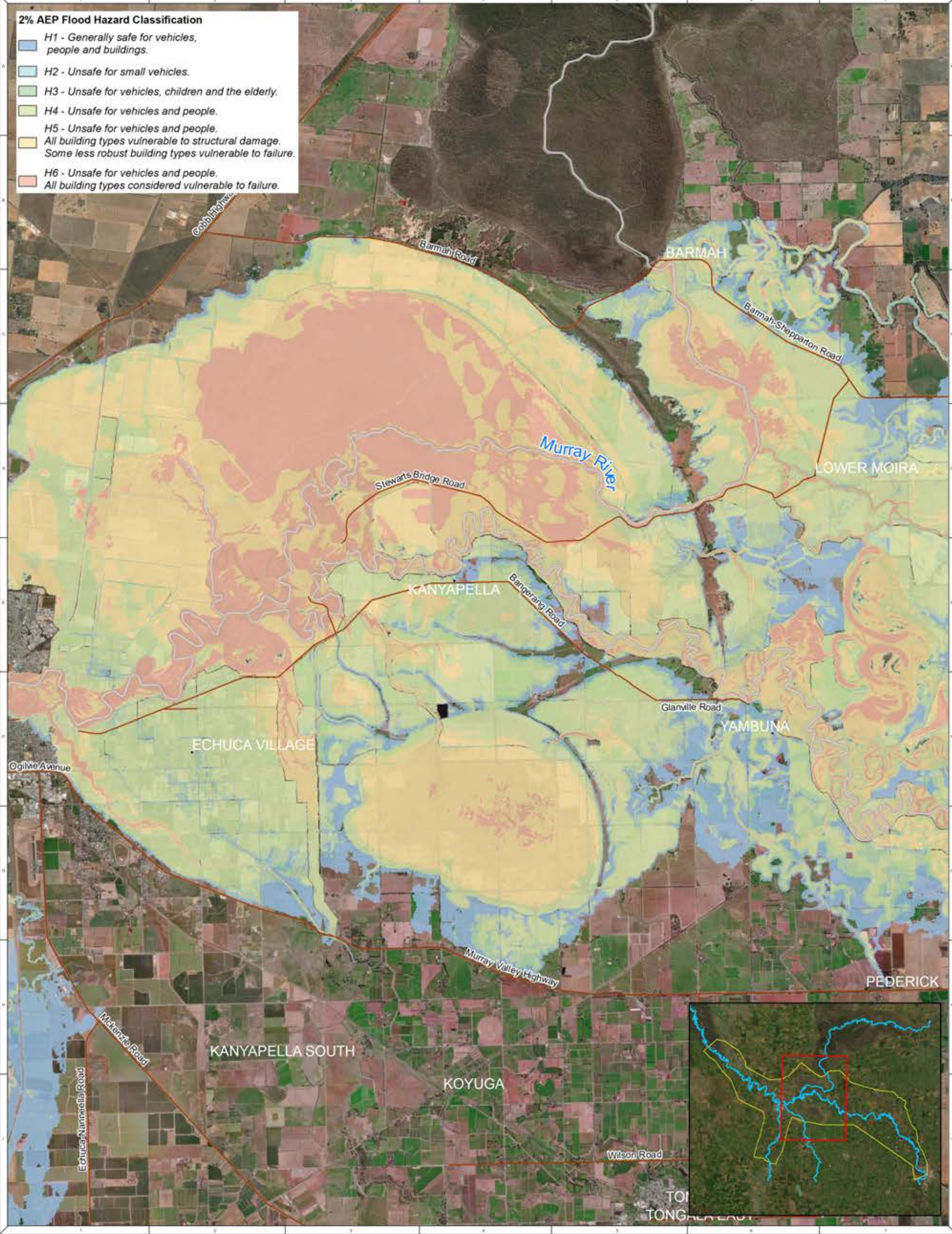
DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01

2% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 1 2 Kilometers

1:92,933 at A3

Map 72 - 2% AEP Flood Hazard (Kanyapella)

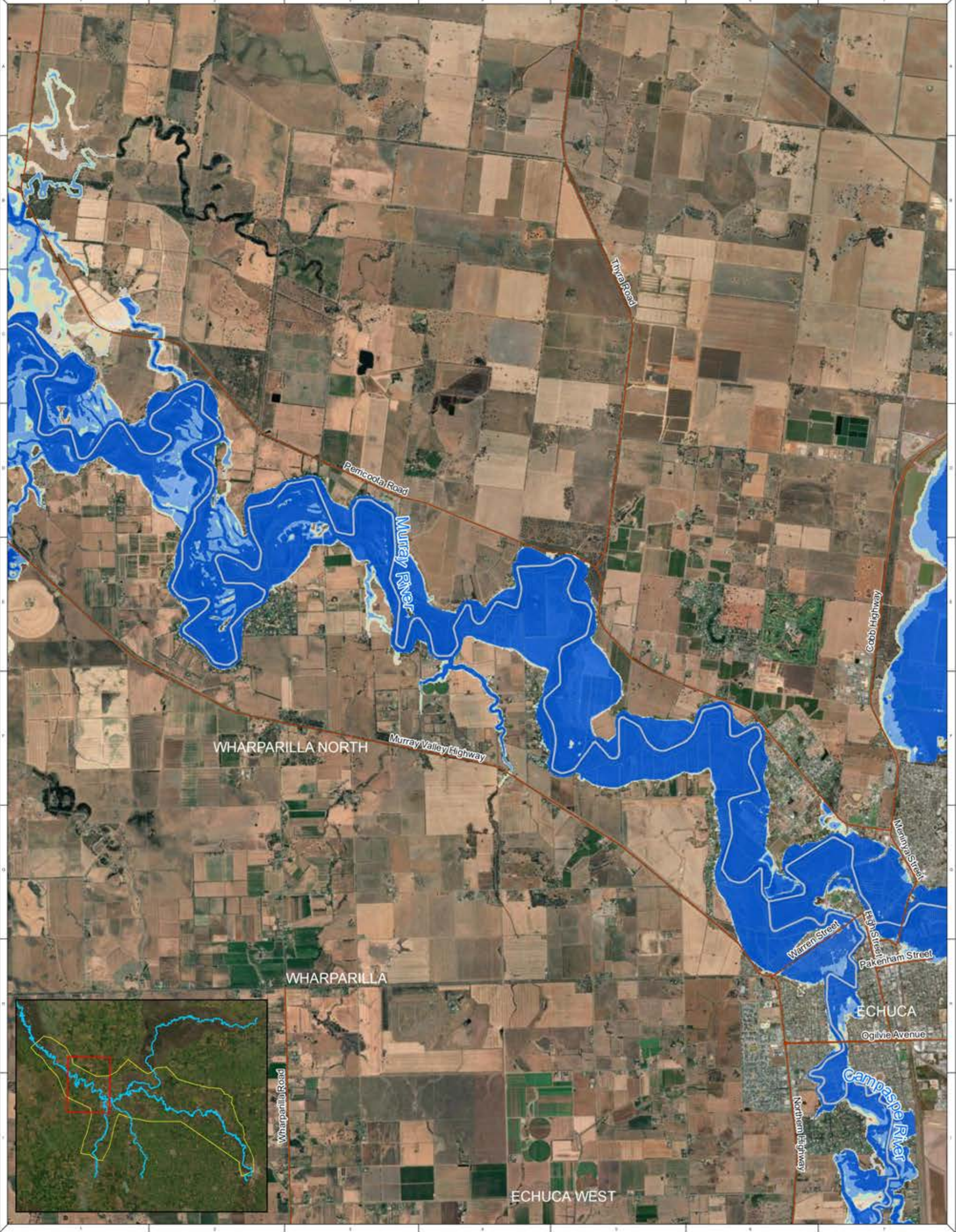
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

PROJECT: [Blank]

ISSUE NO: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

	Roads		2% AEP Maximum Flood Depth
	Cadastral		0 - 0.1
	River		0.1 - 0.3
			0.3 - 0.5
		> 1.0 flood depth symbol"/>	0.5 - 1.0
			> 1.0

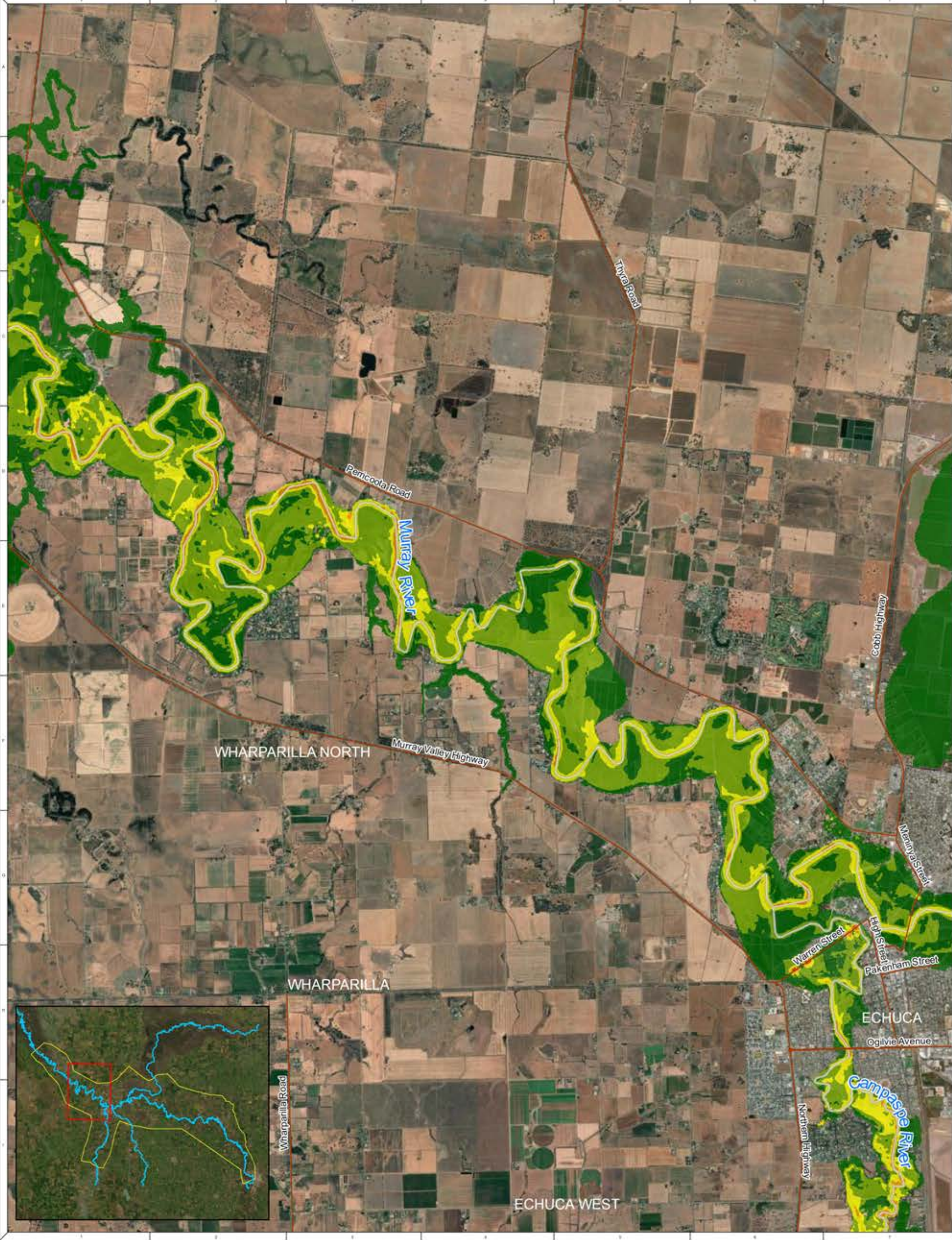
0 0.5 1 2 Kilometers

1:61,000 at A3



Map 73 - 2% AEP Flood Depth (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum Velocity	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

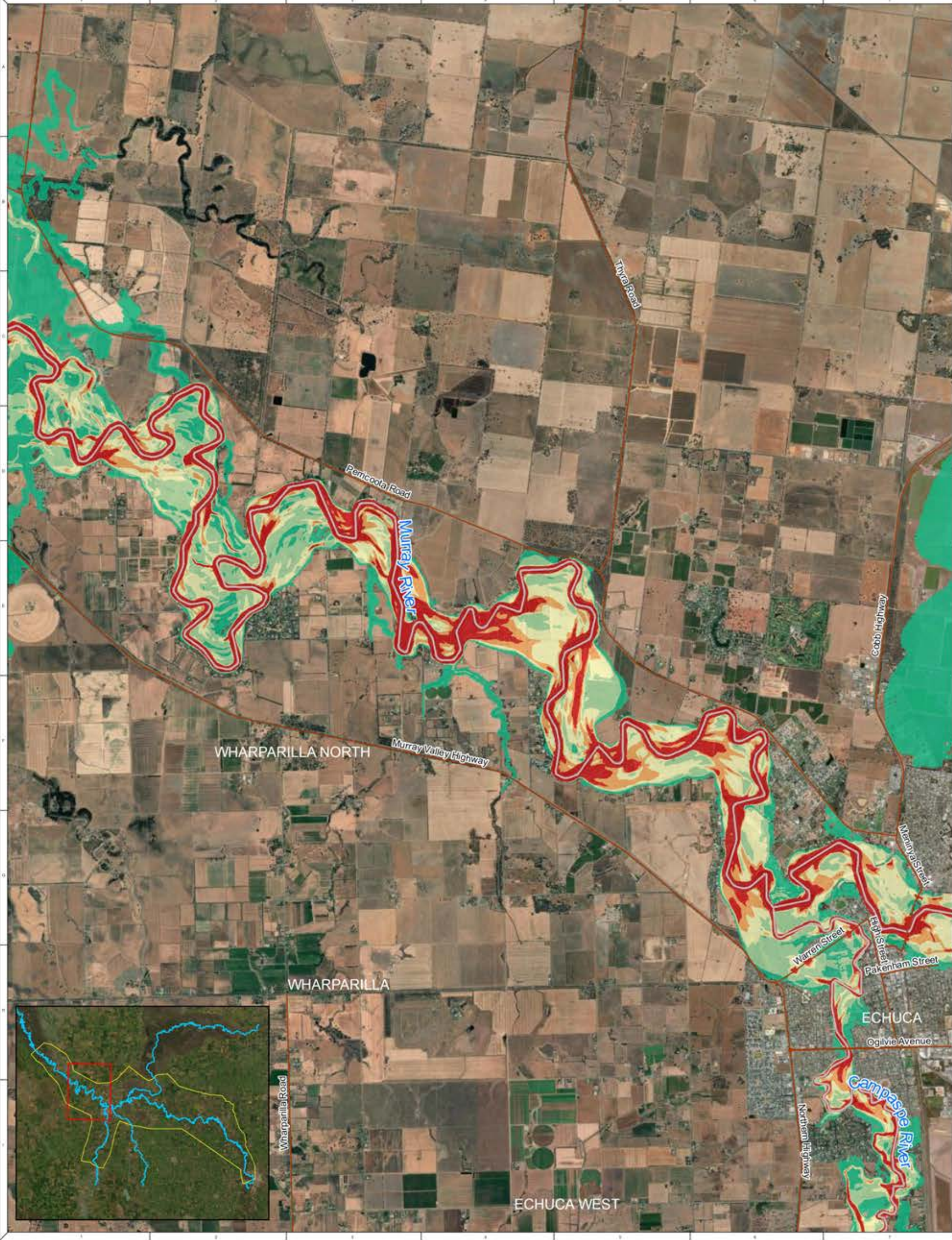
0 0.5 1 2 Kilometers

1:61,000 at A3

Map 74 - 2% AEP Flood Velocity (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE	DESCRIPTION



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 75 - 2% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

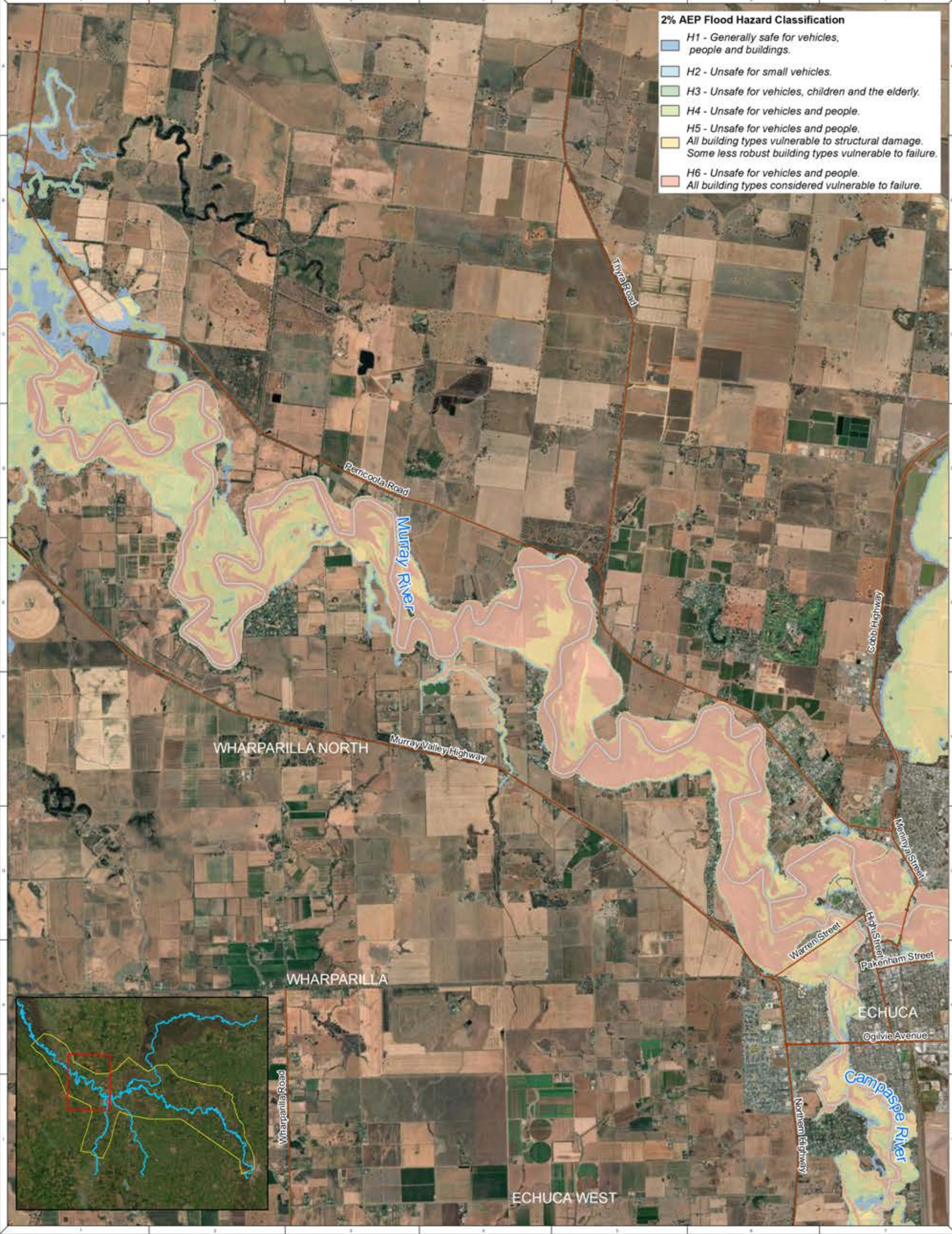
DATE: 10/01/2023

PROJECT: 202101

ISSUE: 01

2% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

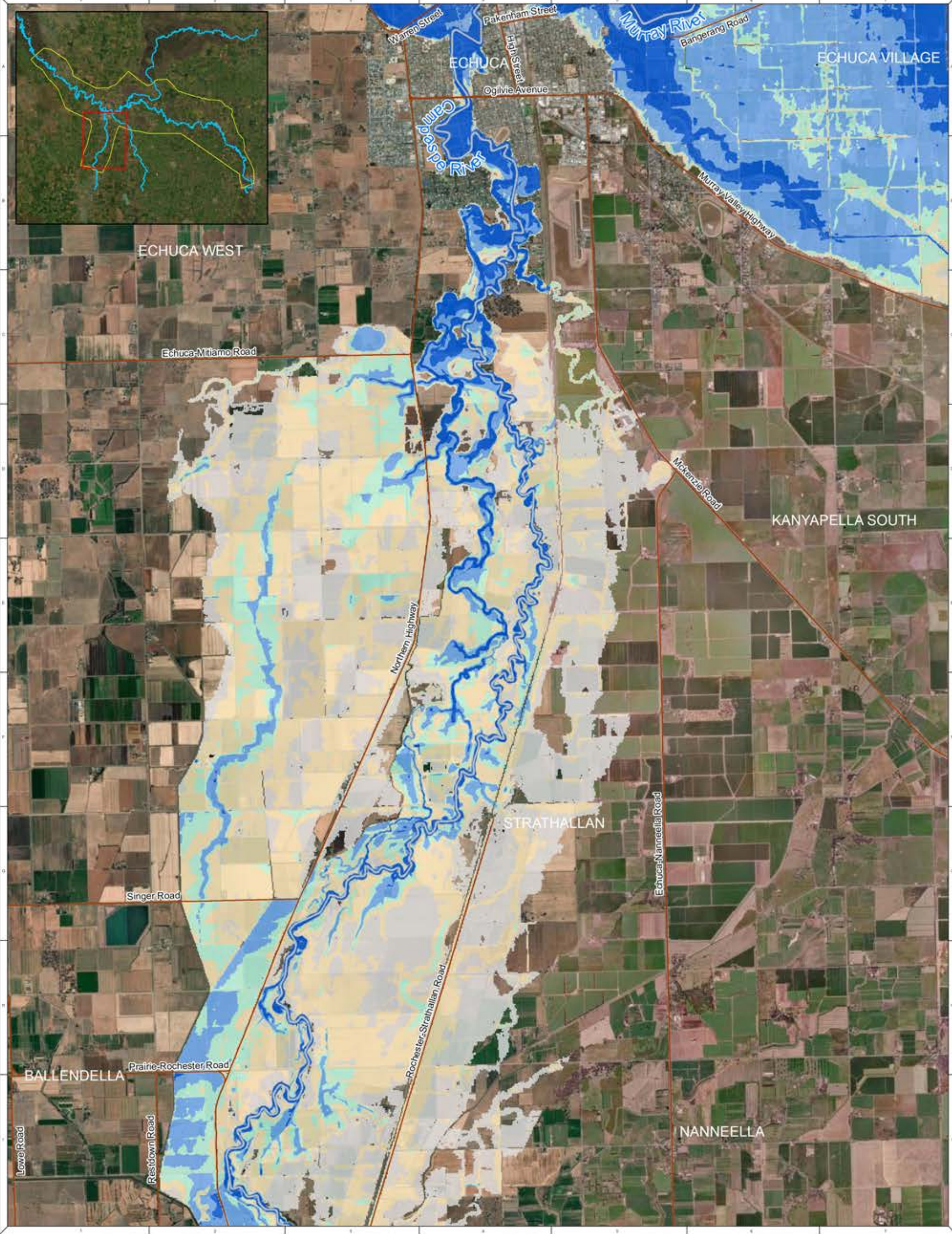
0 0.5 1 2 Kilometers

1:61,000 at A3

Map 76 - 2% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/07/21



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum Flood Depth
Cadastral	0 - 0.1
River	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	> 1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

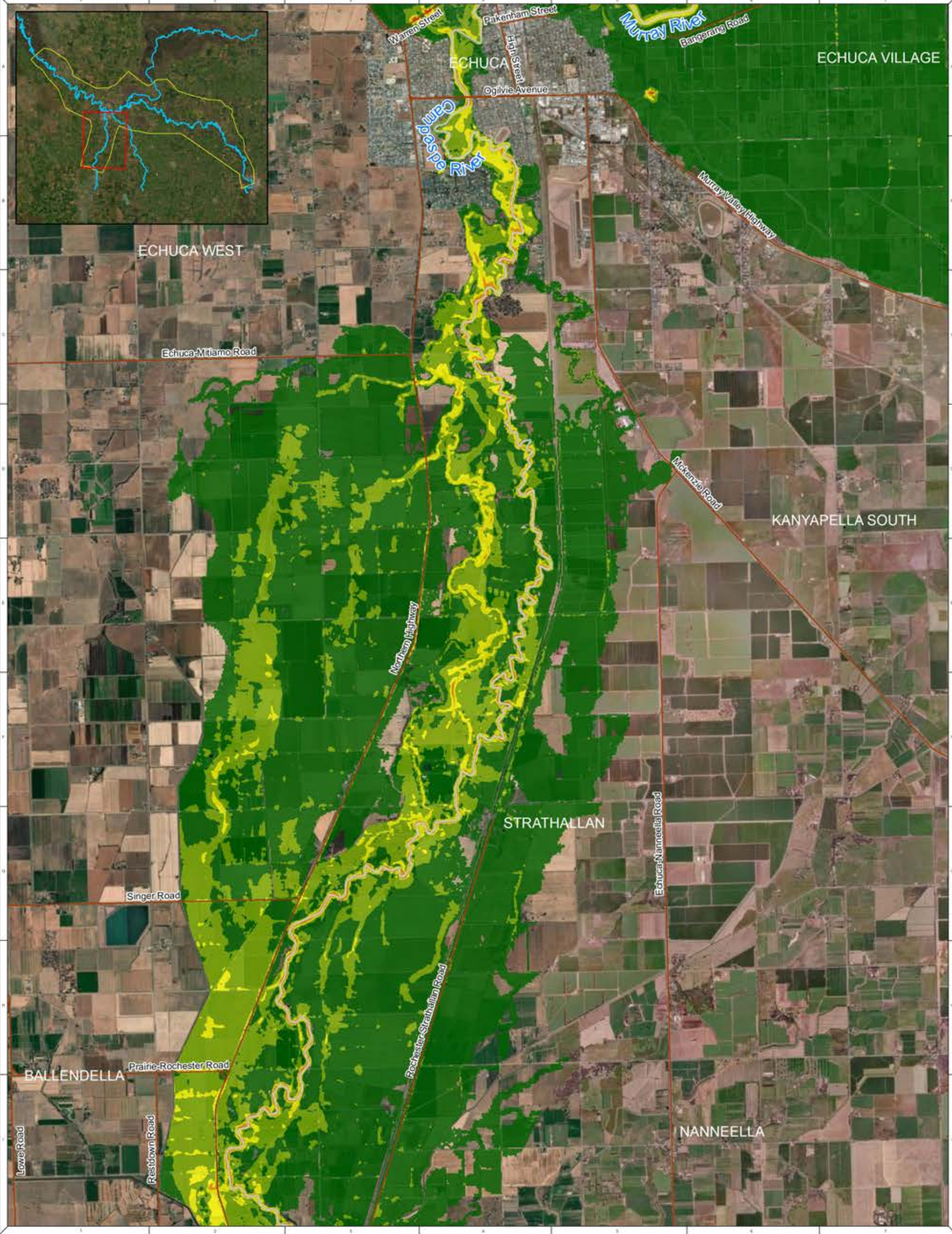
Map 77 - 2% AEP Flood Depth (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202101

ISSUE: 001



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	2% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

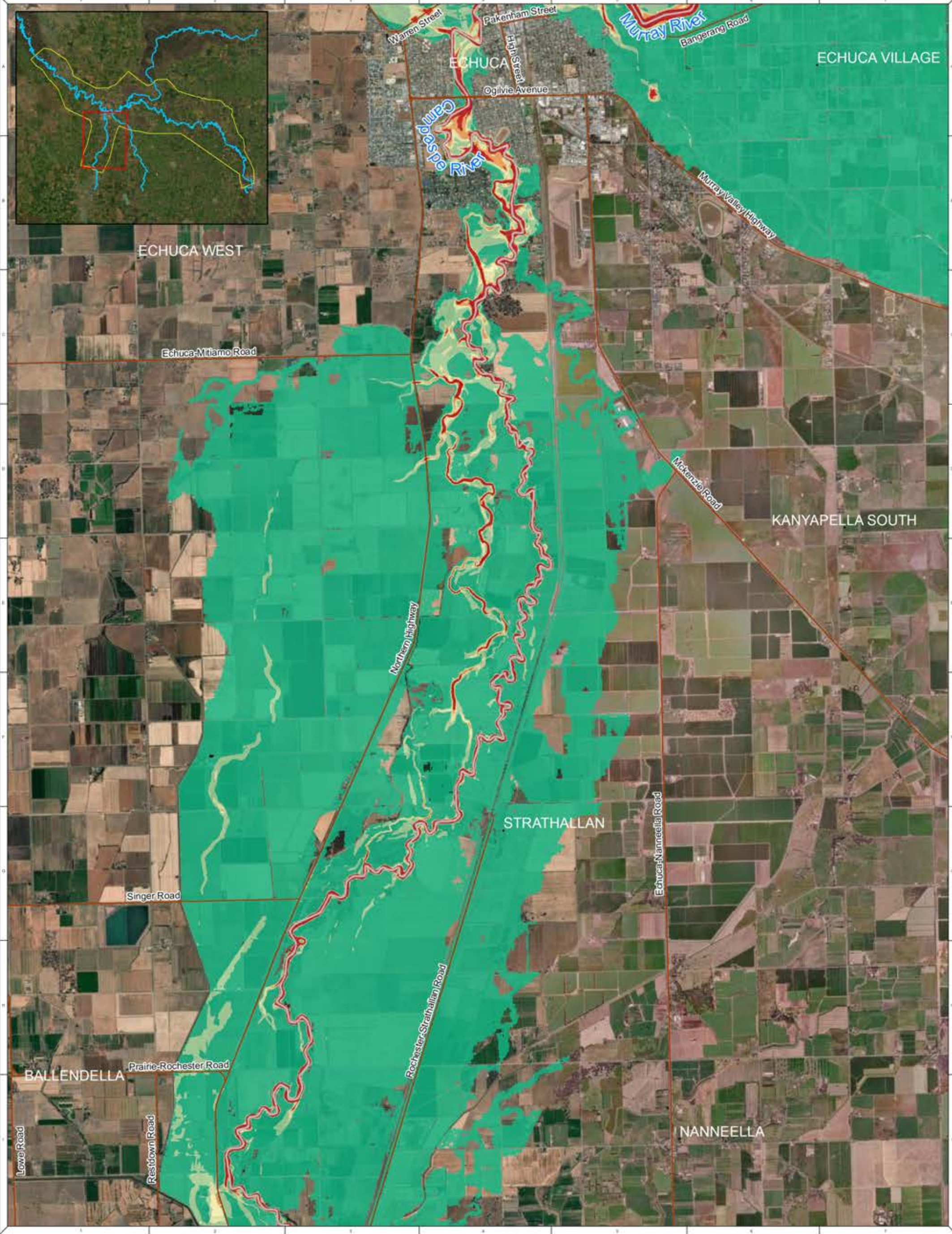
Map 78 - 2% AEP Flood Velocity (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	2% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

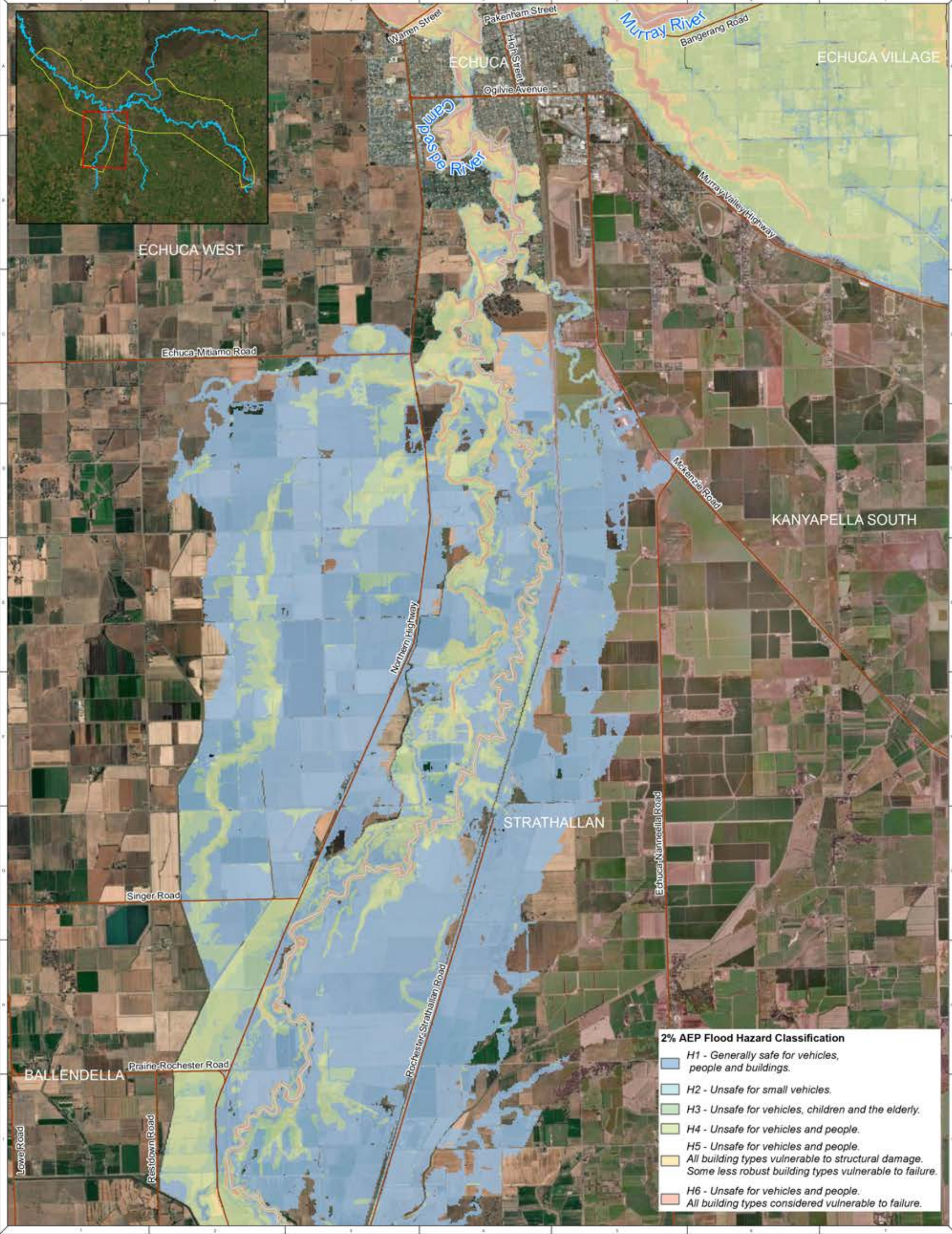
Map 79 - 2% AEP Flood VxD (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



2% AEP Flood Hazard Classification

	H1 - Generally safe for vehicles, people and buildings.
	H2 - Unsafe for small vehicles.
	H3 - Unsafe for vehicles, children and the elderly.
	H4 - Unsafe for vehicles and people.
	H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
	H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

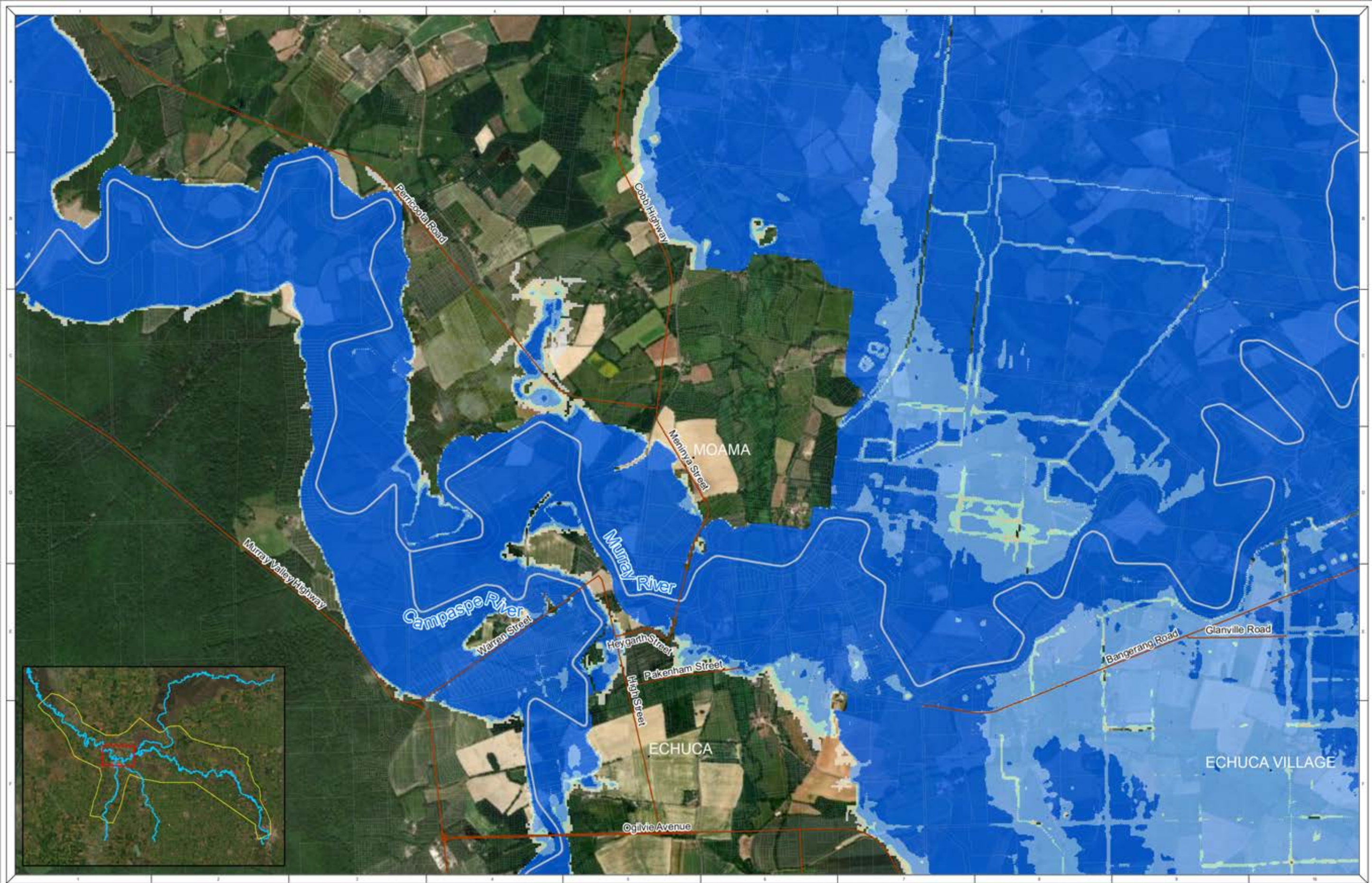
Map 80 - 2% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [blank]

DATE: [blank]

PROJECT: [blank]



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NOTE: Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

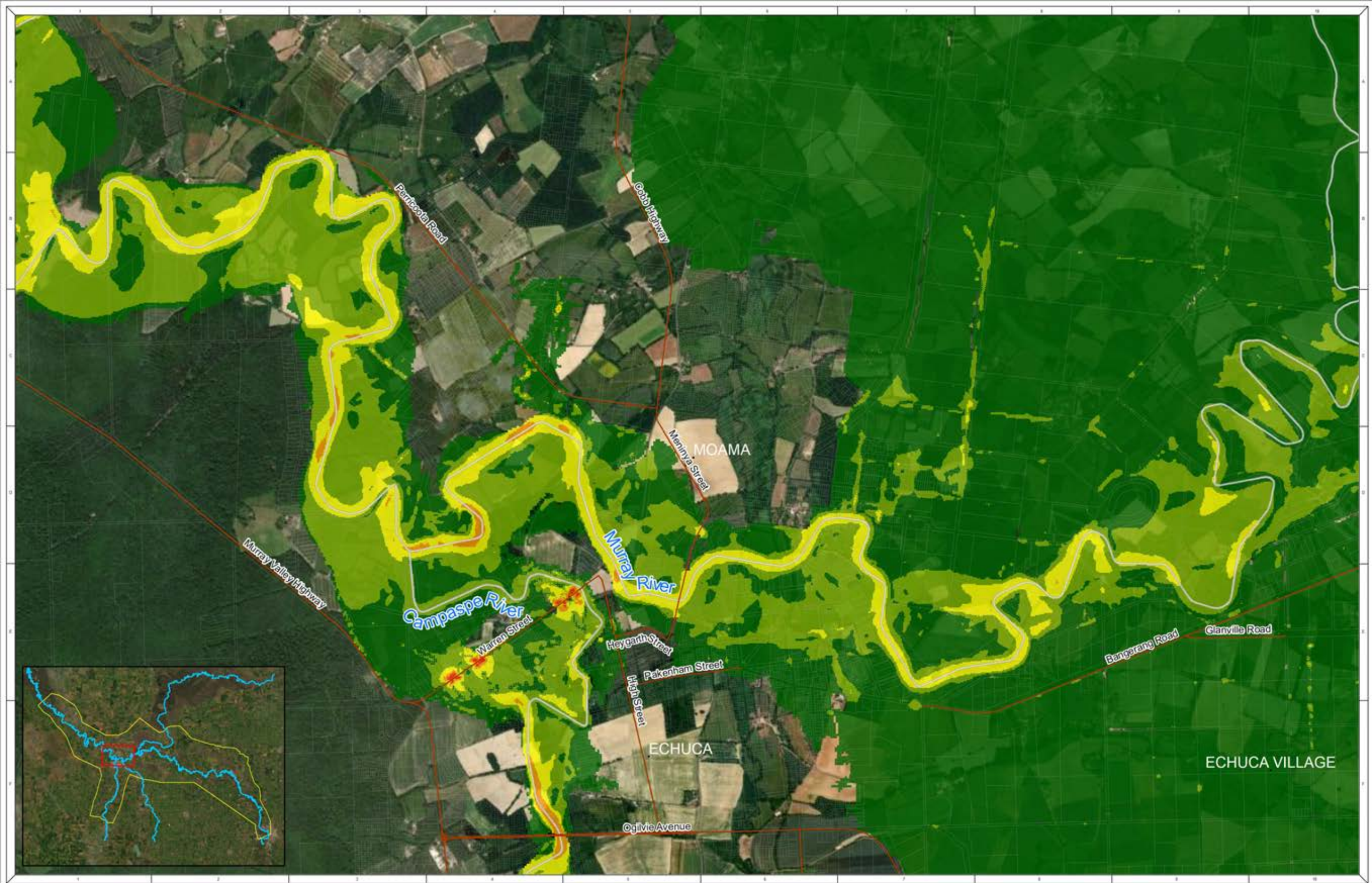
Roads	WSE Contour line (mAHD)	1% AEP Maximum Flood Depth (m)	0.3 - 0.5
Cadastre	Major Contour	0 - 0.1	0.5 - 1.0
River	Minor Contour	0.1 - 0.3	> 1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 81 - 1% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/08/2023 SHEET: 14 DRAWING NUMBER: 1400000000



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LEGEND

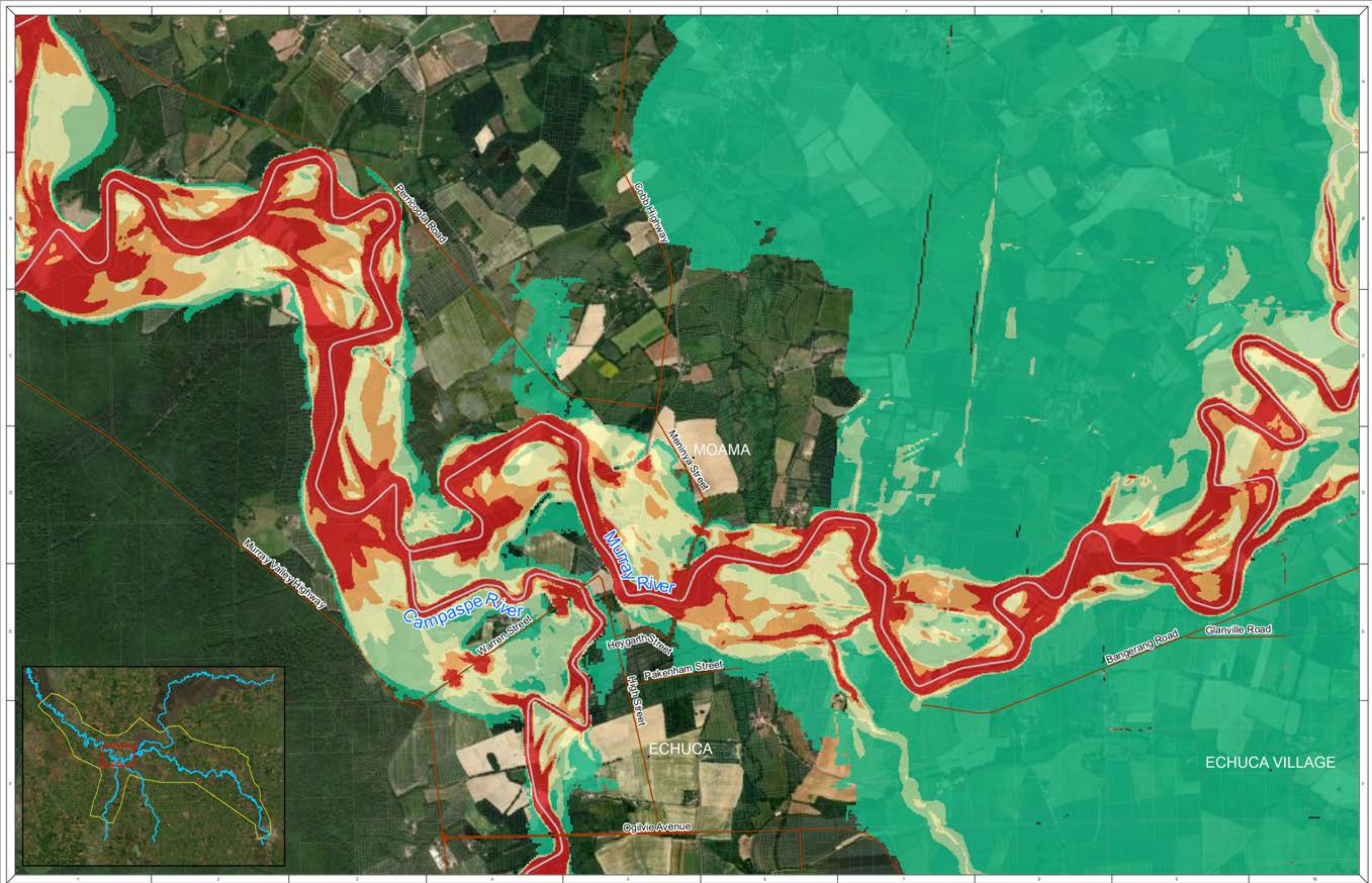
- Roads
- Cadastre
- River
- 1% AEP Maximum Velocity (m/s)
 - 0 - 0.25
 - 0.25 - 0.5
 - 0.5 - 1.0
 - 1.0 - 2
 - > 2.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 82 - 1% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/01/2023 SHEET: 14 DRAWING NUMBER: 14000000000000000000



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments.

LEGEND

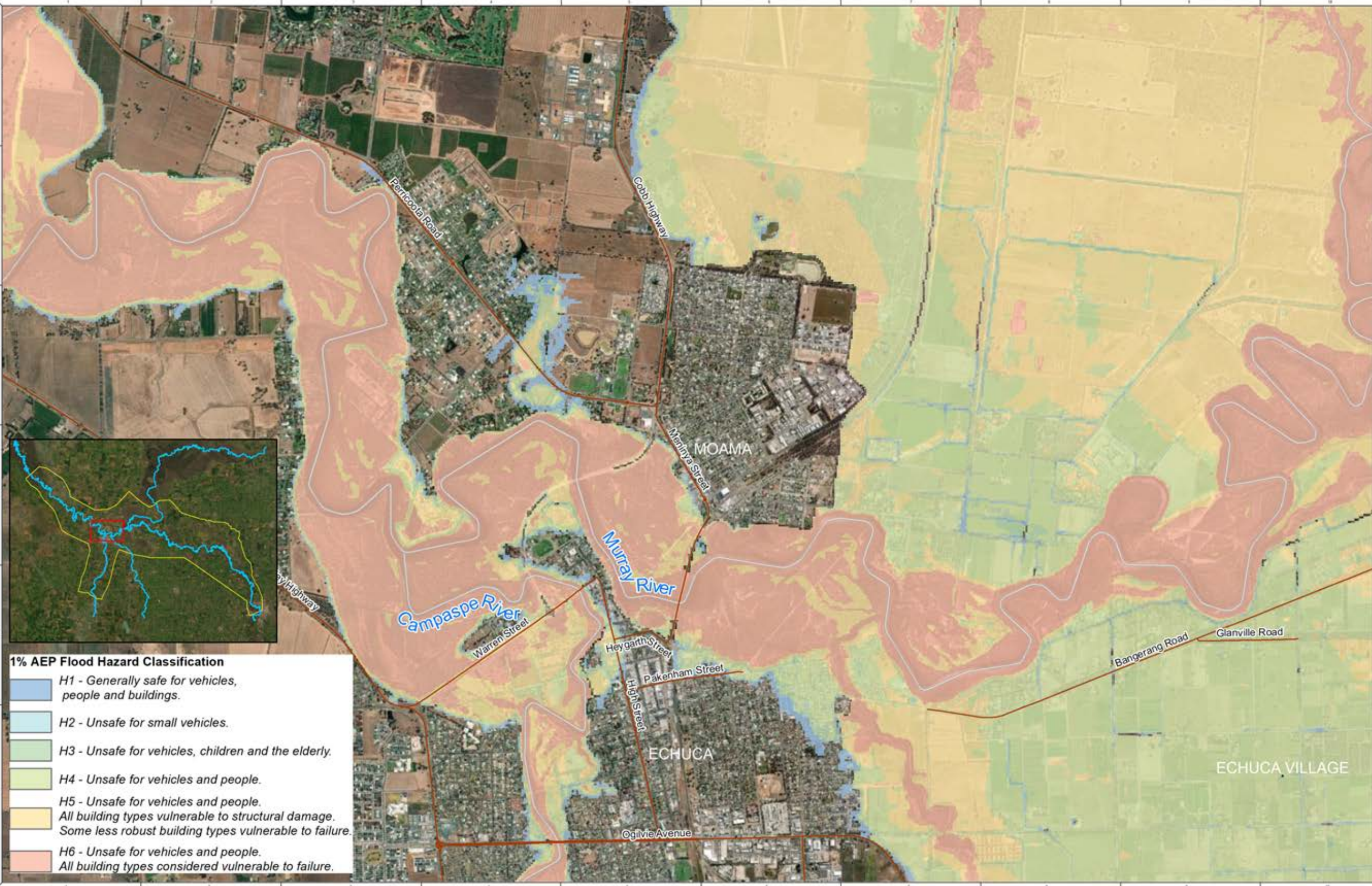
Roads	River	1% AEP Maximum VxD (m³/s)	0.25	0.75
Cadastral		0	0.5	1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 83 - 1% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 20/08/2024 SHEET: 14 DRAWING NUMBER: 14000000000000000000



- 1% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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LEGEND

- Roads
- River
- Cadastre



1:32,000 at A3

Map 64 - 1% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study

REFERENCES: 1. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018. 2. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018. 3. Campaspe Shire Council, Murray River Council, Water Technology Pty. Ltd., 2018.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum Flood Depth
Cadastre	0 - 0.1
River	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	> 1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

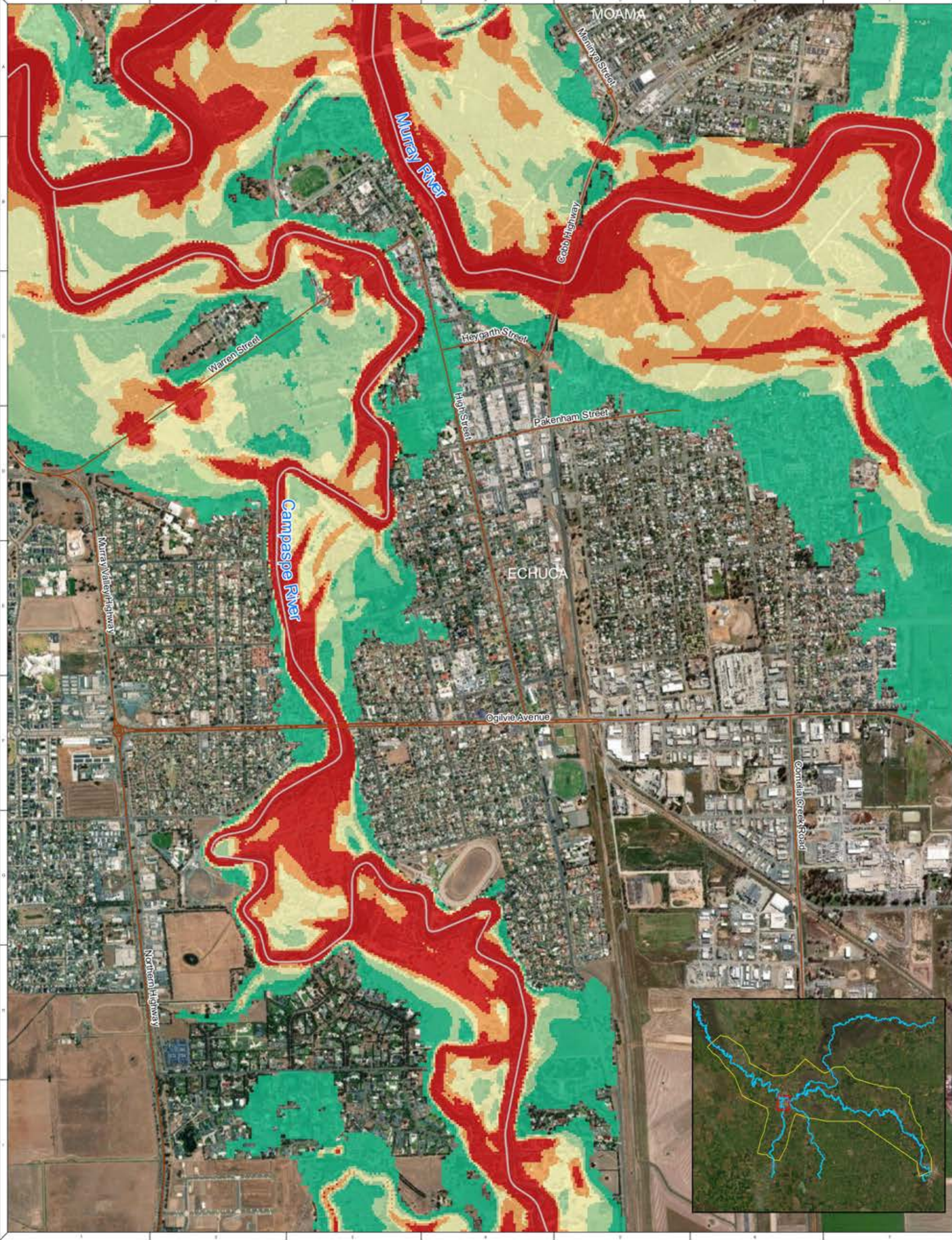
Map 85 - 1% AEP Flood Depth (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 10/01/2023

DRAWING NO: 85



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum VxD (m²/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

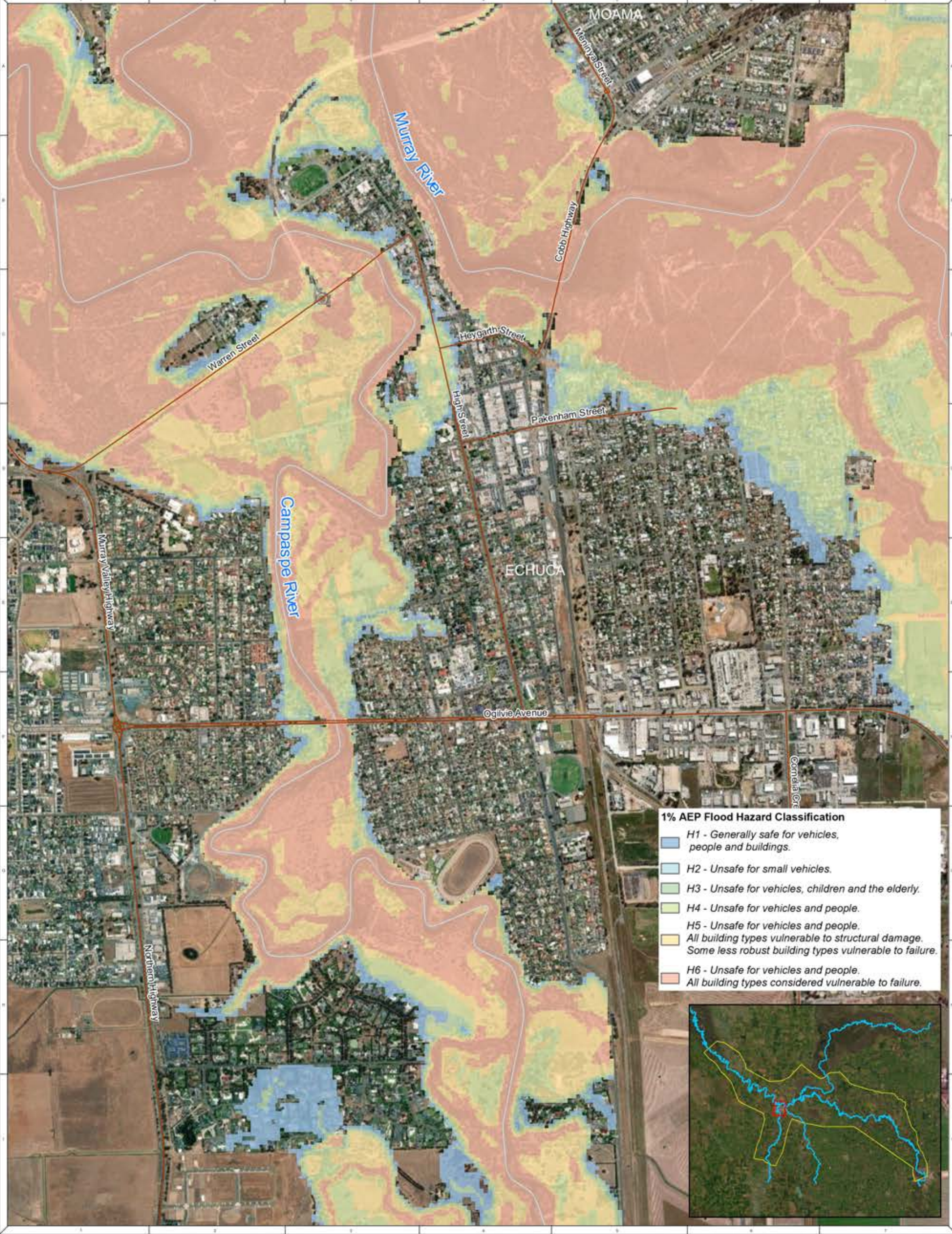
Map 87 - 1% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



1% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

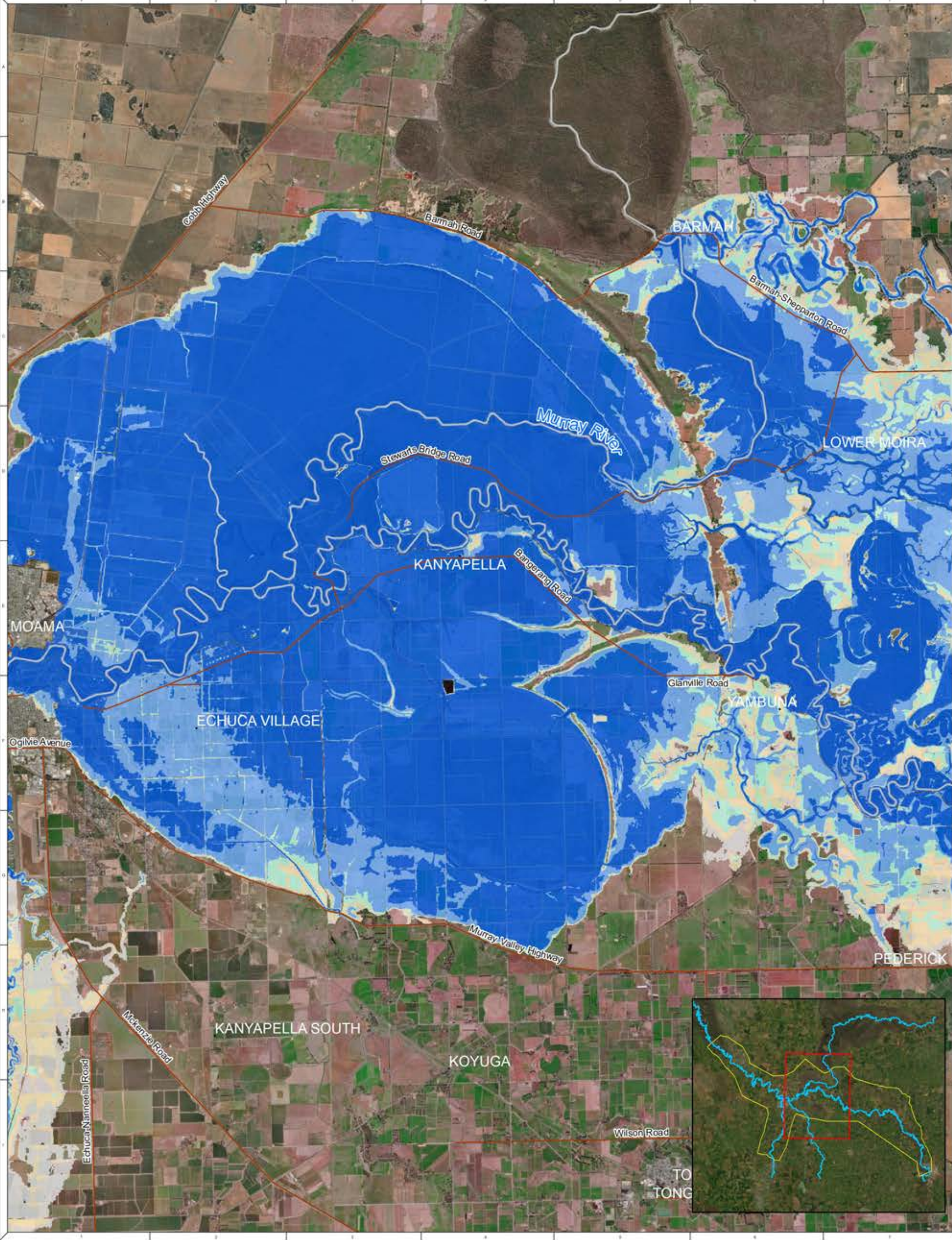
0 0.10 0.2 0.4 Kilometers

1:16,127 at A3

Map 88 - 1% AEP Flood Hazard (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/03/23



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum Flood Depth
Cadastral	0 - 0.1
River	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	>1.0m color swatch"/> > 1.0

Scale: 0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

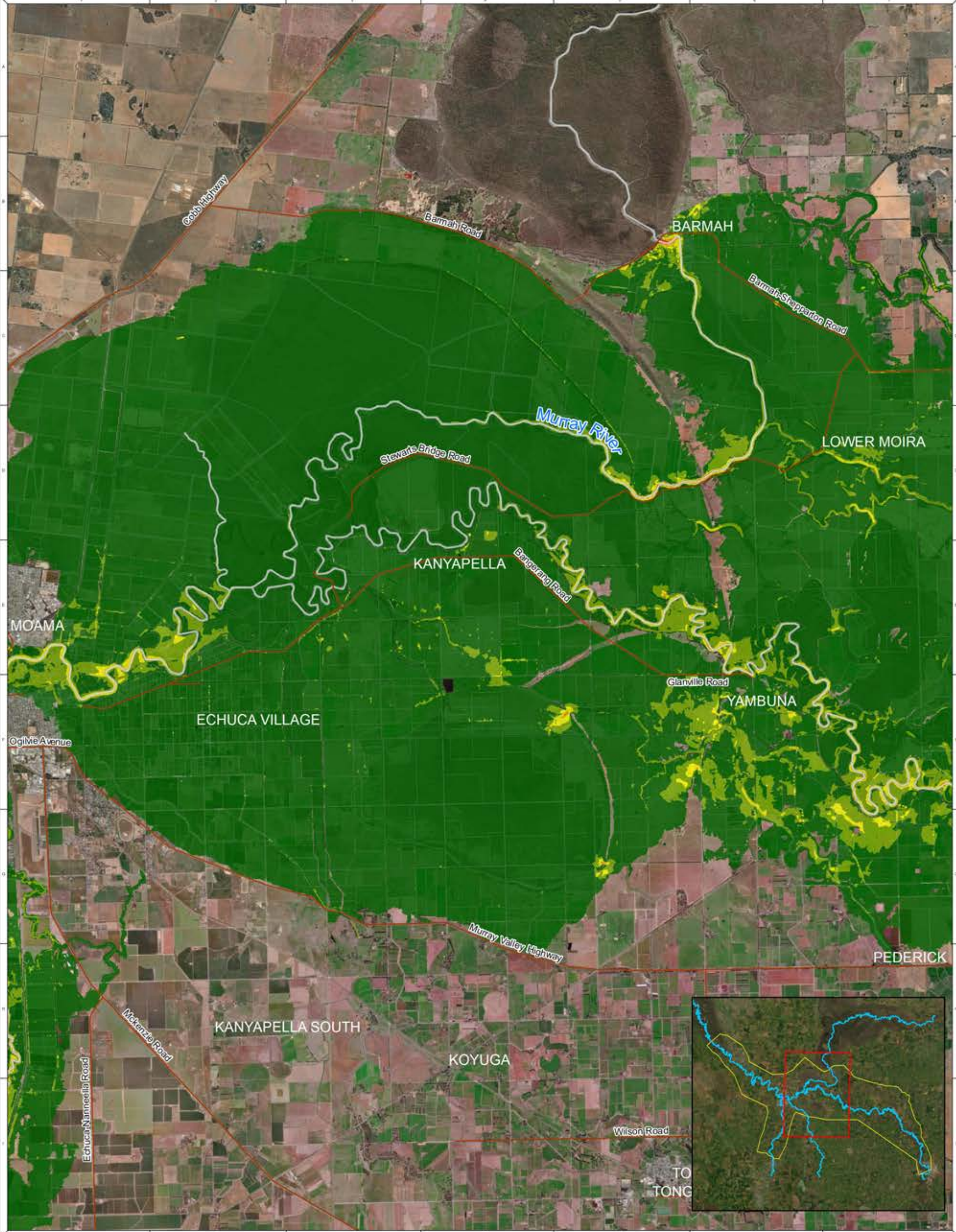
Map 89 - 1% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum Velocity	0.5 - 1.0
Cadastre	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

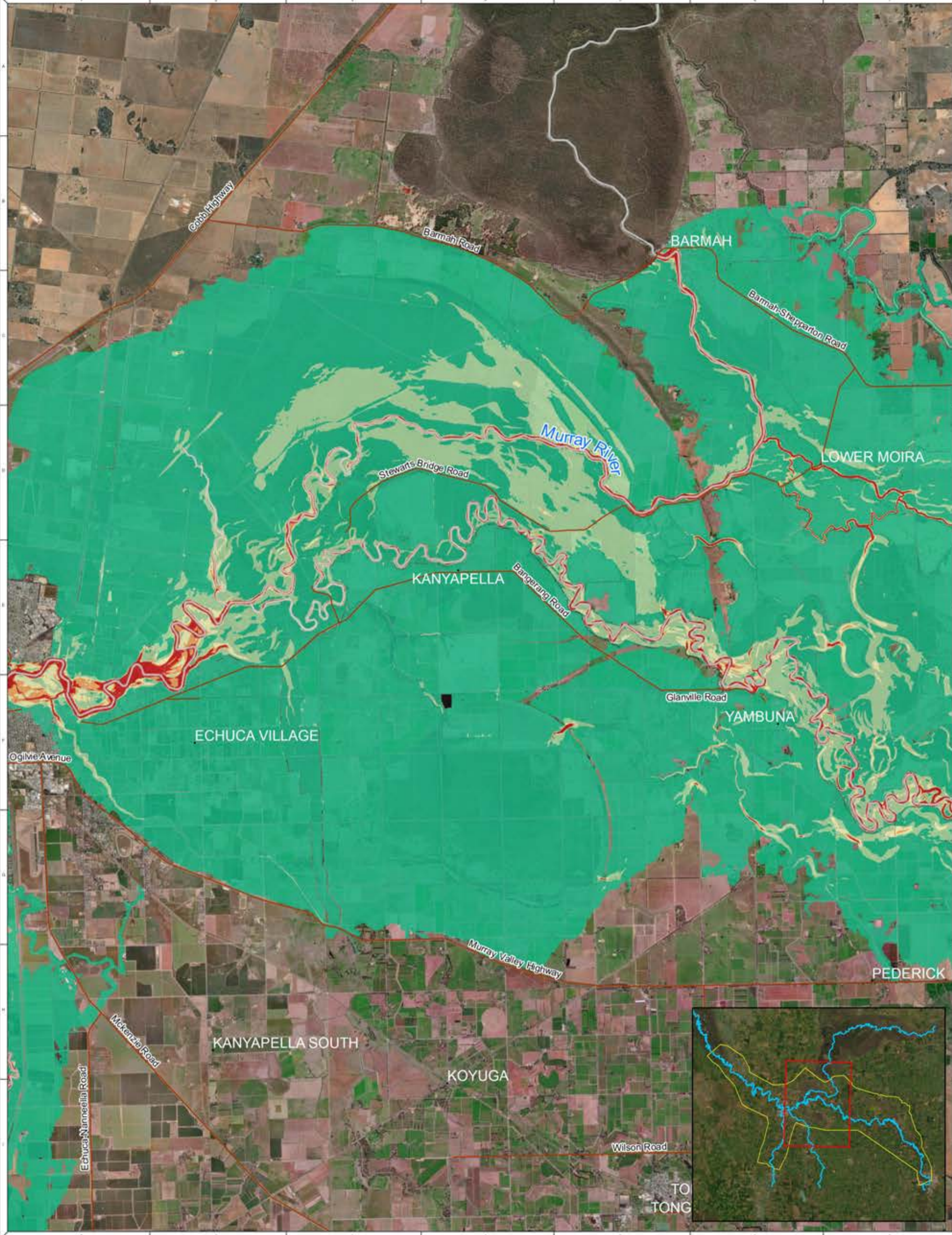
Map 90 - 1% AEP Flood Velocity (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

DRAWING NUMBER: 90



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2m.

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LEGEND

- Roads
- Cadastre
- River

1% AEP Maximum VxD

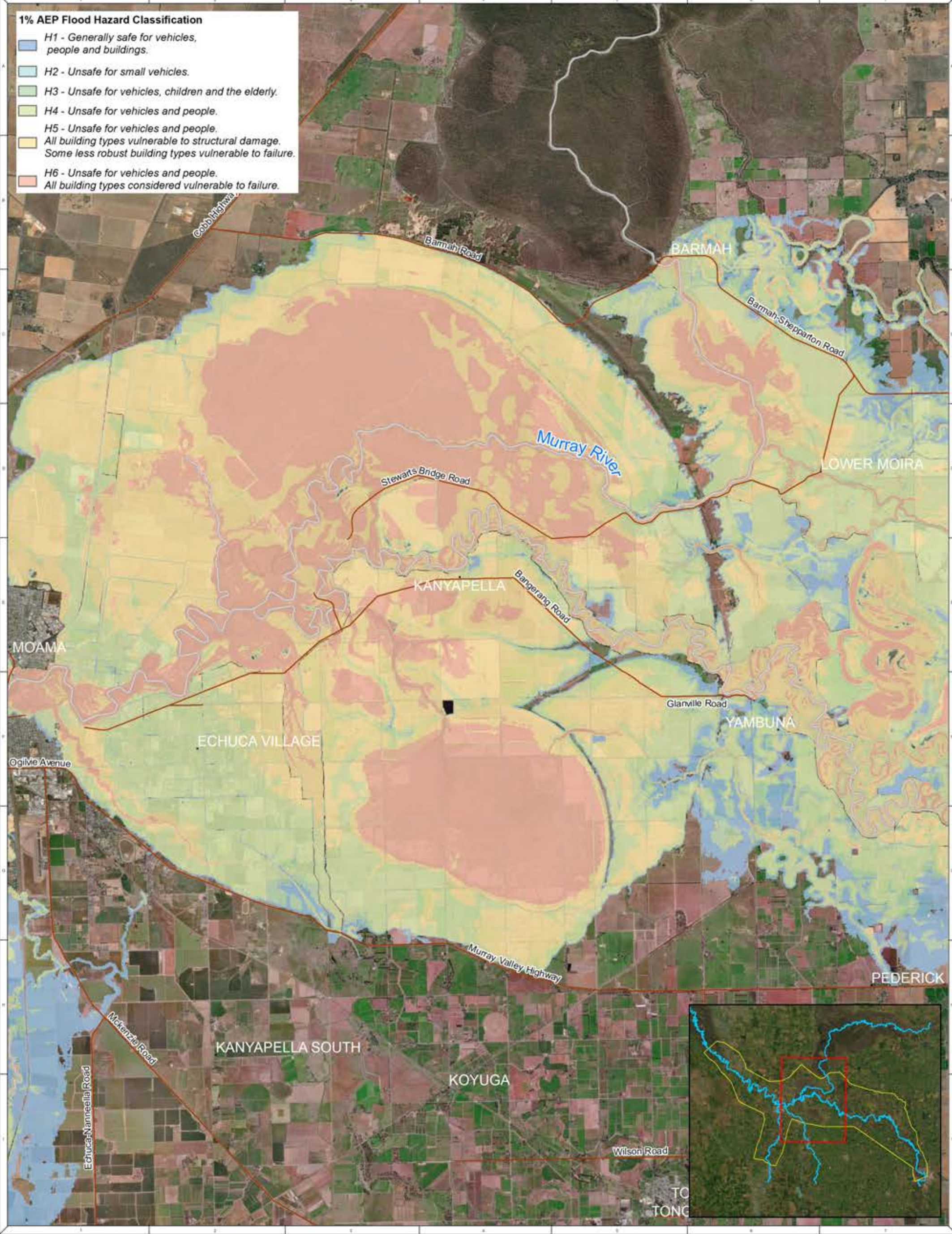
0	0.25	0.5	0.75	1.0
---	------	-----	------	-----

Scale: 1:92,933 at A3

Map 91 - 1% AEP Flood VxD (Kanyapella)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/08/2022

- 1% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people.
 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people.
 - All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 1 2 4 Kilometers

1:92,933 at A3

Map 92 - 1% AEP Flood Hazard (Kanyapella)

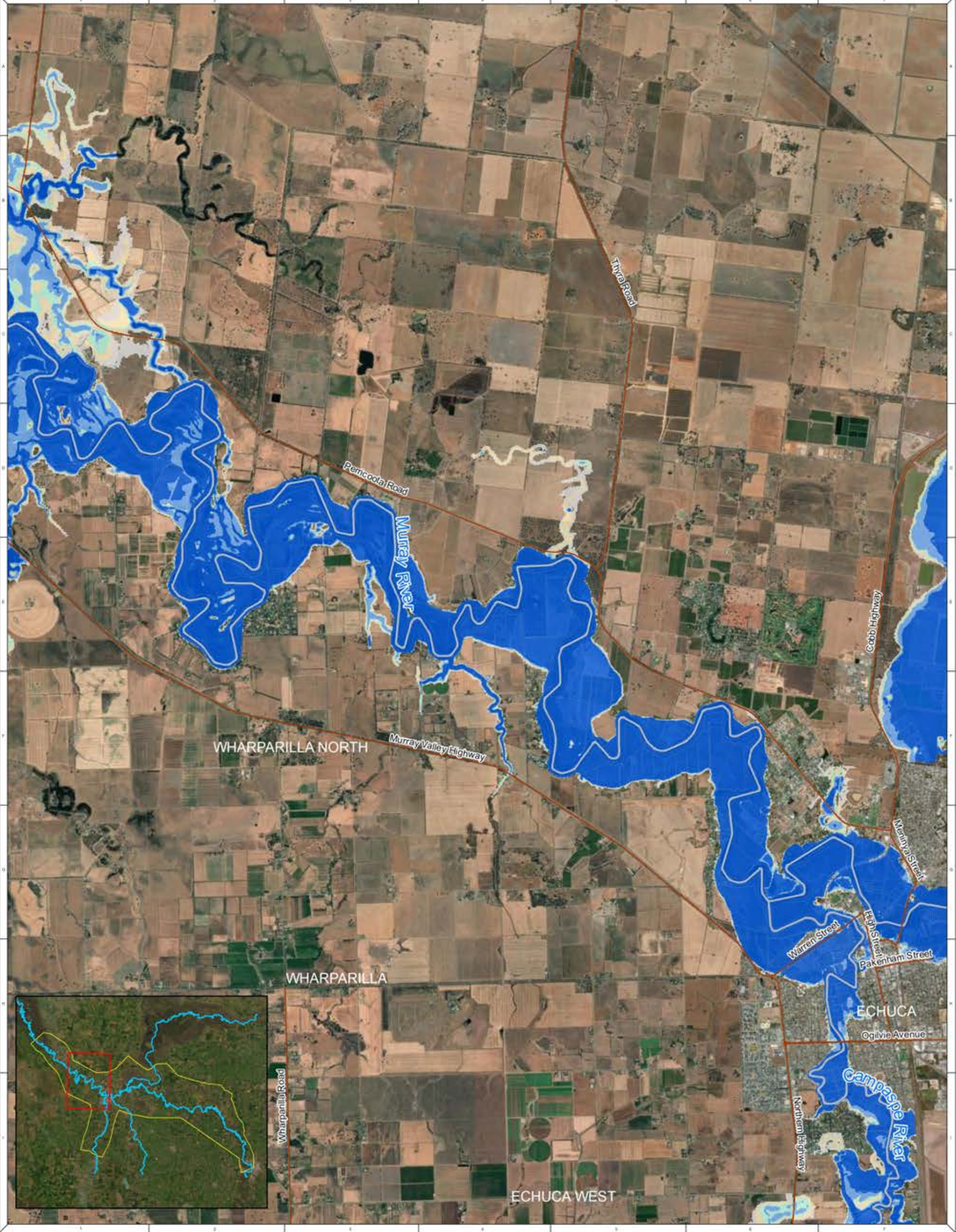
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE

BY

APPROVED BY



WHARPARILLA NORTH

WHARPARILLA

ECHUCA WEST

ECHUCA



LEGEND

Roads	1% AEP Maximum Flood Depth
Cadastral	0 - 0.1
River	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	>1.0m depth symbol"/> > 1.0

Map 93 - 1% AEP Flood Depth (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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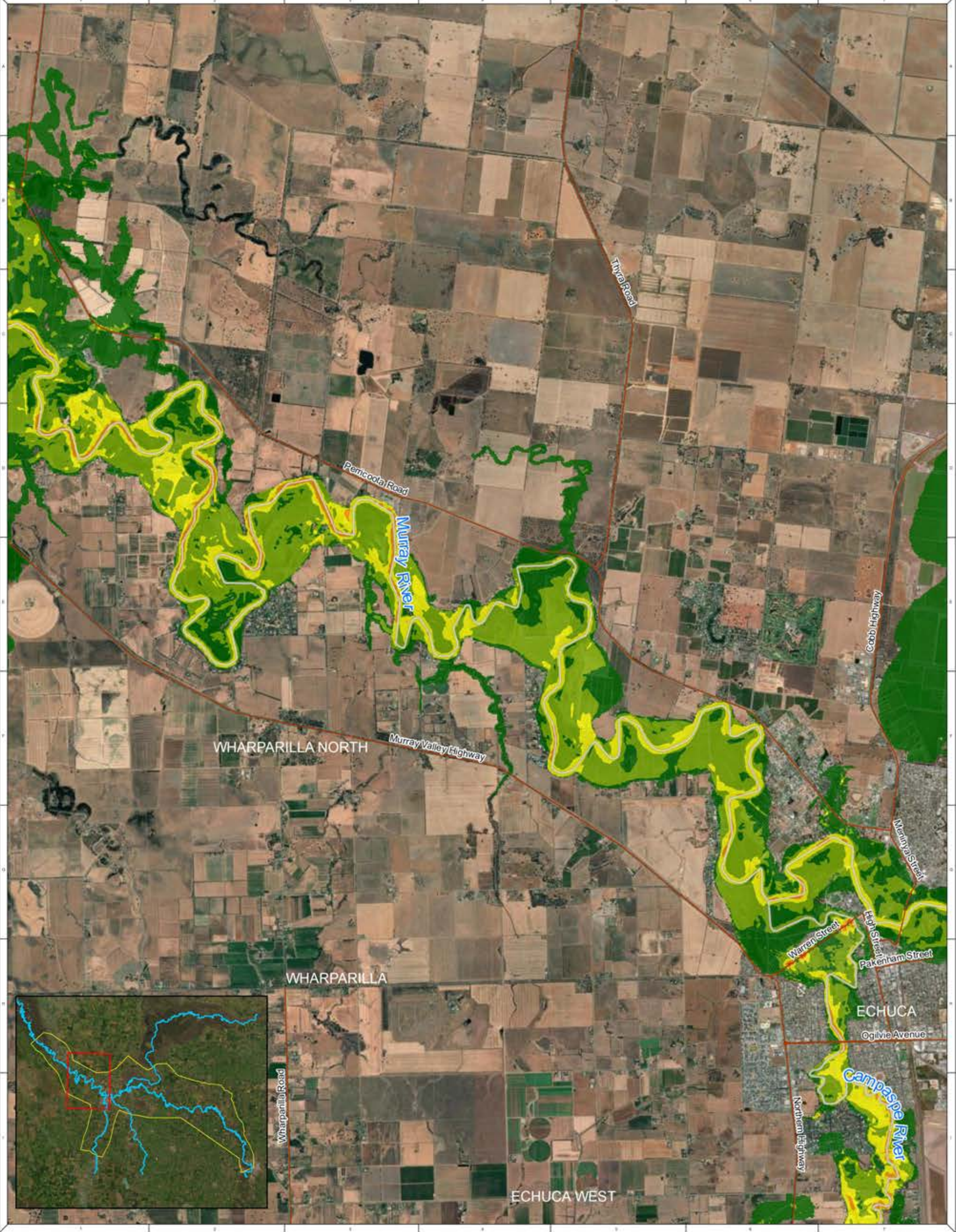
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Contents: Vicmap Information © State of Victoria 2020



1:61,000 at A3

REVISIONS	DATE	BY	REASON



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2 m.

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LEGEND

Roads	1% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

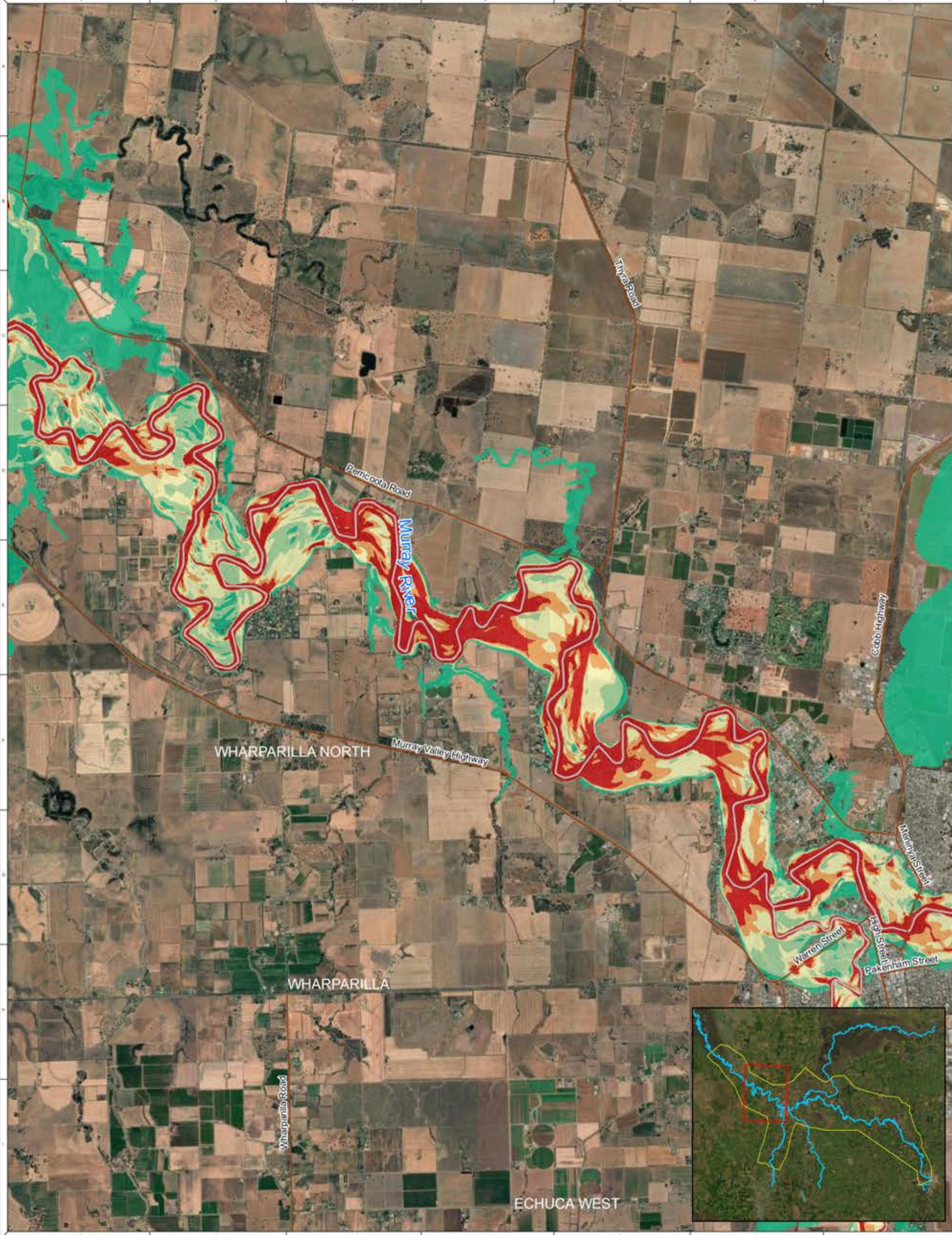
0 0.5 1 2 Kilometers

1:61,000 at A3

Map 94 - 1% AEP Flood Velocity (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE	NO	DESCRIPTION



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ±0.2m.

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LEGEND

- Roads
- Cadastre
- River

1% AEP Maximum VxD

0	0.25	0.5	0.75	1.0
---	------	-----	------	-----

0 0.25 0.5 0.75 1.0

1:61,000 at A3

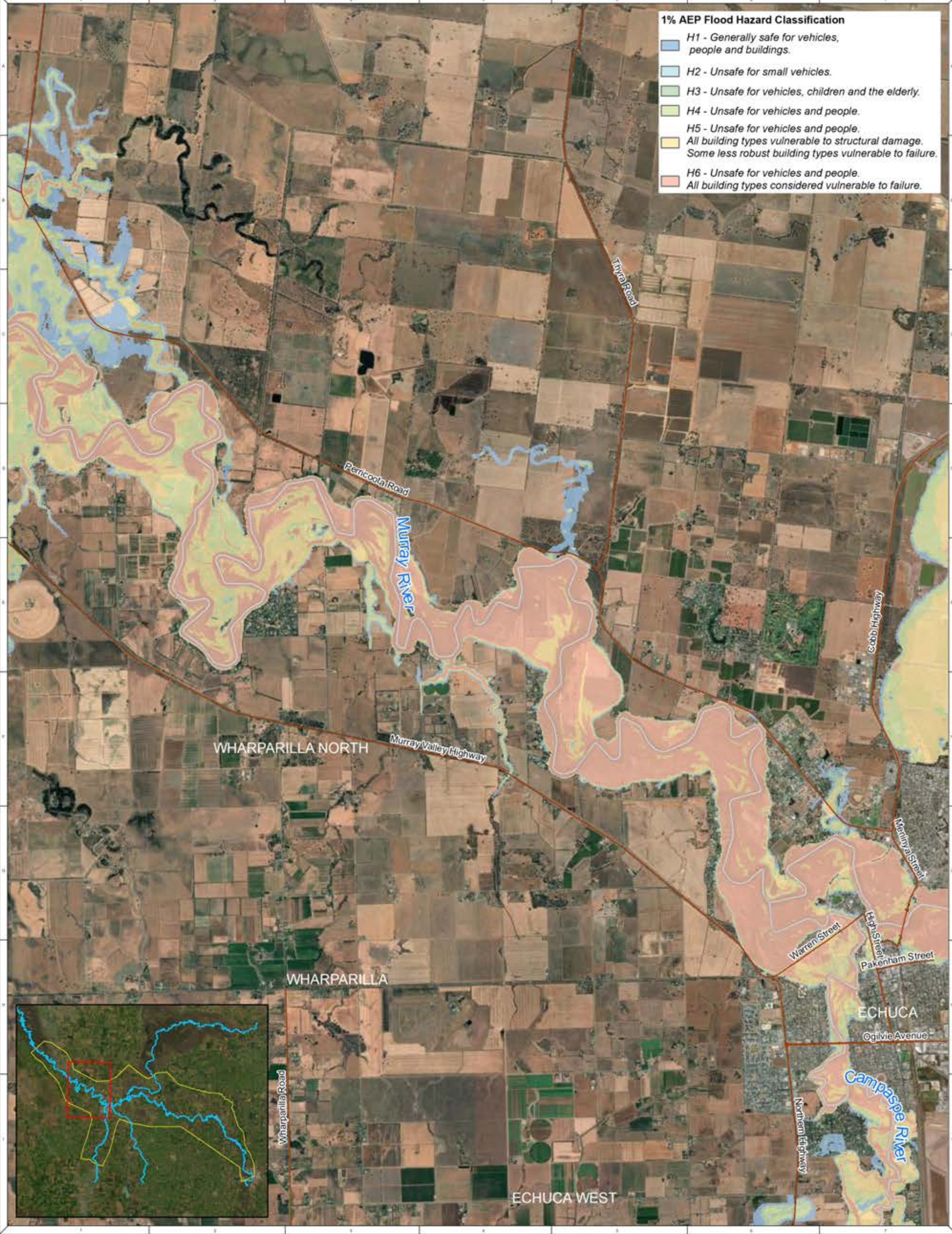
Map 95 - 1% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 11/08/2022

1% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

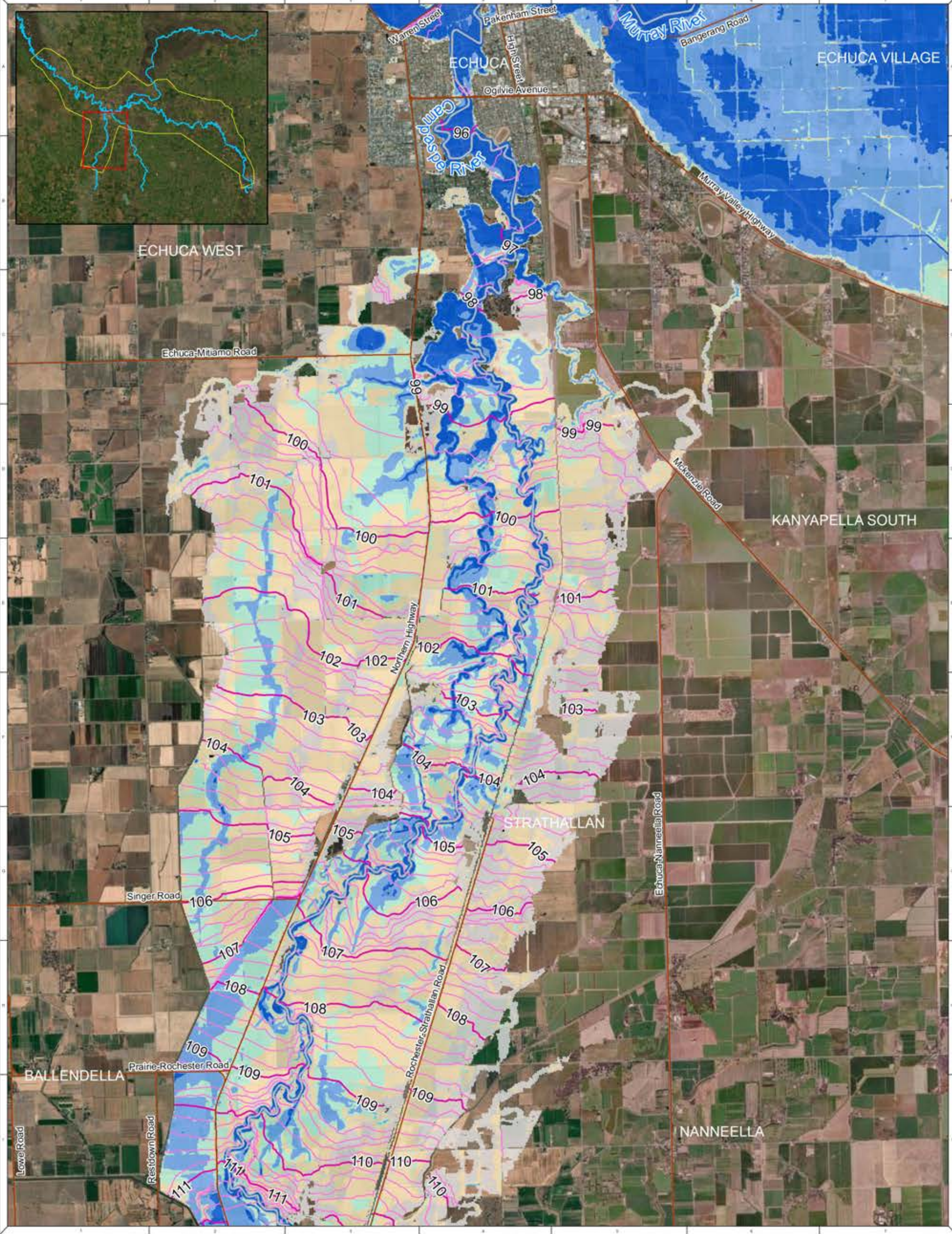
1:61,000 at A3

Map 96 - 1% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/03/23

PROJECT: 19000000



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

FOOTNOTES: Water Technology Pty Ltd has prepared this document in accordance with instruction of Campaspe Shire Council / Murray River Council for their specific use.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHd)
 - Major Contour
 - Minor Contour

1% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 97 - 1% AEP Flood Depth (Campaspe)

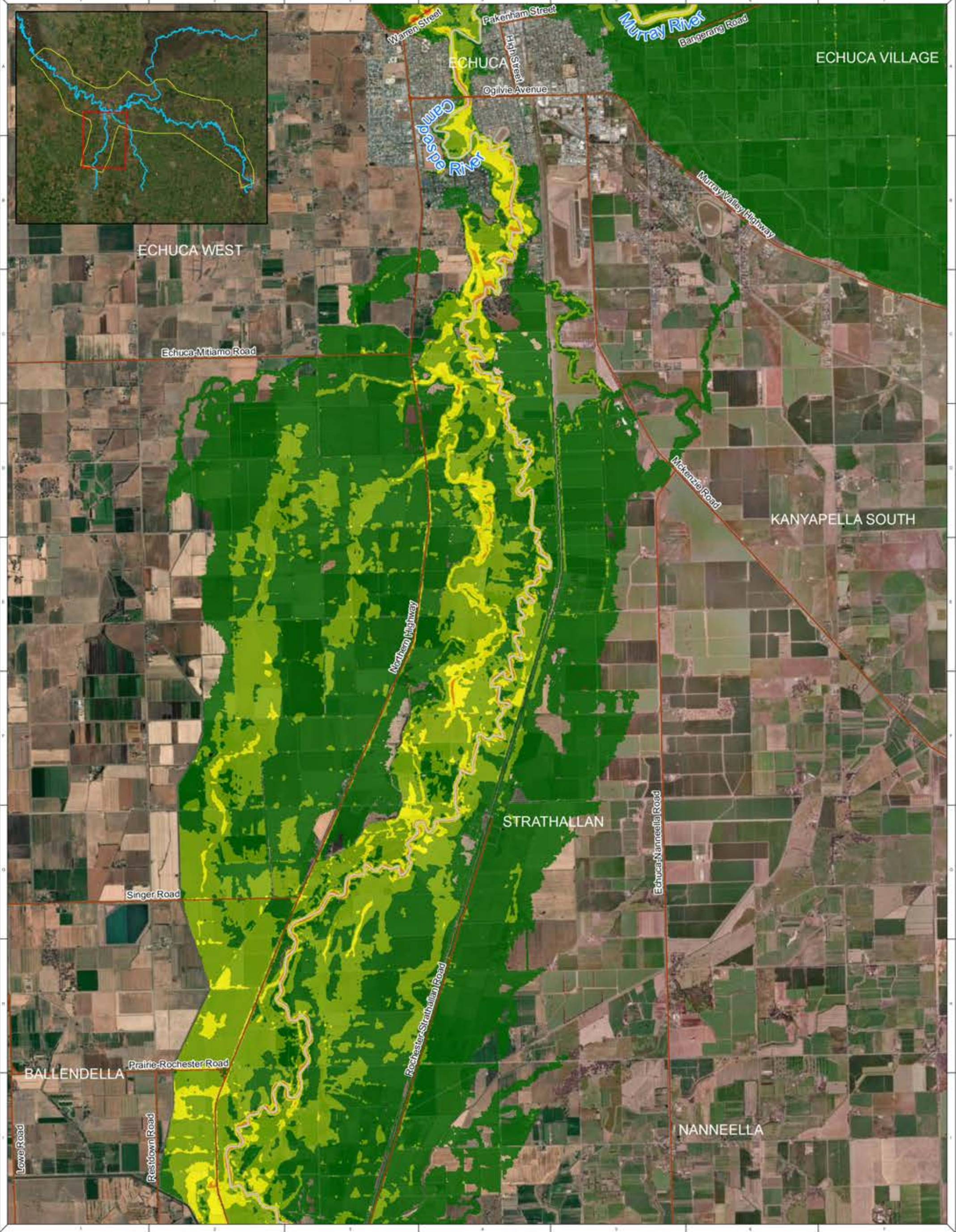
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DWT: [Blank]

DATE: [Blank]

PROJECT NO: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

Scale: 0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

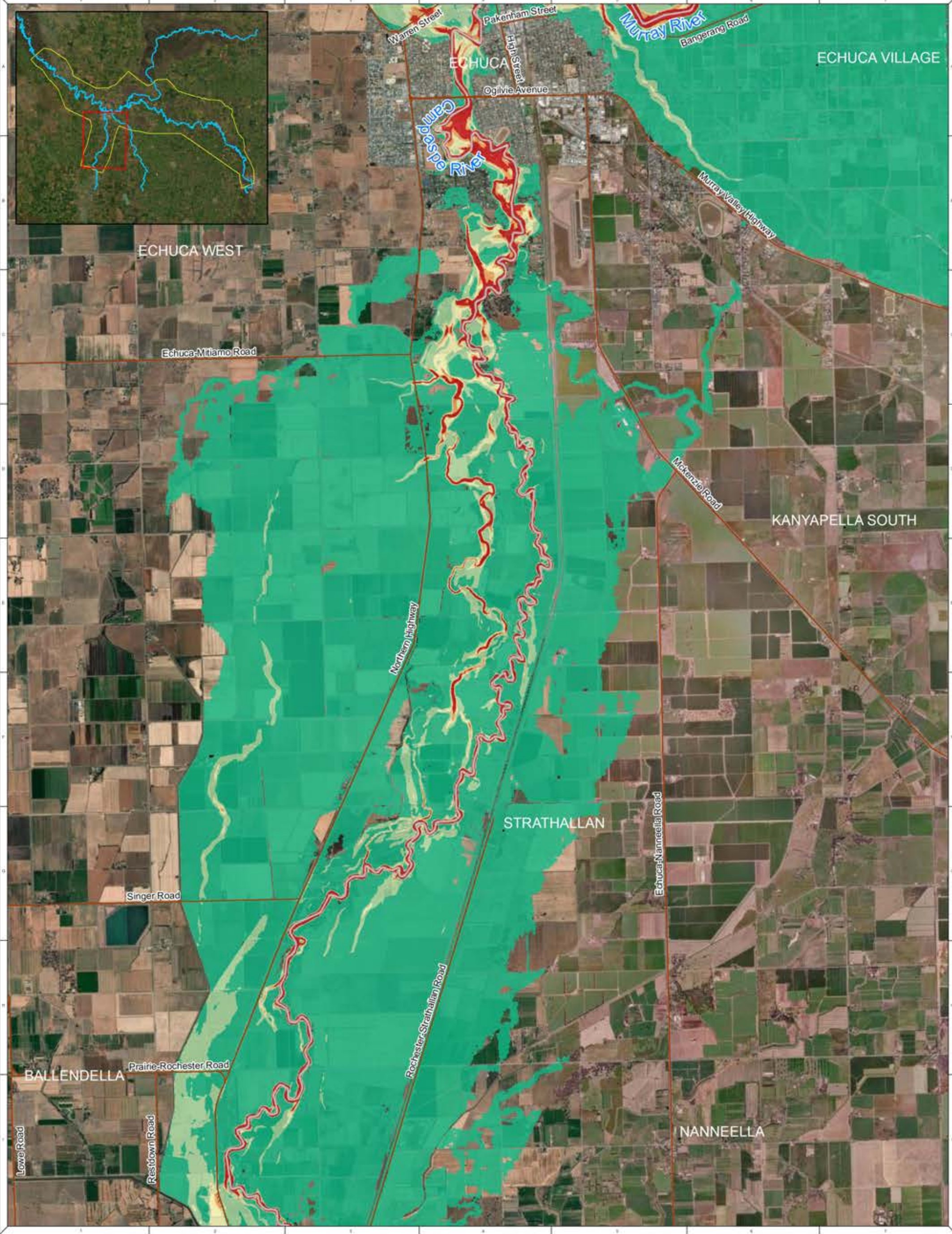
Map 98 - 1% AEP Flood Velocity (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	1% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

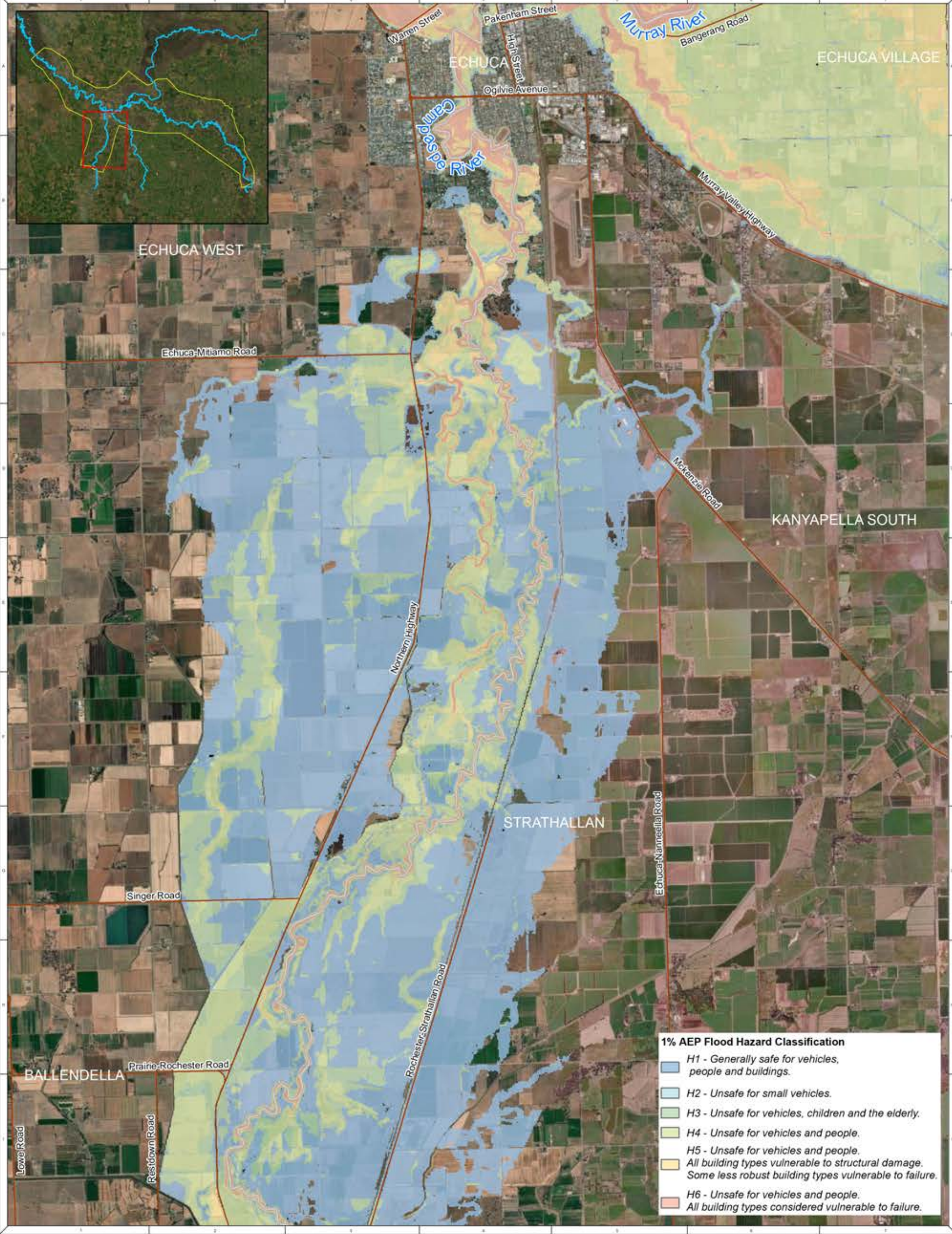
Map 99 - 1% AEP Flood VxD (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 100000000

CLIENT: MURRAY RIVER COUNCIL



1% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

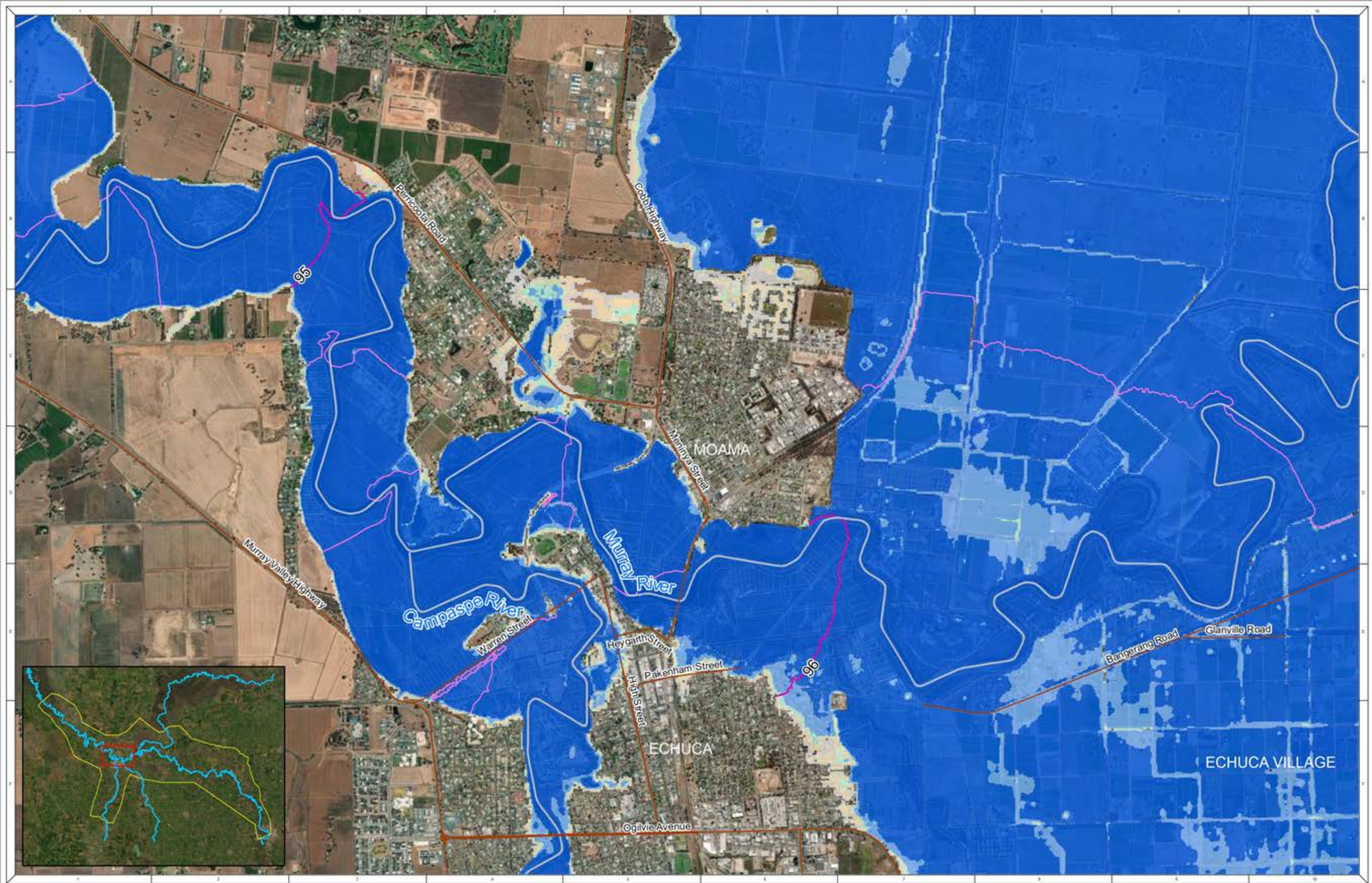
Map 100 - 1% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

DATE: 18/07/23

PROJECT: 100

SCALE: 1:61,500



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

bookmarks_Moama	River	Minor Contour	0.1 - 0.3	> 1.0
Roads	WSE Contour line (mAHD)	0.5% AEP Maximum Flood Depth (m)	0.3 - 0.5	
Cadastre	Major Contour	0 - 0.1	0.5 - 1.0	

0 0.25 0.5 1 Kilometers

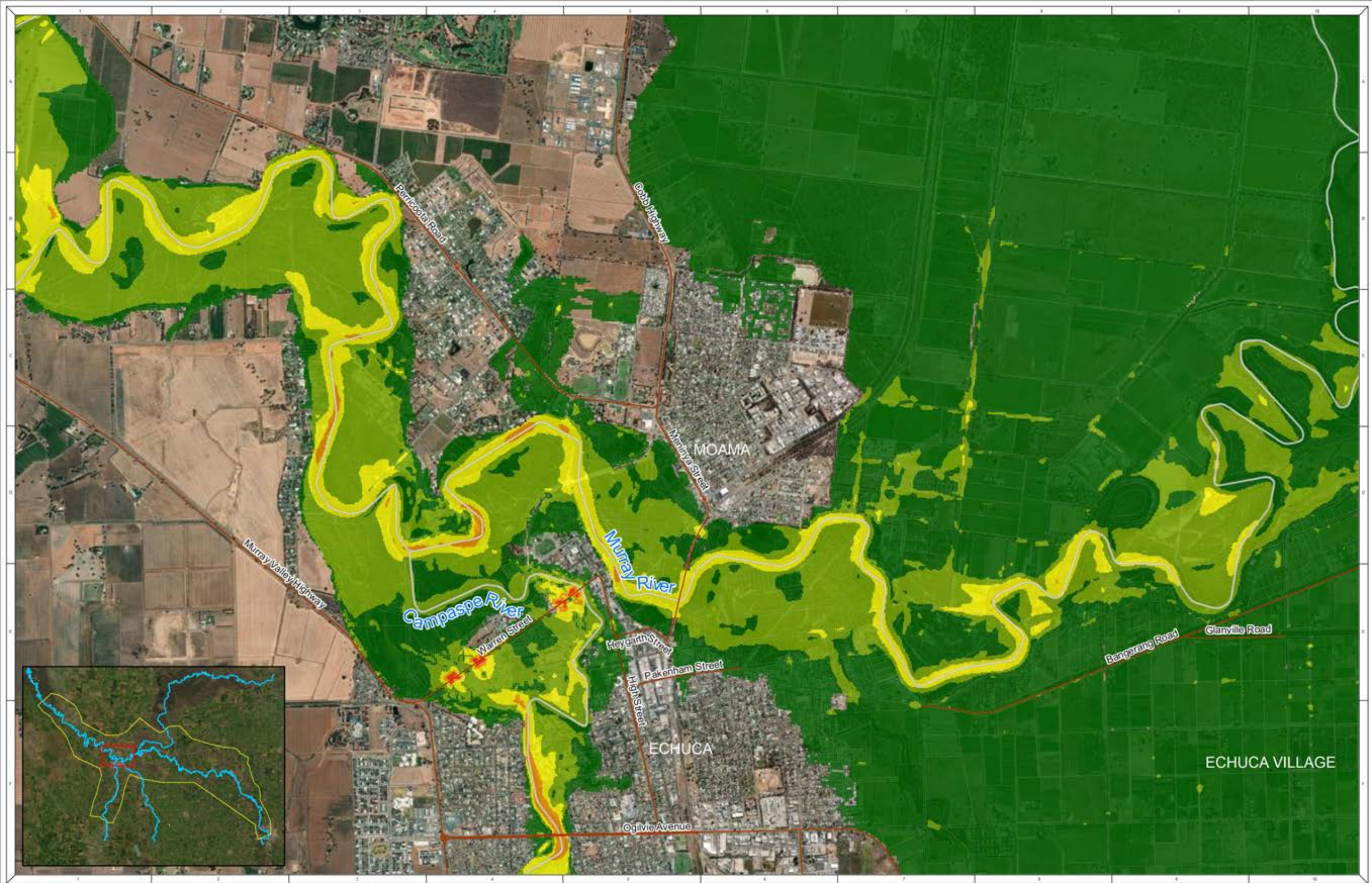
1:32,000 at A3





Map101 - 0.5% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023 SHEET: 04 DRAWING NUMBER: 1010104



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LEGEND

- bookmarks_Moama
- Roads
- Cadastre
- River
- 0.5% AEP Maximum Velocity (m/s)
 - 0 - 0.25
 - 0.25 - 0.5
 - 0.5 - 1.0
 - 1.0 - 2
 - > 2.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

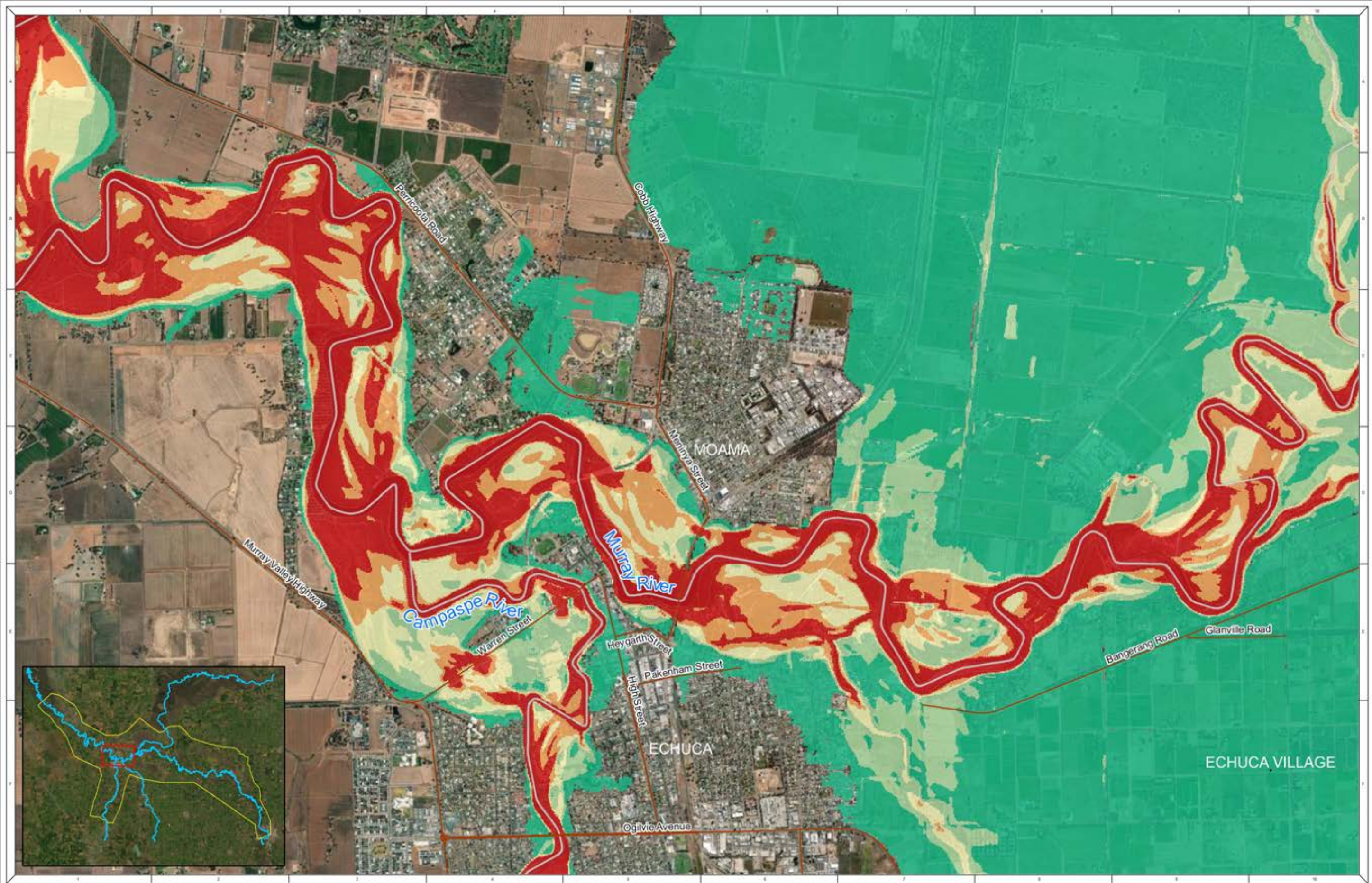
WATER TECHNOLOGY
WATER, SOILS, & ENVIRONMENTAL CONSULTANTS

murray river council

Campaspe Shire Council

Map102 - 0.5% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/08/2023 SHEET: 14 DRAWING NUMBER: 102-14



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Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

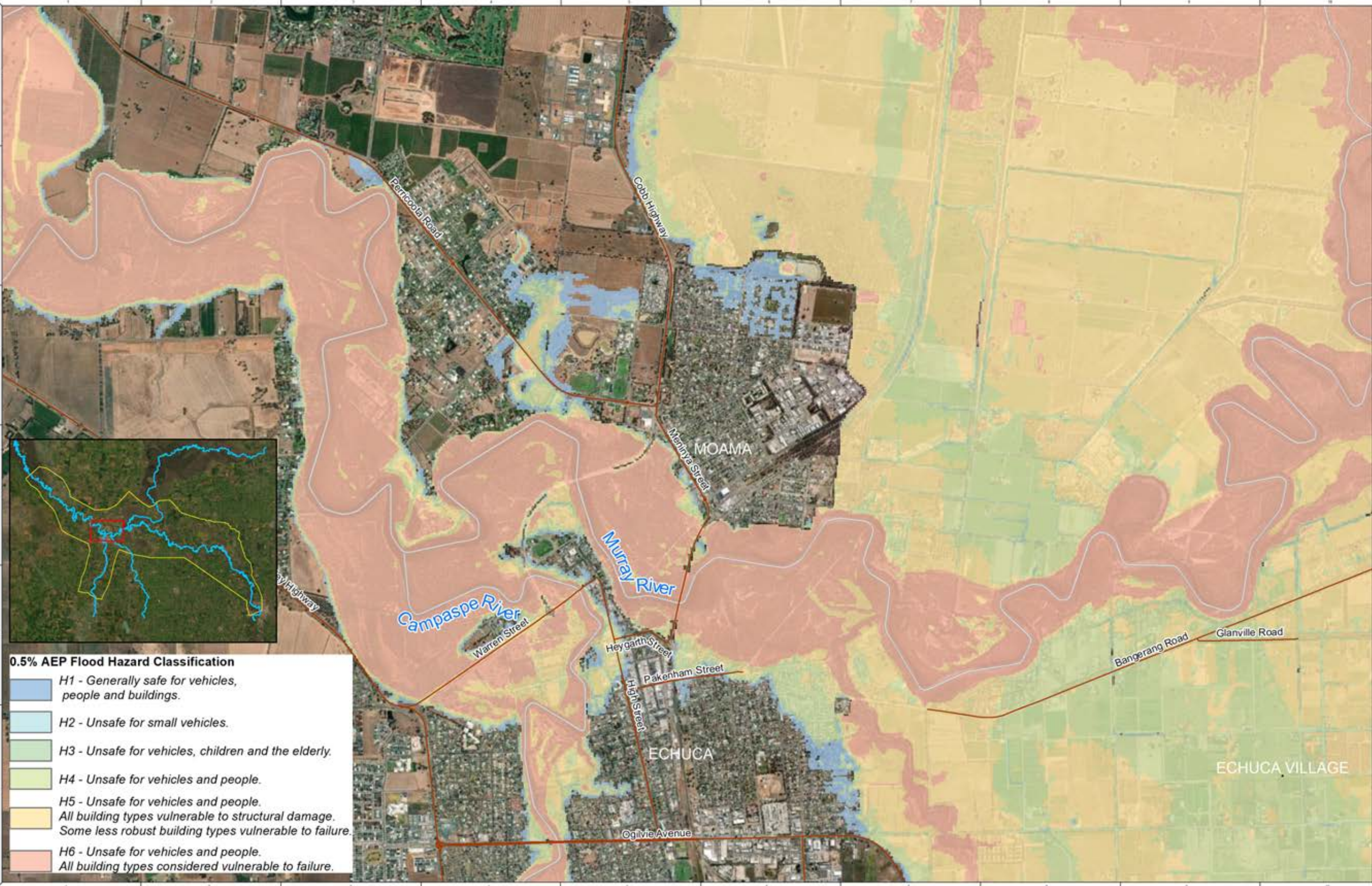
bookmarks_Moama	Cadastre	0.5% AEP Maximum VxD (m/s)	0.25	0.75
Roads	River	0	0.5	1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map103 - 0.5% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/08/2023 SHEET: 14 DRAWING NUMBER: 103-14



- 0.5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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LEGEND

— Roads — River

— Cadastre

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 104 - 0.5% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.5% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

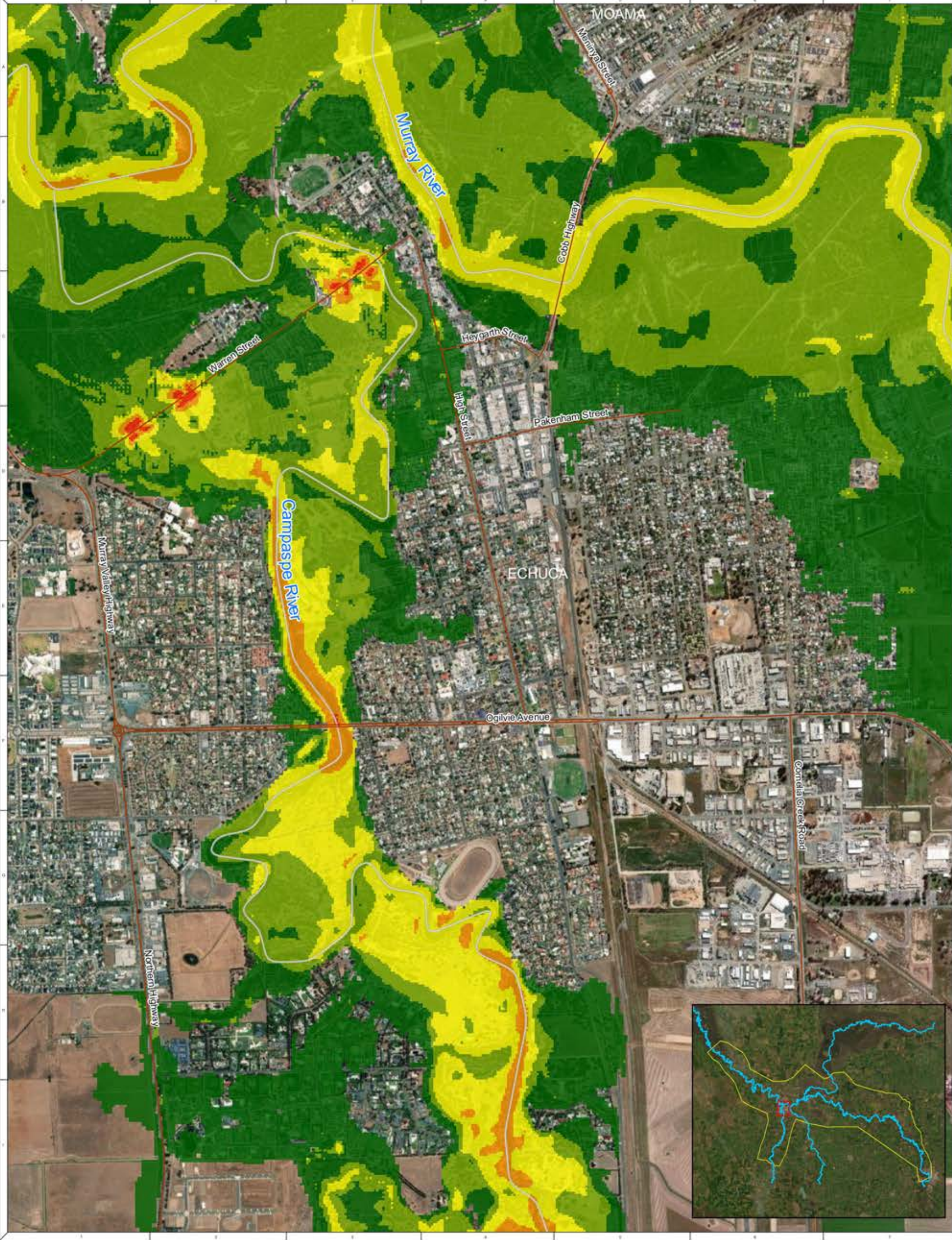
Map 105 - 0.5% AEP Flood Depth (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 105

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.5% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Water Quality & Environmental Laboratory

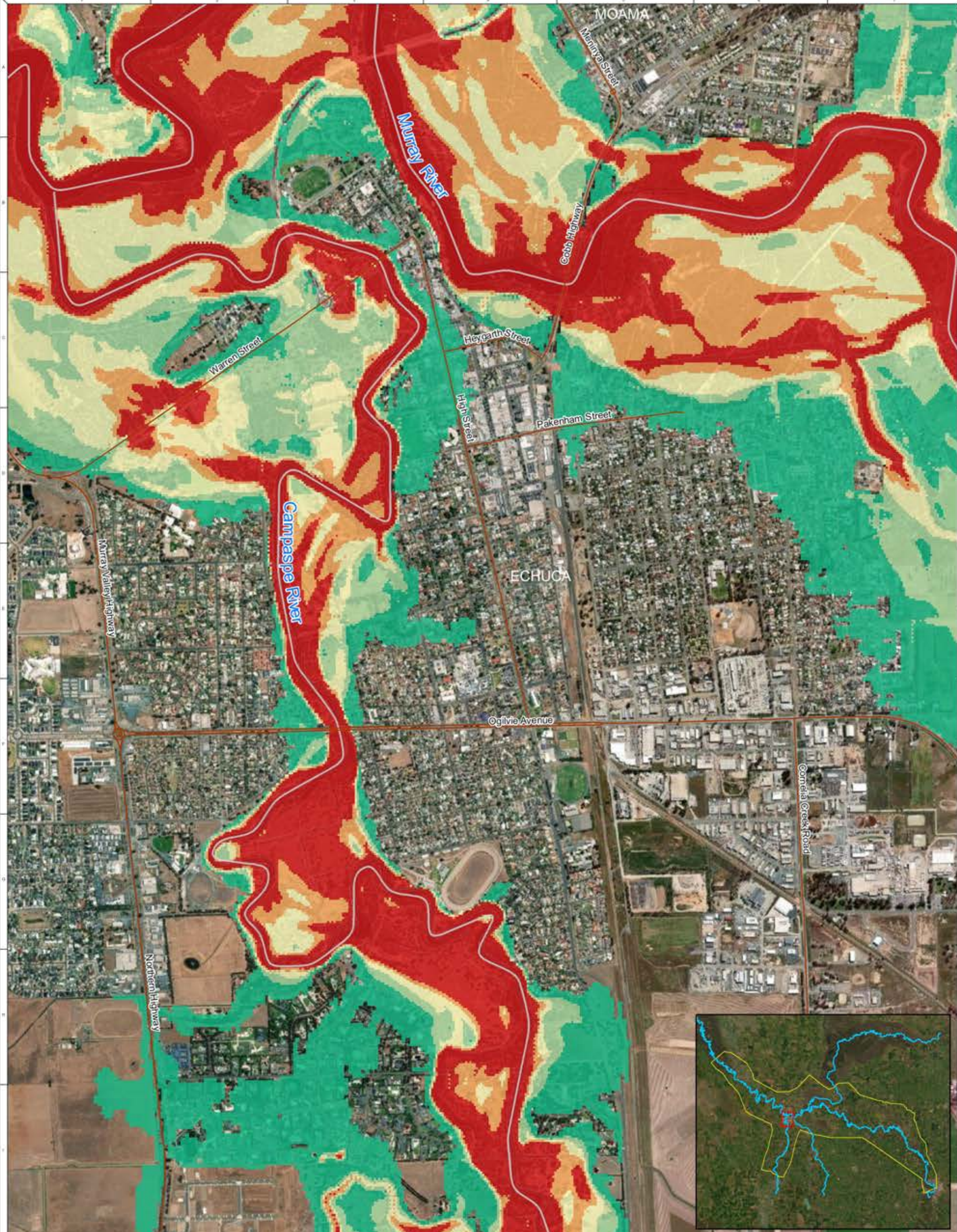
Map 106 - 0.5% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023

PROJECT: 202301

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.5% AEP Maximum VxD (m/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

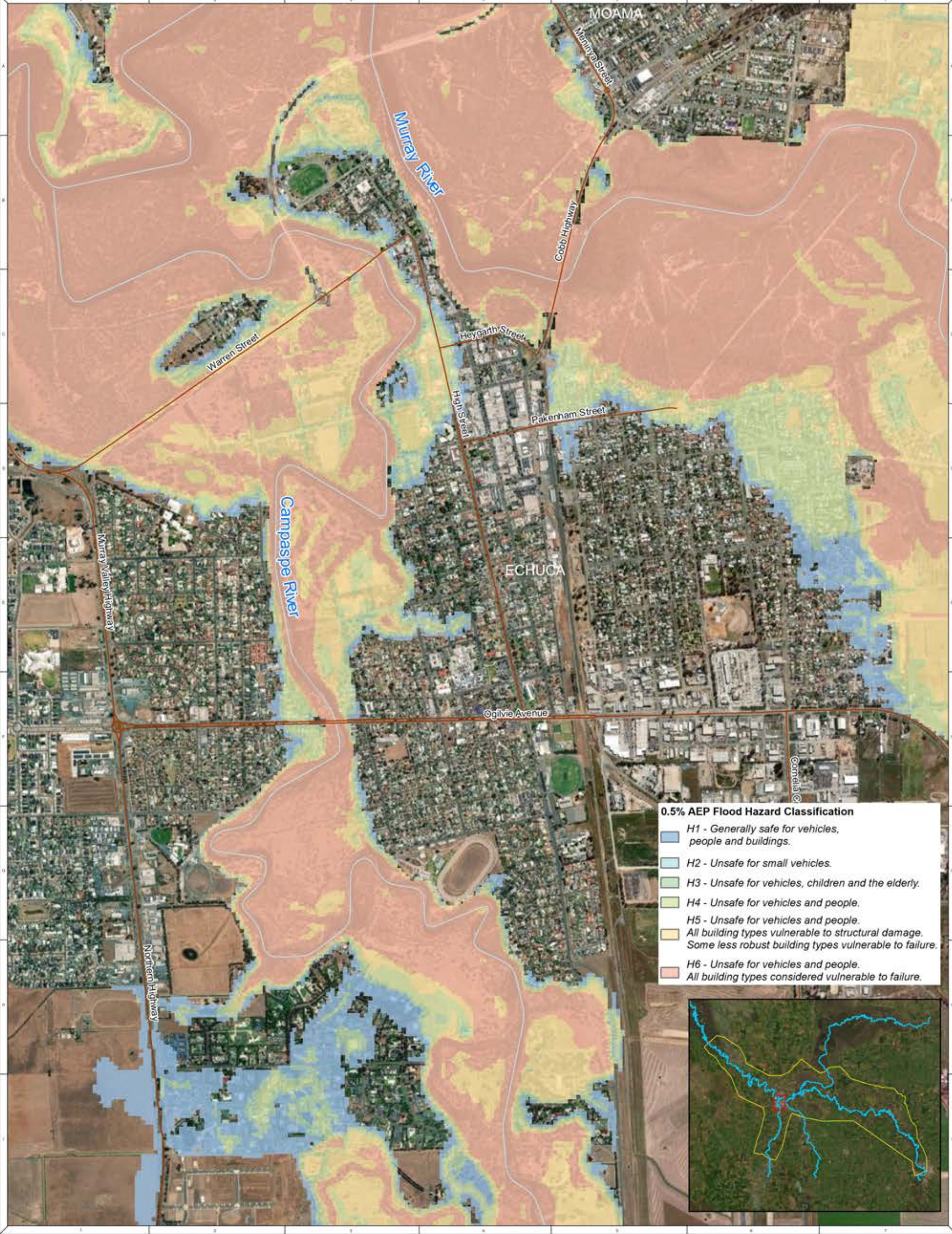
Map 107 - 0.5% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT: []



- 0.5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people.
 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people.
 - All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 108 - 0.5% AEP Flood Hazard (Echuca)

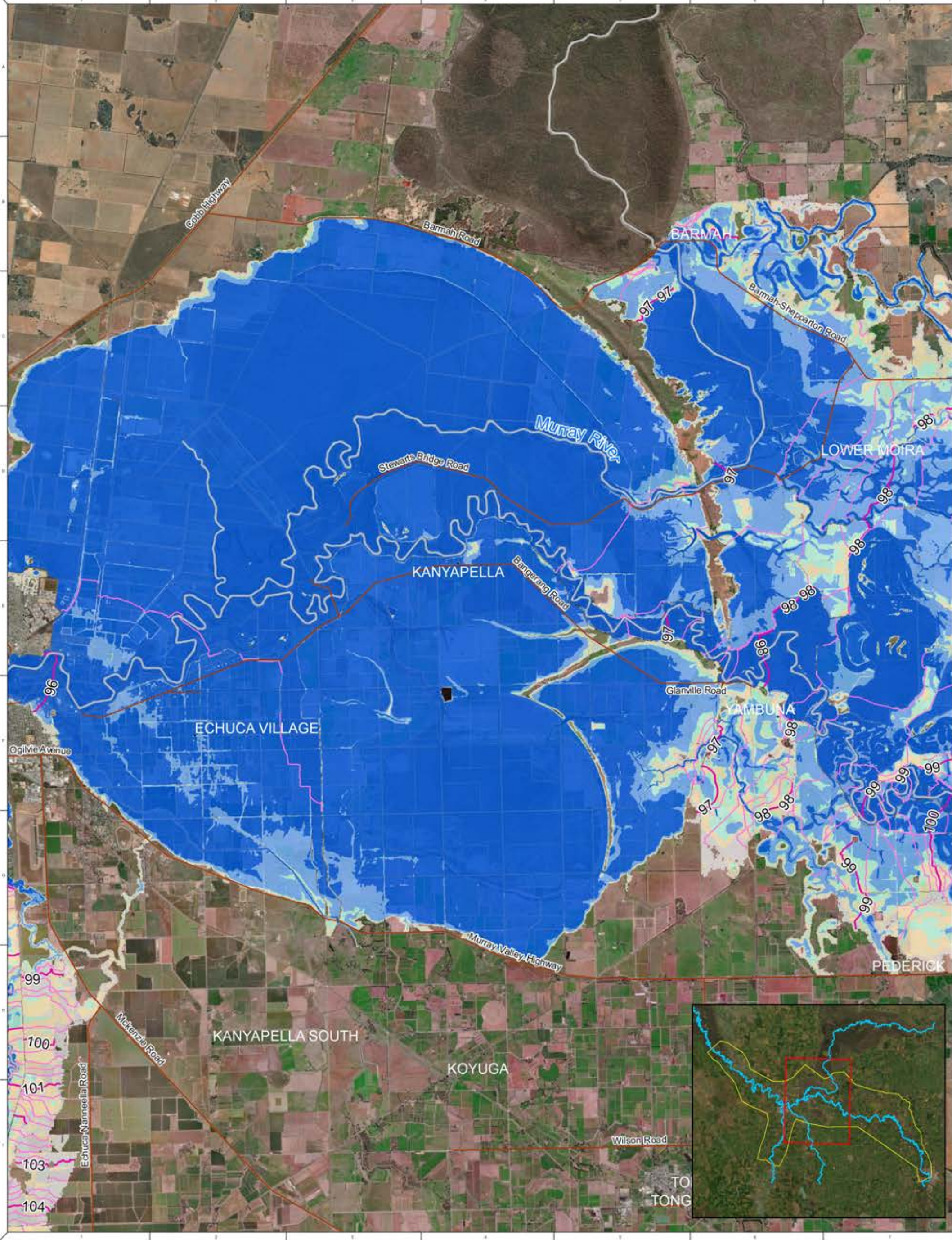
Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE

ISSUED BY

APPROVED BY



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.5% AEP Maximum Flood Depth

0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 1.0
> 1.0

Scale: 1:92,933 at A3

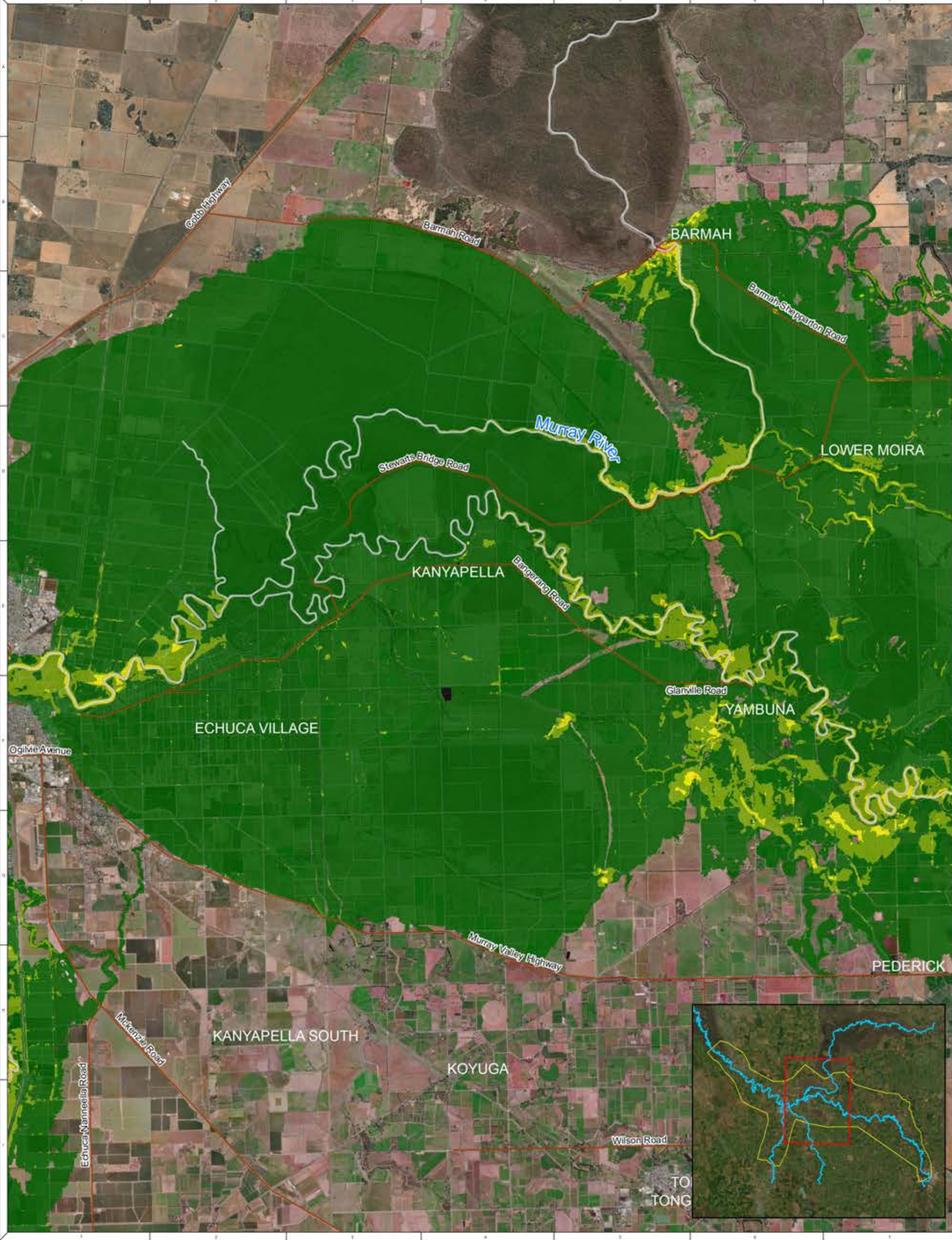
murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 109 - 0.5% AEP Flood Depth (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.5% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

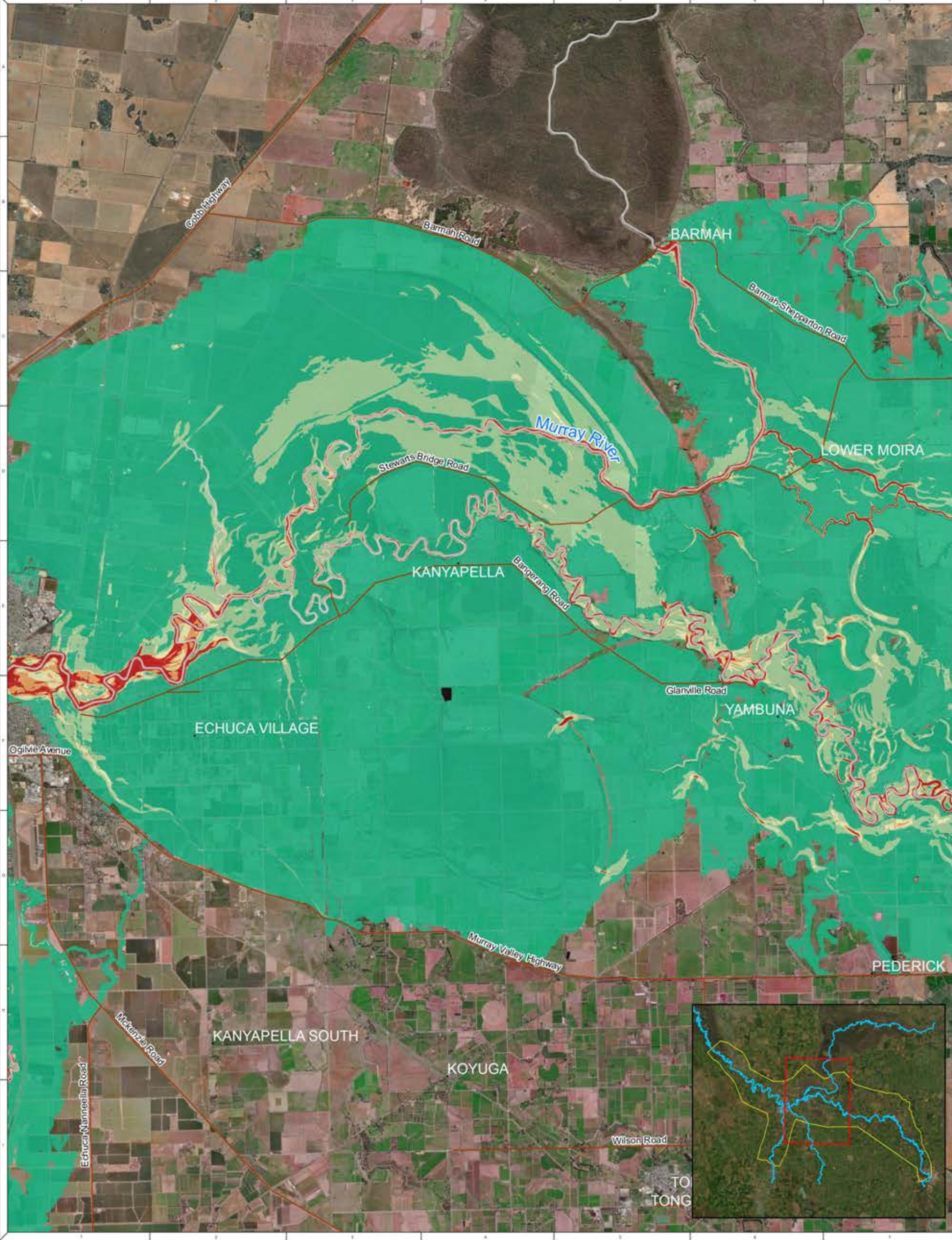
Map 110 - 0.5% AEP Flood Velocity (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

DRAWING NUMBER: 110



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.5% AEP Maximum VxD (m/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map 111 - 0.5% AEP Flood VxD (Kanyapella)

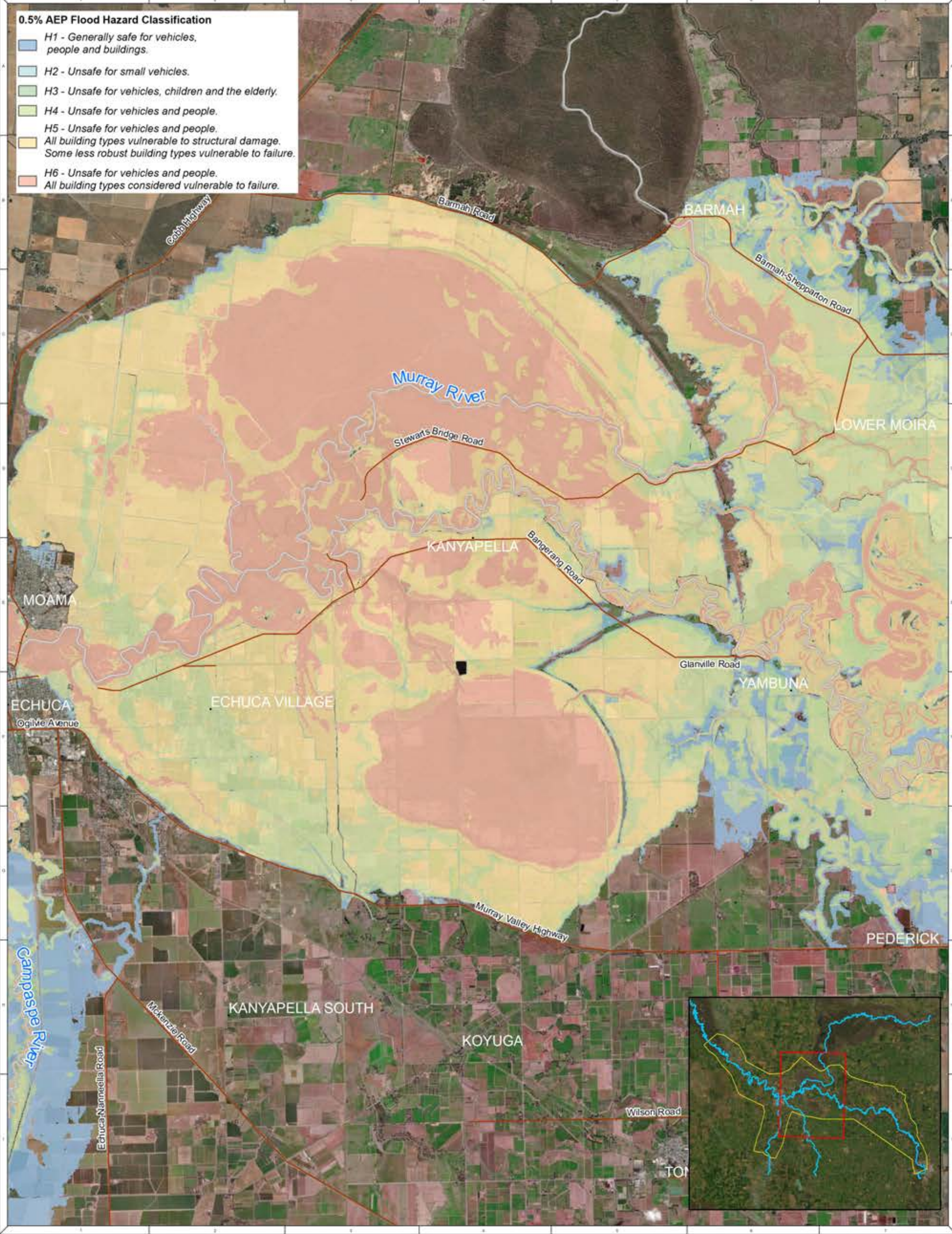
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 202201

DRAWING NO: 111

- 0.5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people.
 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people.
 - All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 1 2 Kilometers

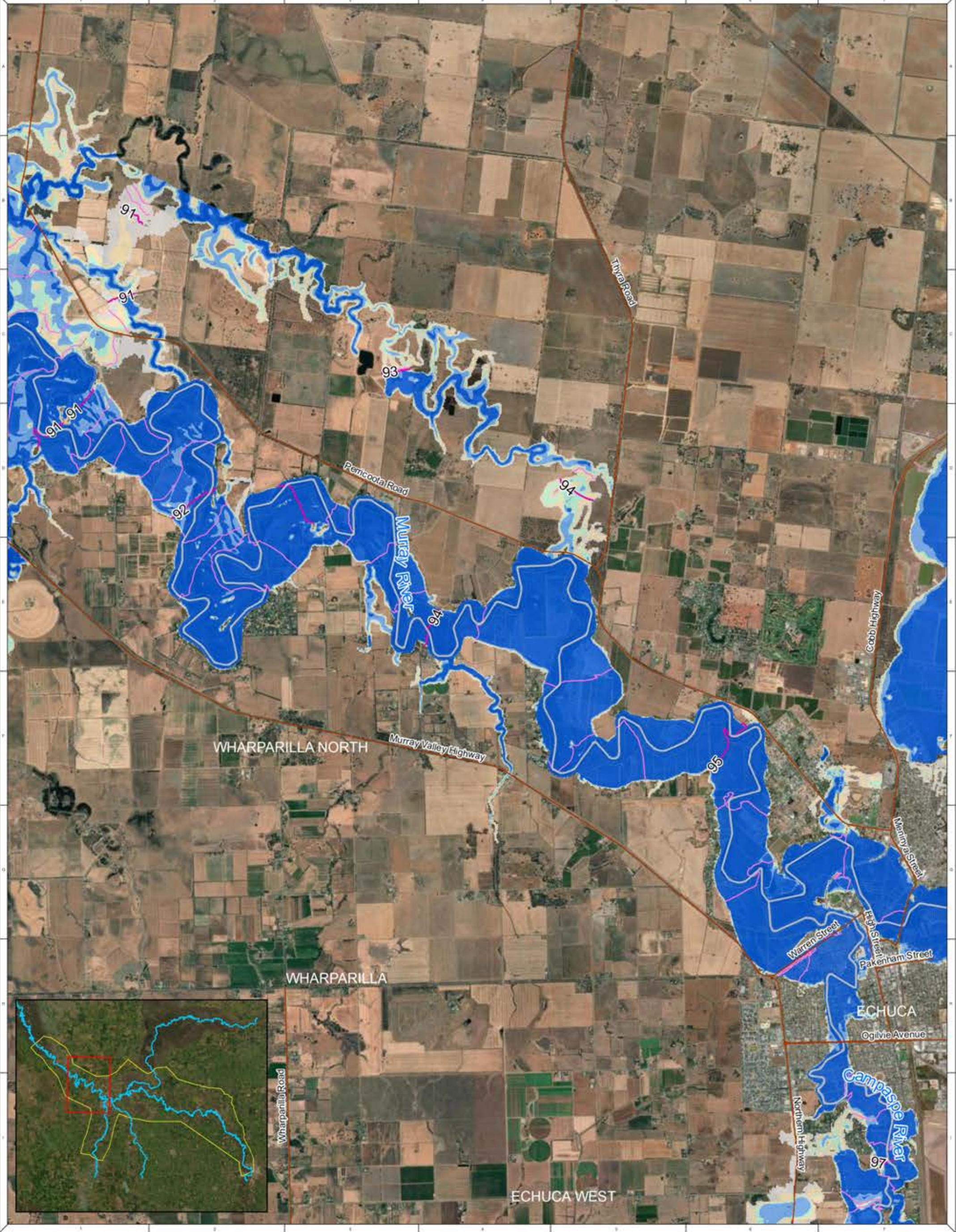
1:92,933 at A3

Map 112 - 0.5% AEP Flood Hazard (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

REVISIONS

DATE	DESCRIPTION	BY



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- Major Contour
- Minor Contour

0.5% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

WSE Contour line (mAHD)

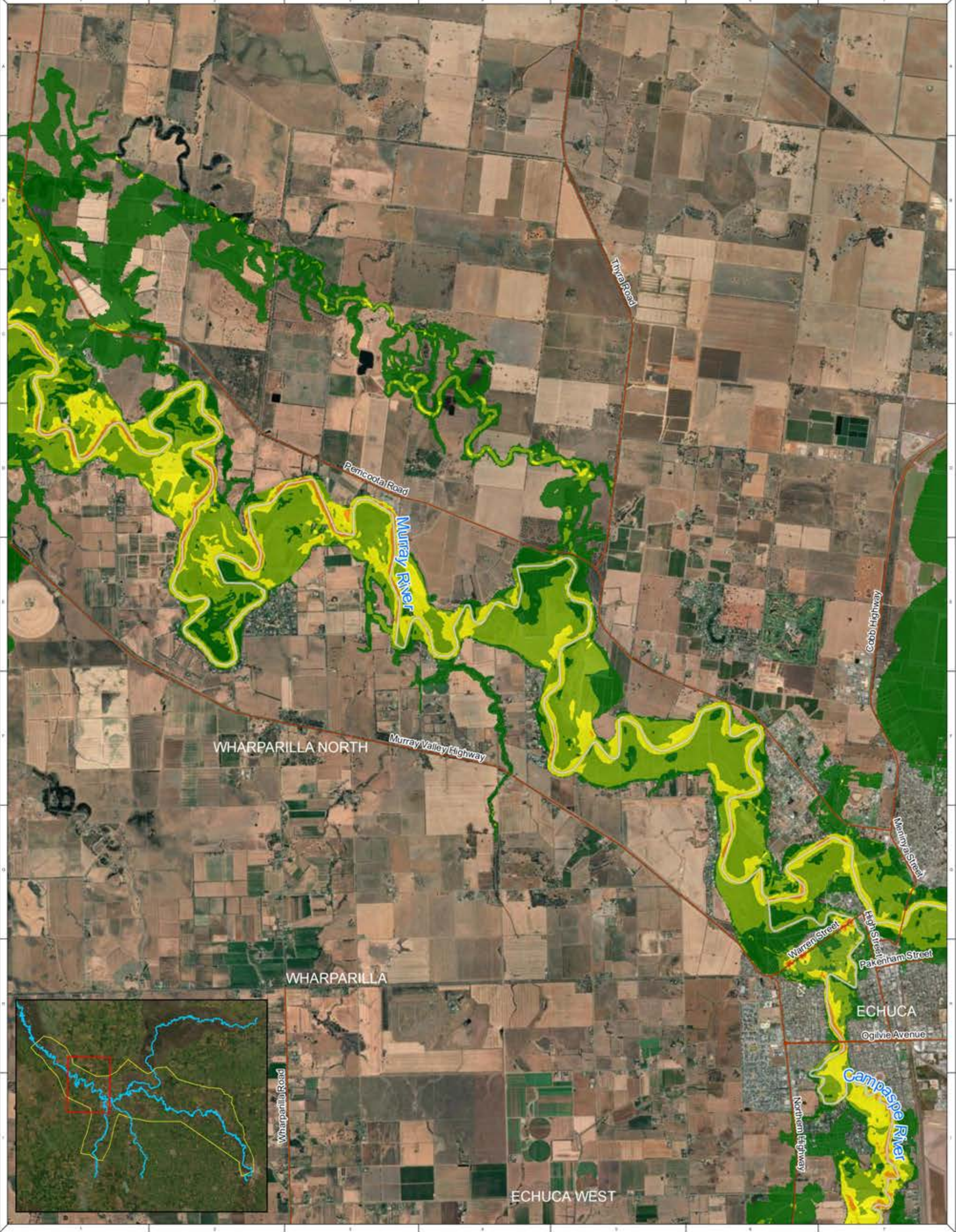
0.5 1 2 Kilometers

1:61,000 at A3

WATER TECHNOLOGY
Water Advice & Engineering Services

Map113 - 0.5% AEP Flood Depth (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/07/2023



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.5% AEP Maximum Velocity (m/s)	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2.0
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,000 at A3

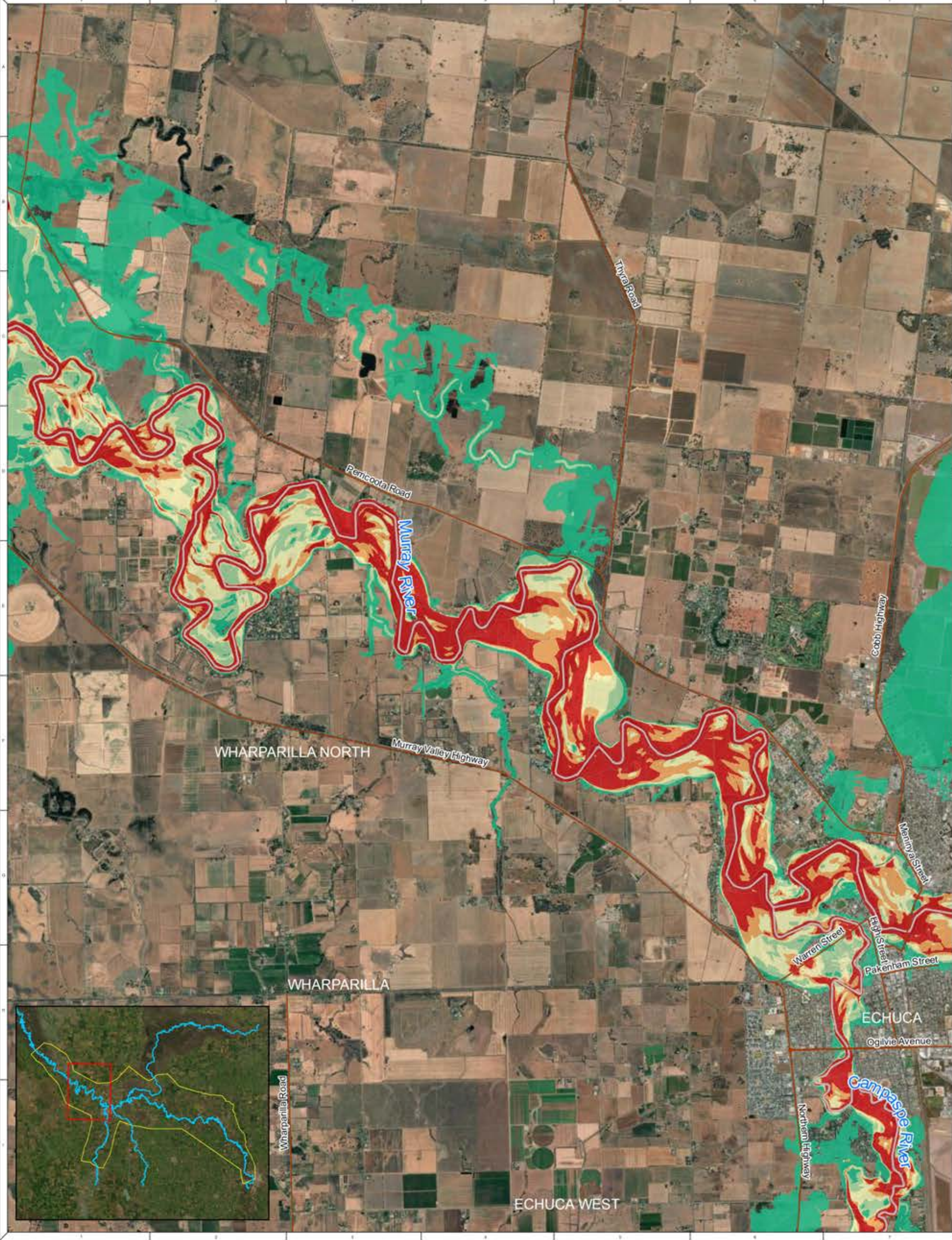
Map114 - 0.5% AEP Flood Velocity (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 10/01/2023

PROJECT: 10/01/2023

DRAWING NO: 10/01/2023



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents Viewmap Information © State of Victoria 2020

LEGEND

Roads	0.5% AEP Maximum VxD (m/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

Map115 - 0.5% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

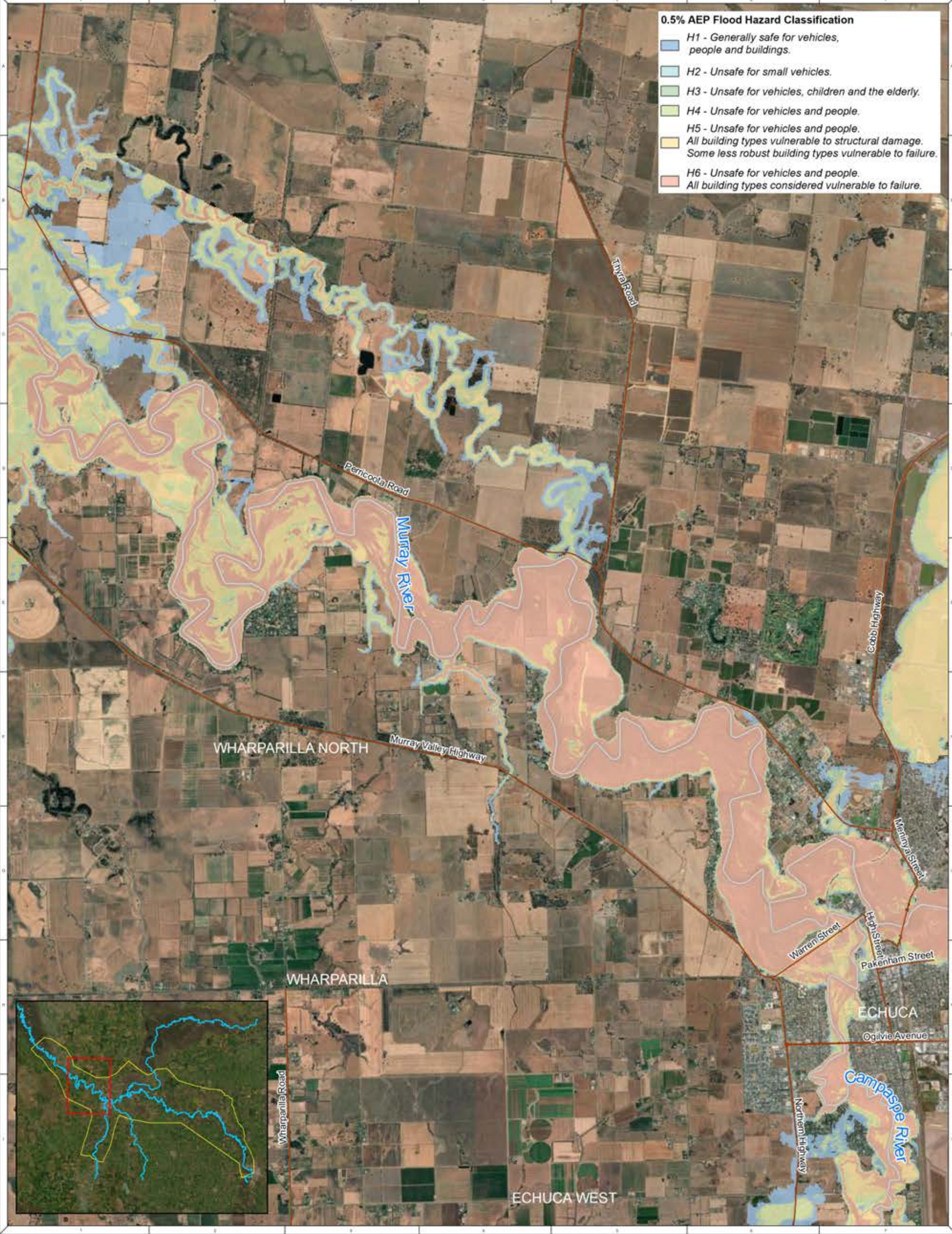
DATE: 10/01/2023

PROJECT: 115

ISSUE: 01

0.5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,000 at A3

Map 116 - 0.5% AEP Flood Hazard (Echuca West)

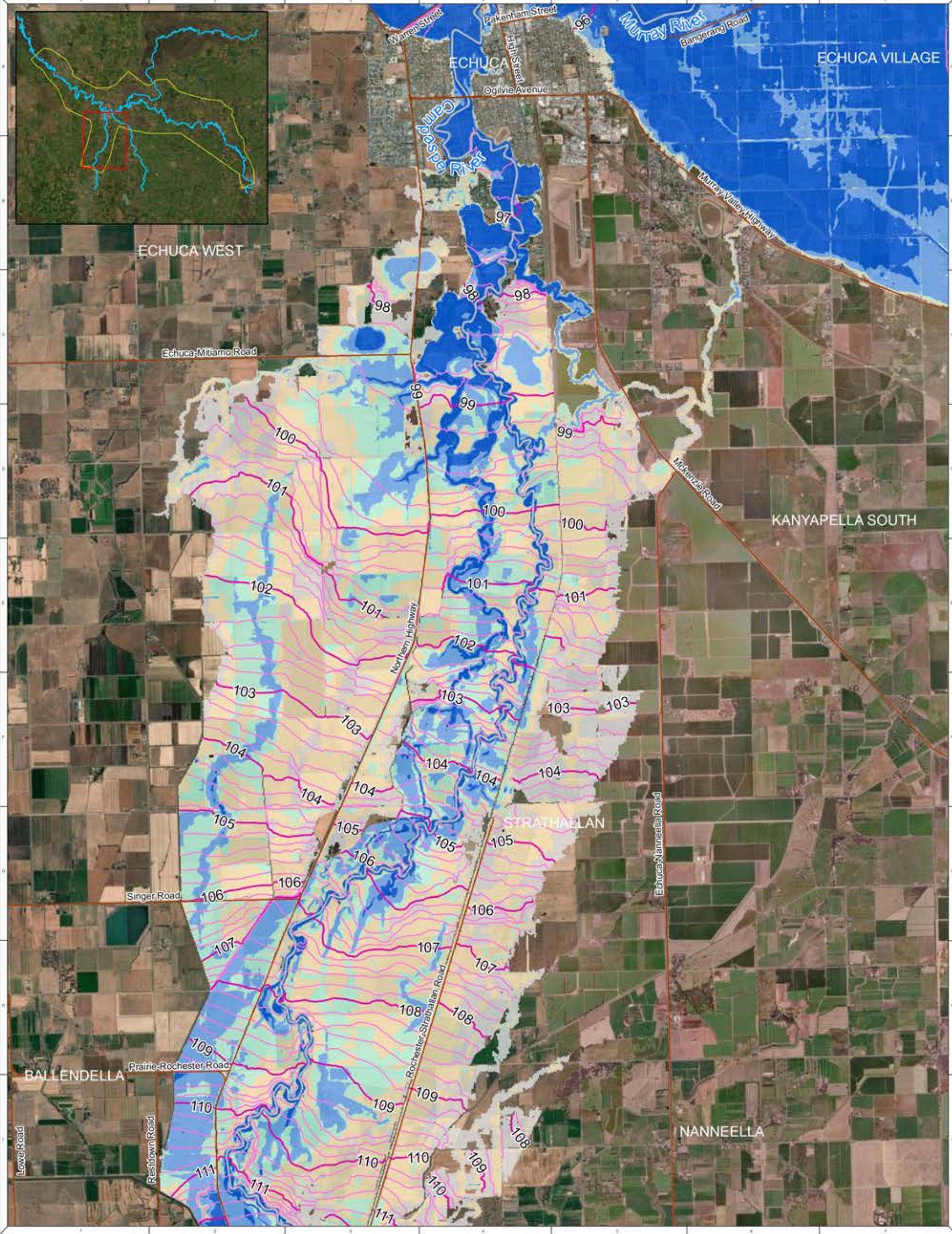
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

PROJECT: [Blank]

ISSUED BY: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents Version Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.5% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

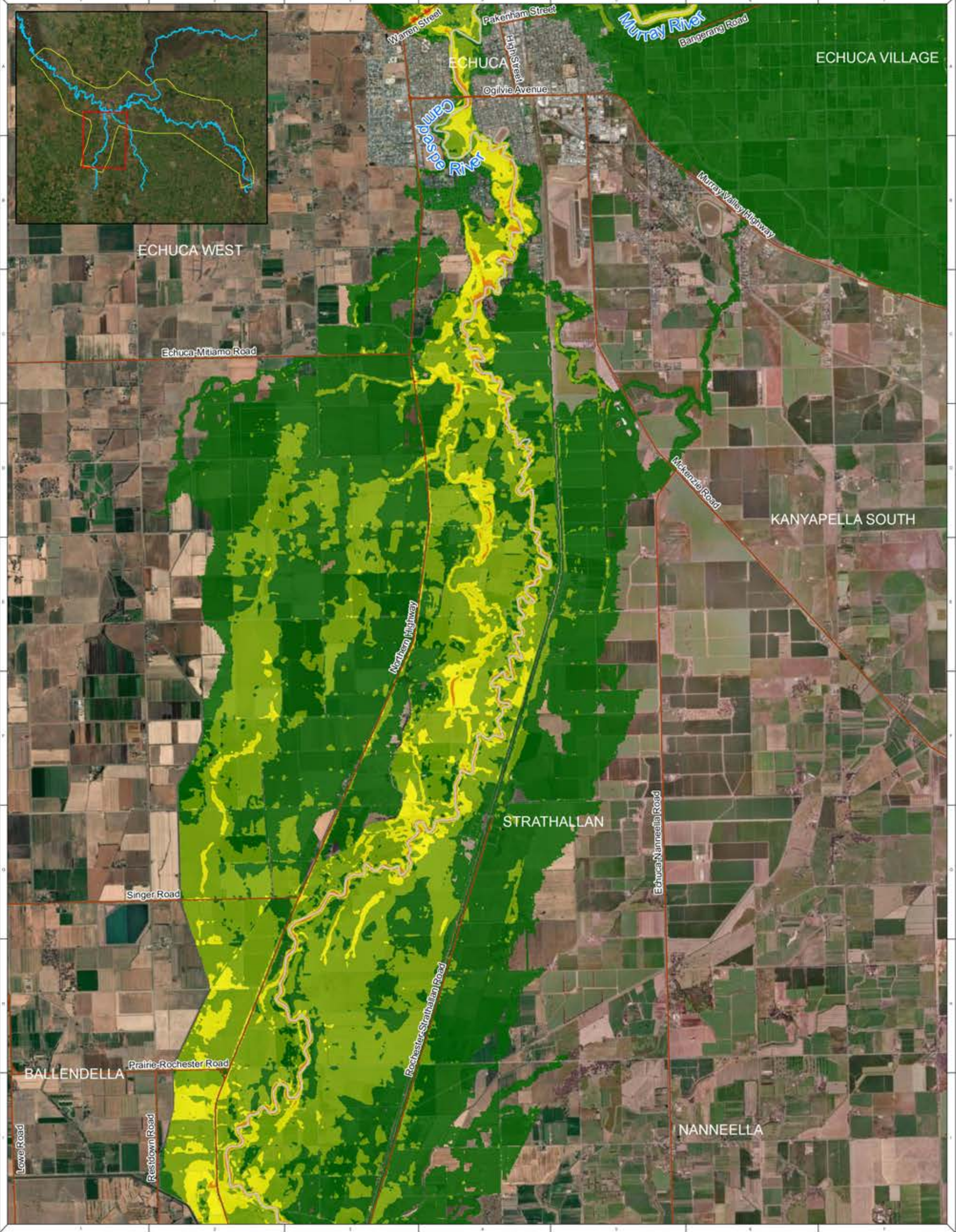
Map117 - 0.5% AEP Flood Depth (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT NUMBER: []



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	0.5% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map118 - 0.5% AEP Flood Velocity (Campaspe)

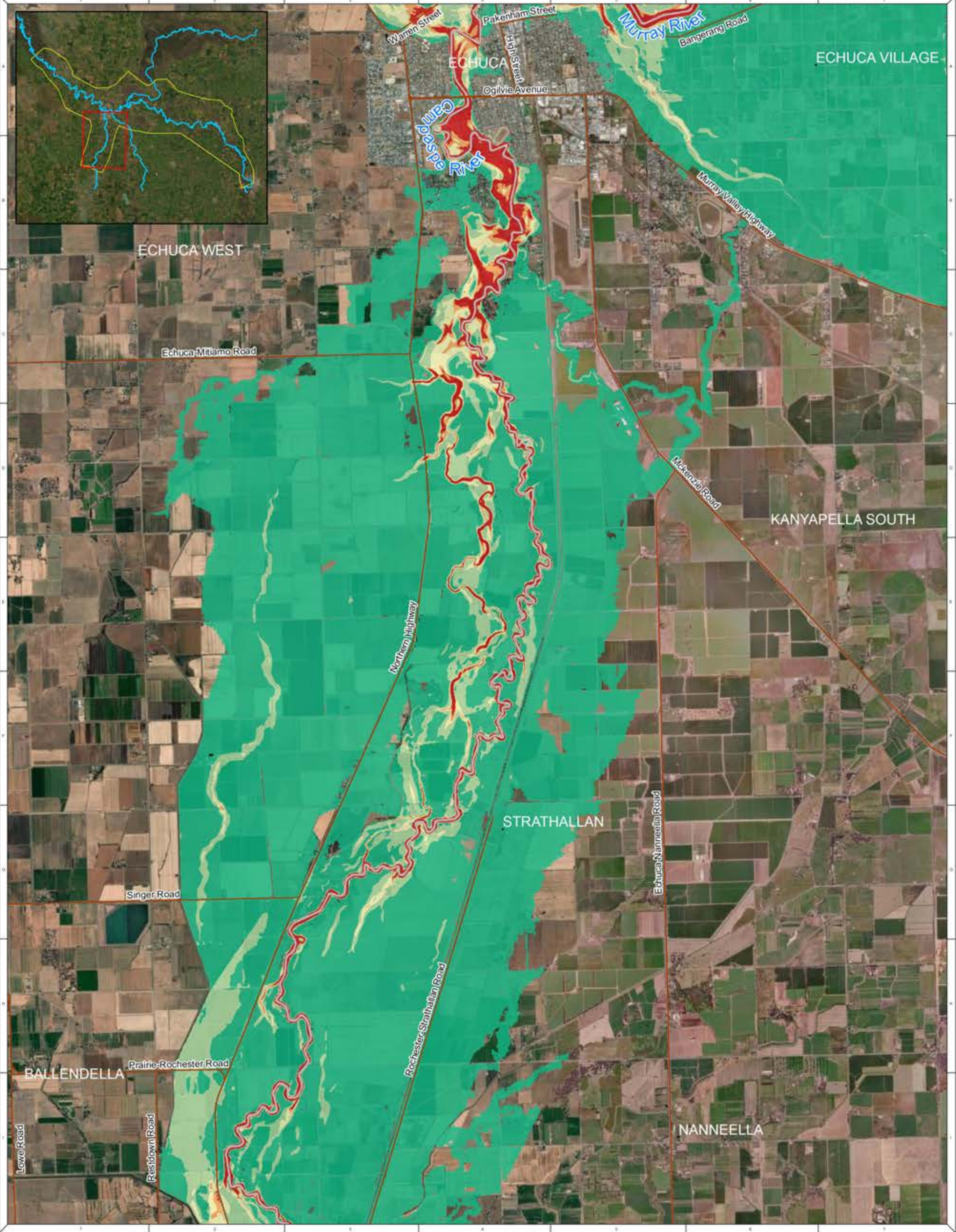
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [blank]

DRAFT: [blank]

DATE: [blank]

PROJECT NO: [blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

NOTE: Water Technology Pty Ltd has prepared this document in accordance with instruction of Campaspe Shire Council / Murray River Council for their specific use.

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Cartographic Information © State of Victoria 2020

LEGEND

Roads	0.5% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map119 - 0.5% AEP Flood VxD (Campaspe)

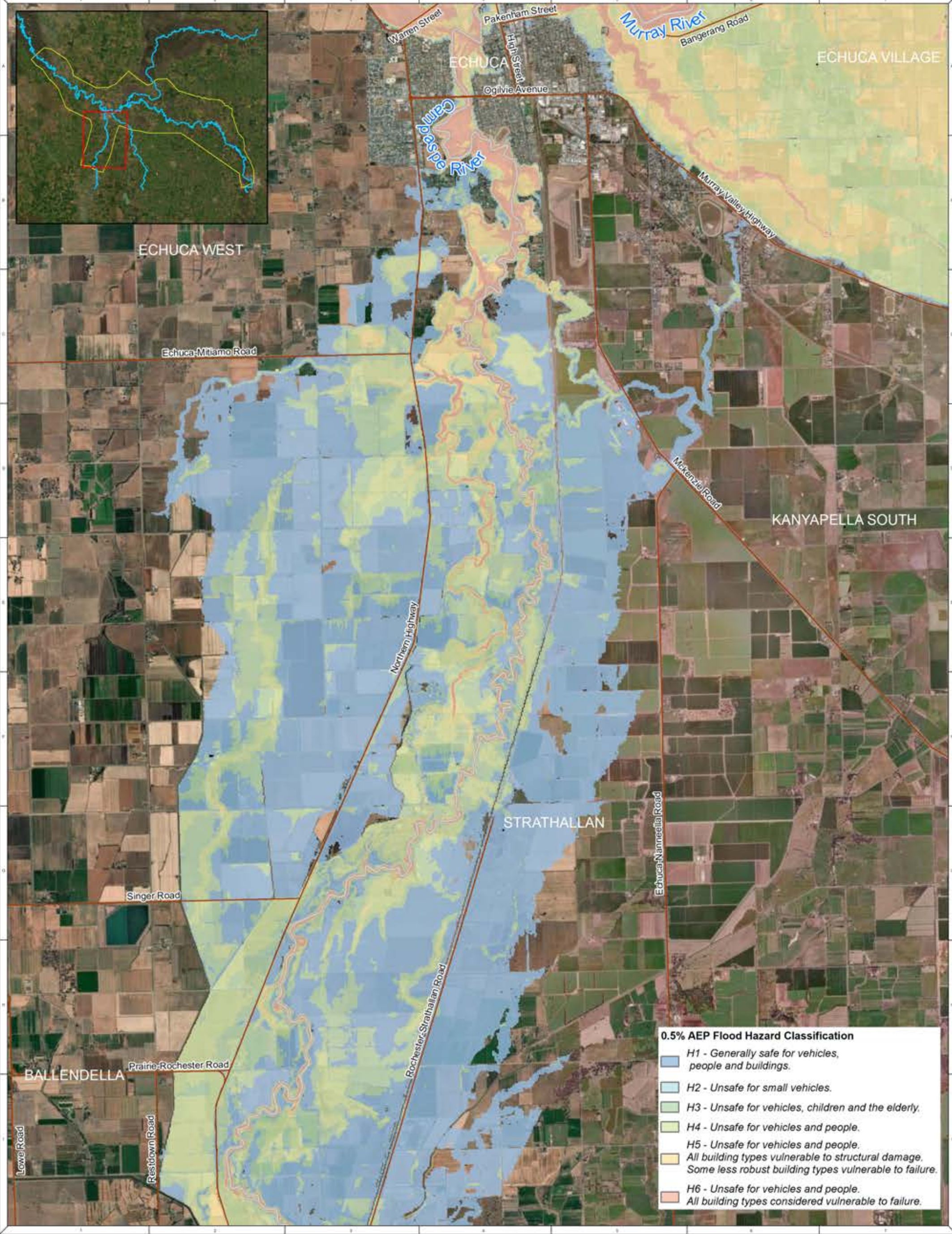
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [blank]

DRAFT: [blank]

DATE: [blank]

PROJECT NO: [blank]



0.5% AEP Flood Hazard Classification

	H1 - Generally safe for vehicles, people and buildings.
	H2 - Unsafe for small vehicles.
	H3 - Unsafe for vehicles, children and the elderly.
	H4 - Unsafe for vehicles and people.
	H5 - Unsafe for vehicles and people.
	All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
	H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

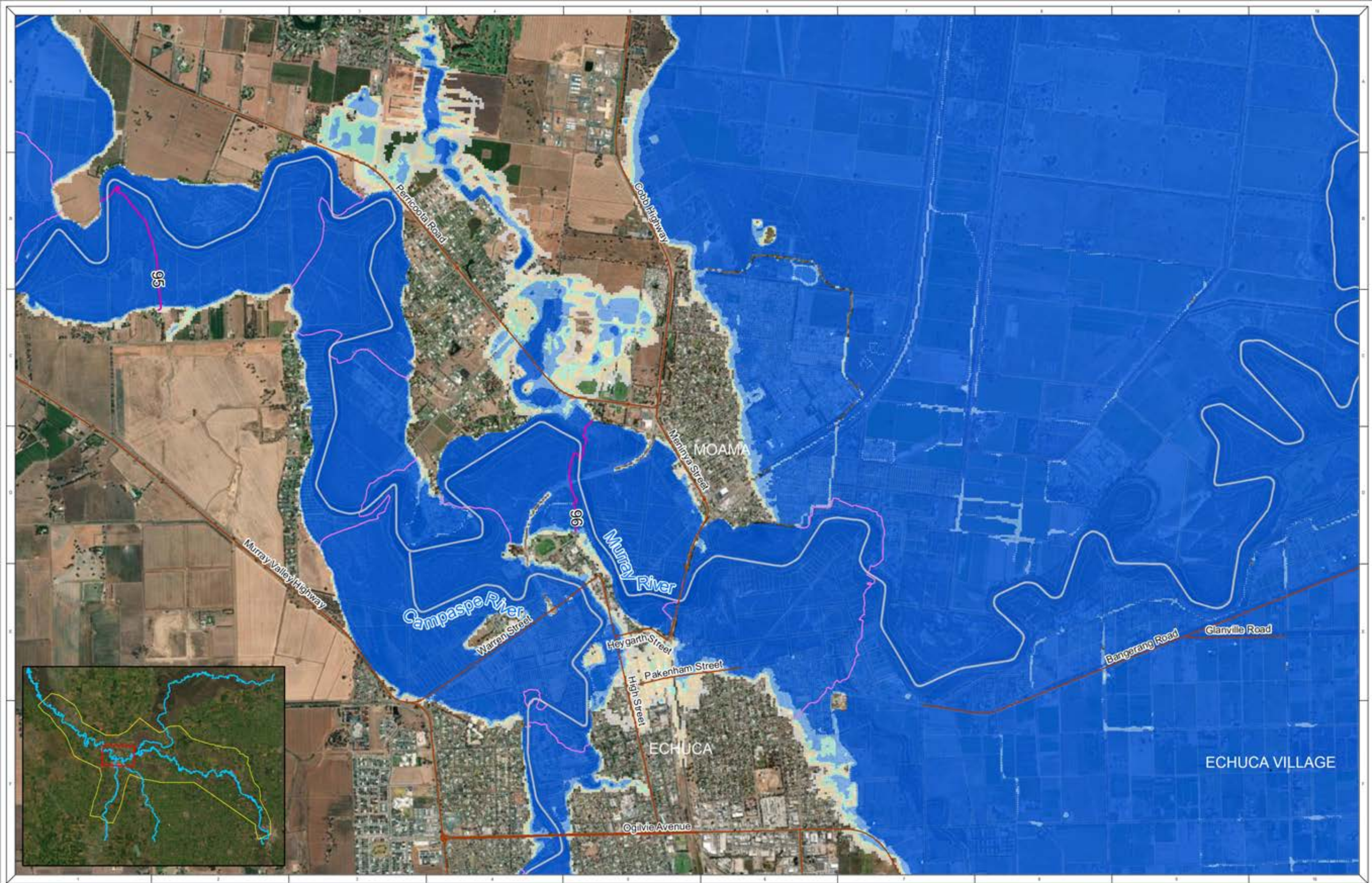
0 0.5 1 2 Kilometers

1:61,500 at A3

WATER TECHNOLOGY

Map 120 - 0.5% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study



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NOTE: Flood patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

bookmarks_Moama	River	Minor Contour	0.1 - 0.3	> 1.0
Roads	WSE Contour line (mAHD)	0.2% AEP Maximum Flood Depth (m)	0.3 - 0.5	
Cadastre	Major Contour	0 - 0.1	0.5 - 1.0	

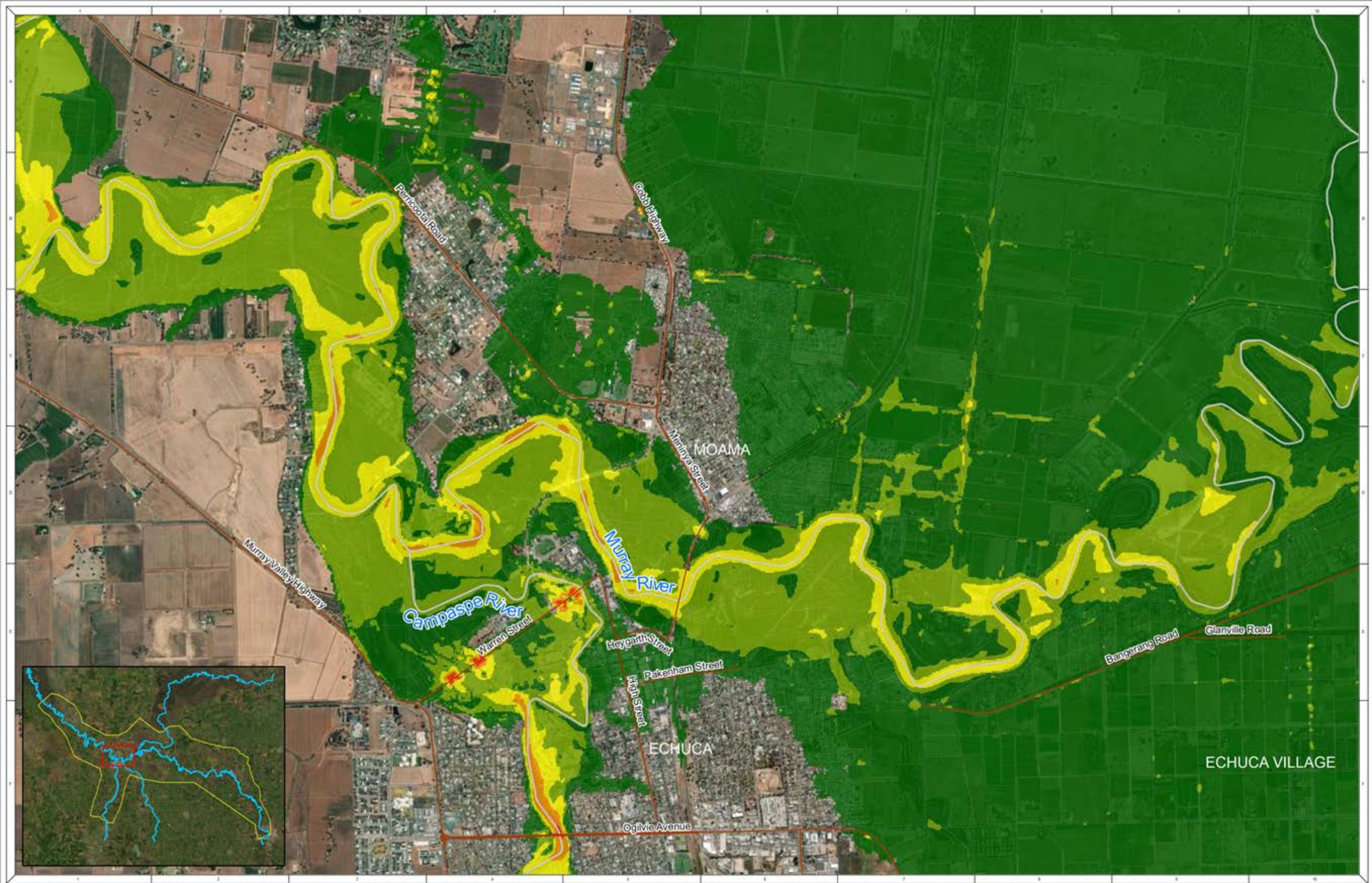
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
murray river council
Campaspe Shire Council

Map121 - 0.2% AEP Flood Depth (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/08/2023 SHEET: 14 DRAWING NUMBER: 121



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NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

- bookmarks_Moama
- Roads
- Cadastre
- River
- 0.2% AEP Maximum Velocity (m/s)
 - 0 - 0.25
 - 0.25 - 0.5
 - 0.5 - 1.0
 - 1.0 - 2
 - > 2.0

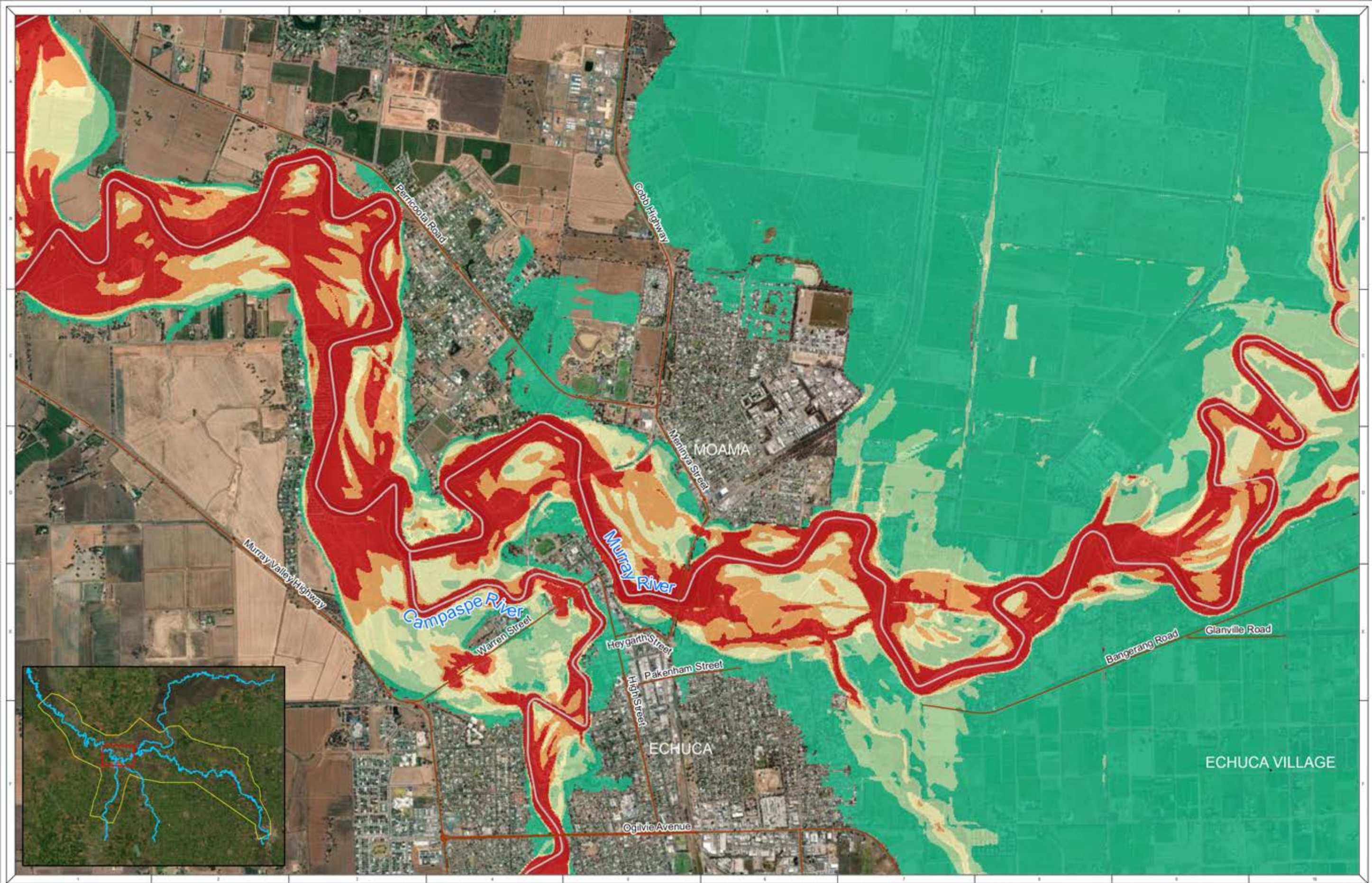
0 0.25 0.5 1 Kilometers

1:32,000 at A3

WATER TECHNOLOGY
murray river council
Campaspe Shire Council

Map122 - 0.2% AEP Flood Velocity (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 10/08/2023 SHEET: 14 DRAWING NUMBER: 122



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NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event.

Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

LEGEND

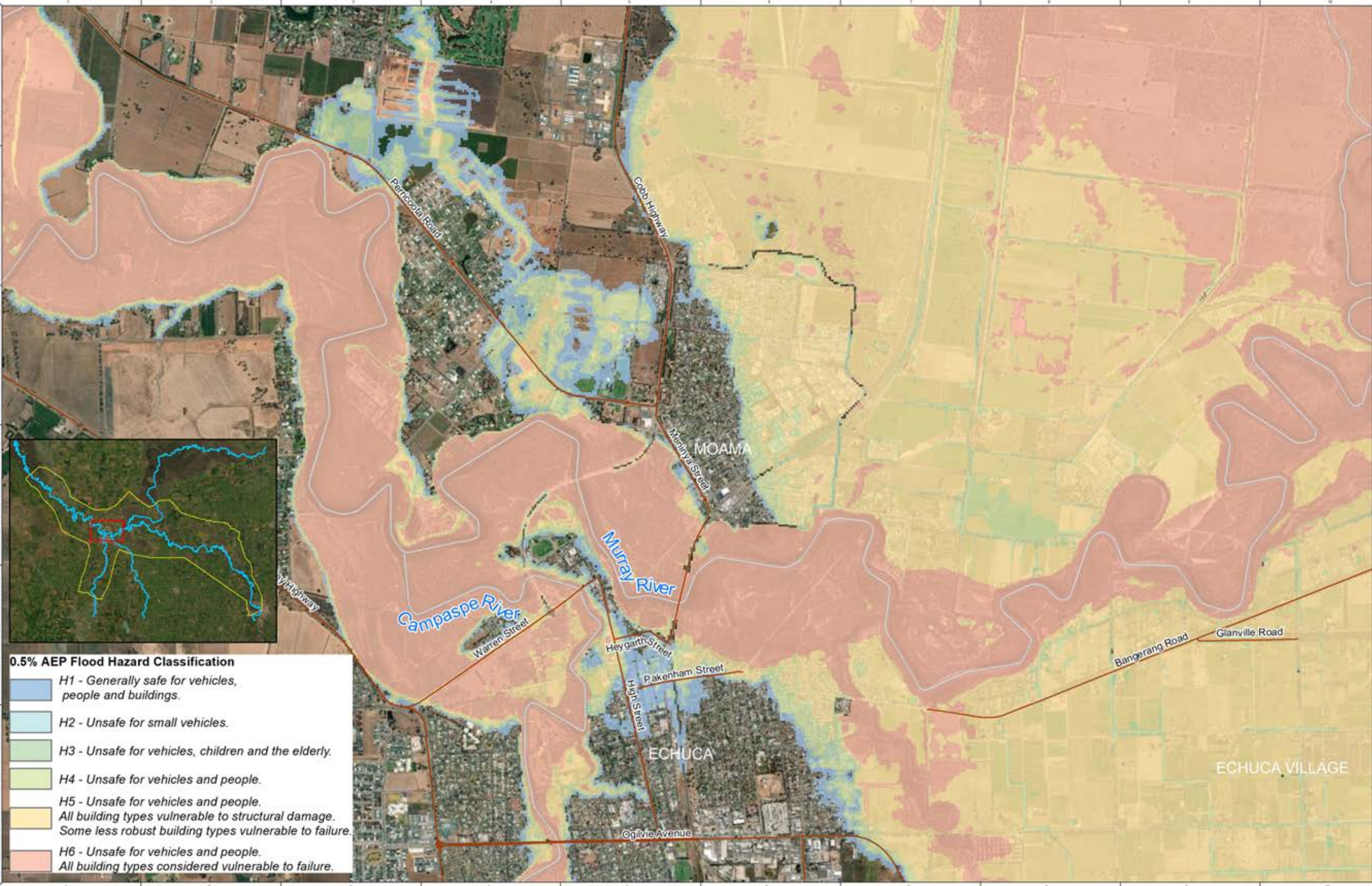
bookmarks_Moama	Cadastre	0.5% AEP Maximum VxD (m/s)	0.25	0.75
Roads	River	0	0.5	1.0

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map123 - 0.2% AEP Flood VxD (Moama)
Echuca-Moama-Torrumbarry Flood Study

DATE: 11/01/2023 11:00:00 AM SHEET: 14 DRAWING NUMBER: 12300000000000000000



- 0.5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people. All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

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LEGEND

- Roads
- River
- Cadastre

0 0.25 0.5 1 Kilometers

1:32,000 at A3

Map 124 - 0.2% AEP Flood Hazard (Moama)
Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
- Major Contour
- Minor Contour

0.2% AEP Maximum Flood Depth (m)	
	0 - 0.1
	0.1 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	> 1.0

Scale: 0 0.5 1.0 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

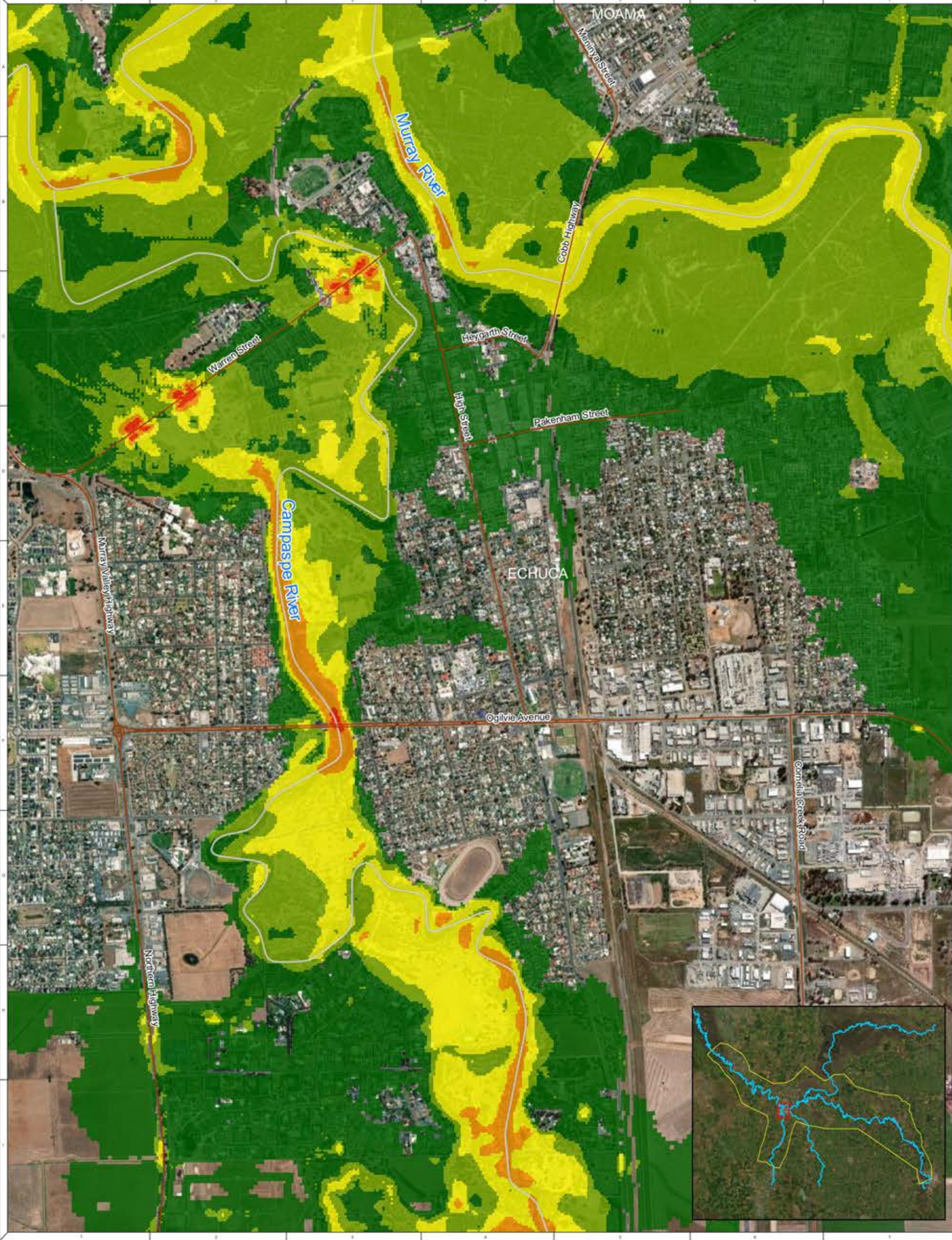
Map125 - 0.2% AEP Flood Depth (Echuca)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT: []



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.2% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2.0
River	0.25 - 0.5	> 2.0

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

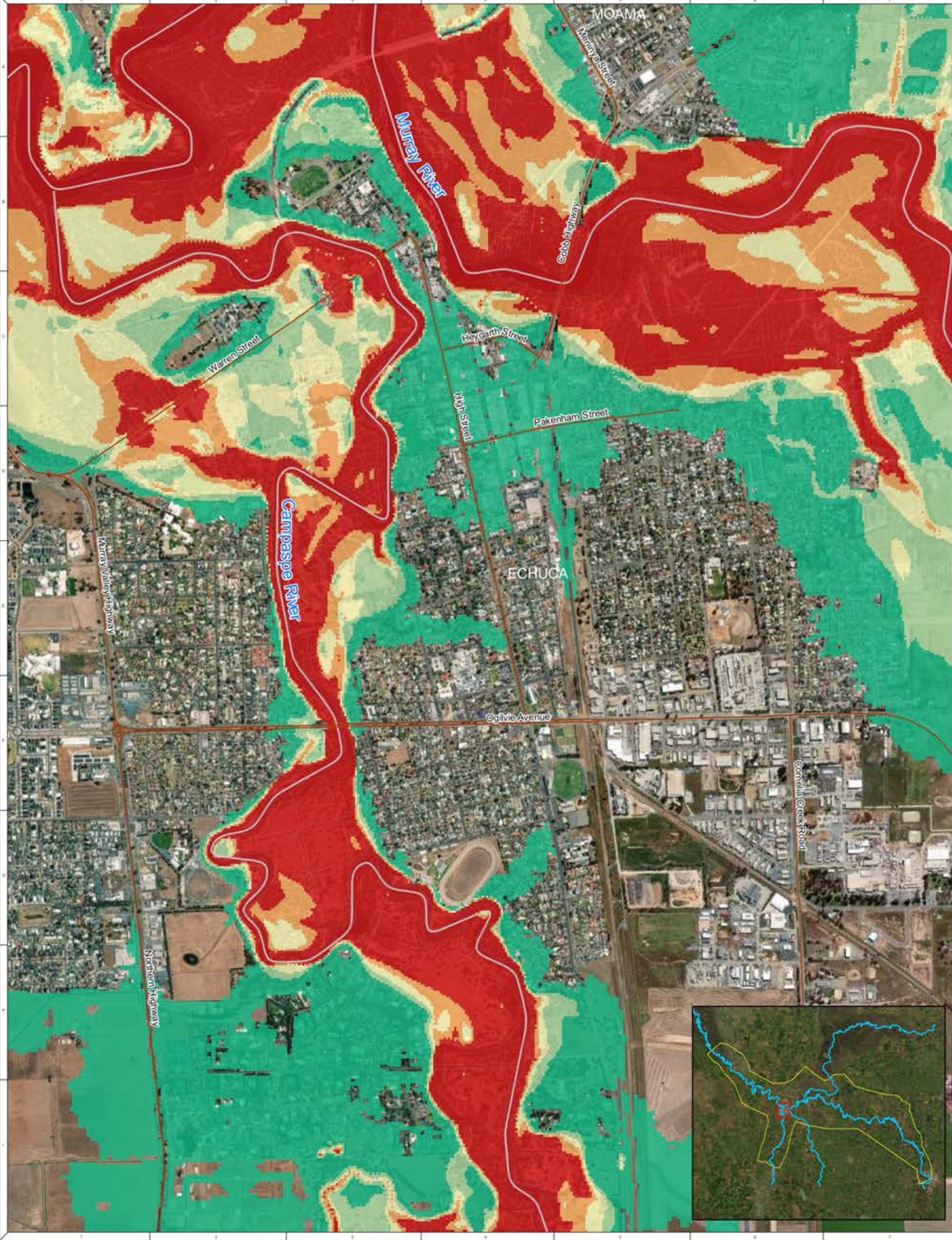
Map126 - 0.2% AEP Flood Velocity (Echuca)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT: []



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.2% AEP Maximum VxD (m/s)	0.5
Cadastre	0	0.75
River	0.25	1.0

Scale: 0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

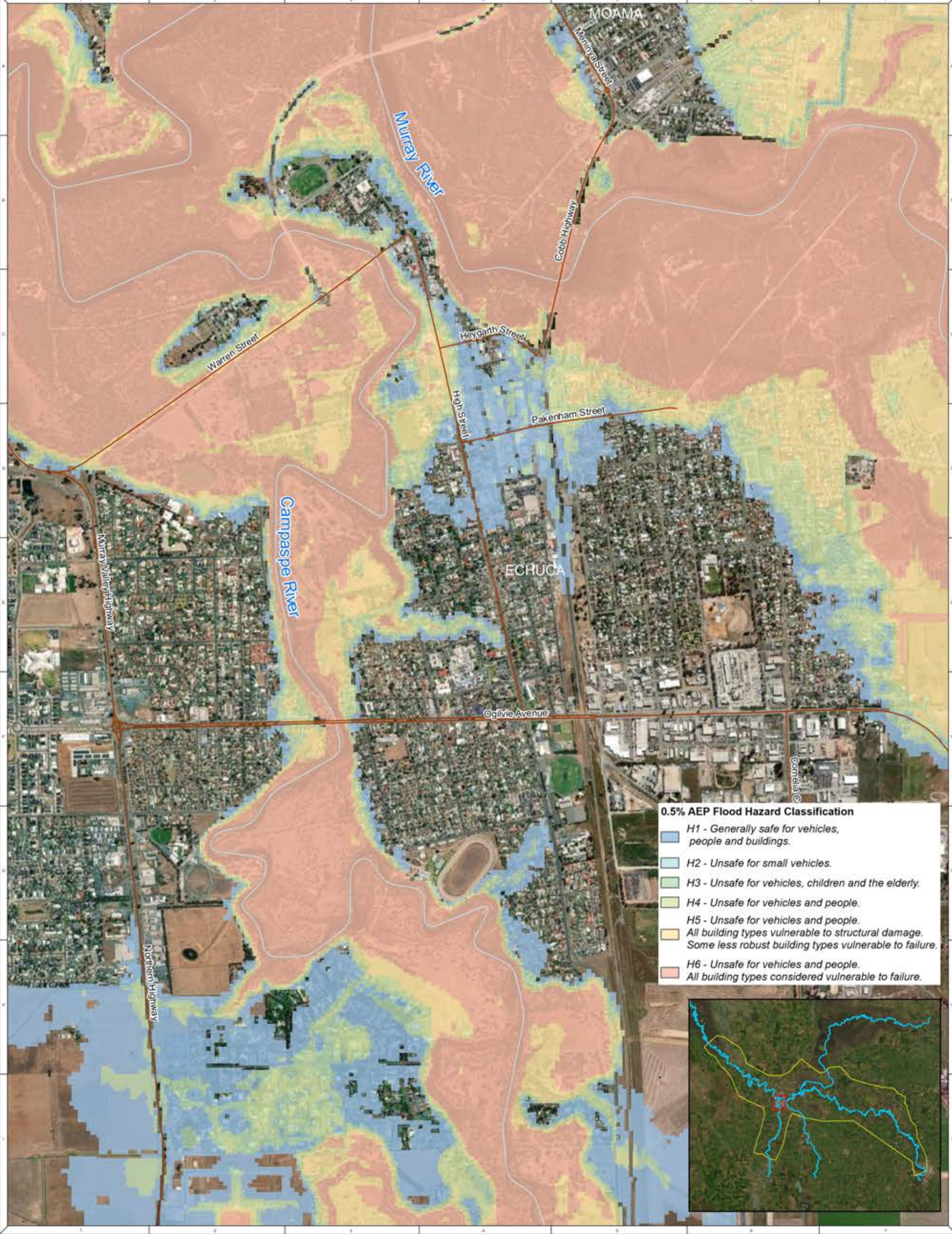
Map127 - 0.2% AEP Flood VxD (Echuca)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT NUMBER: []



0.5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.15 0.3 0.45 Kilometers

1:16,100 at A3

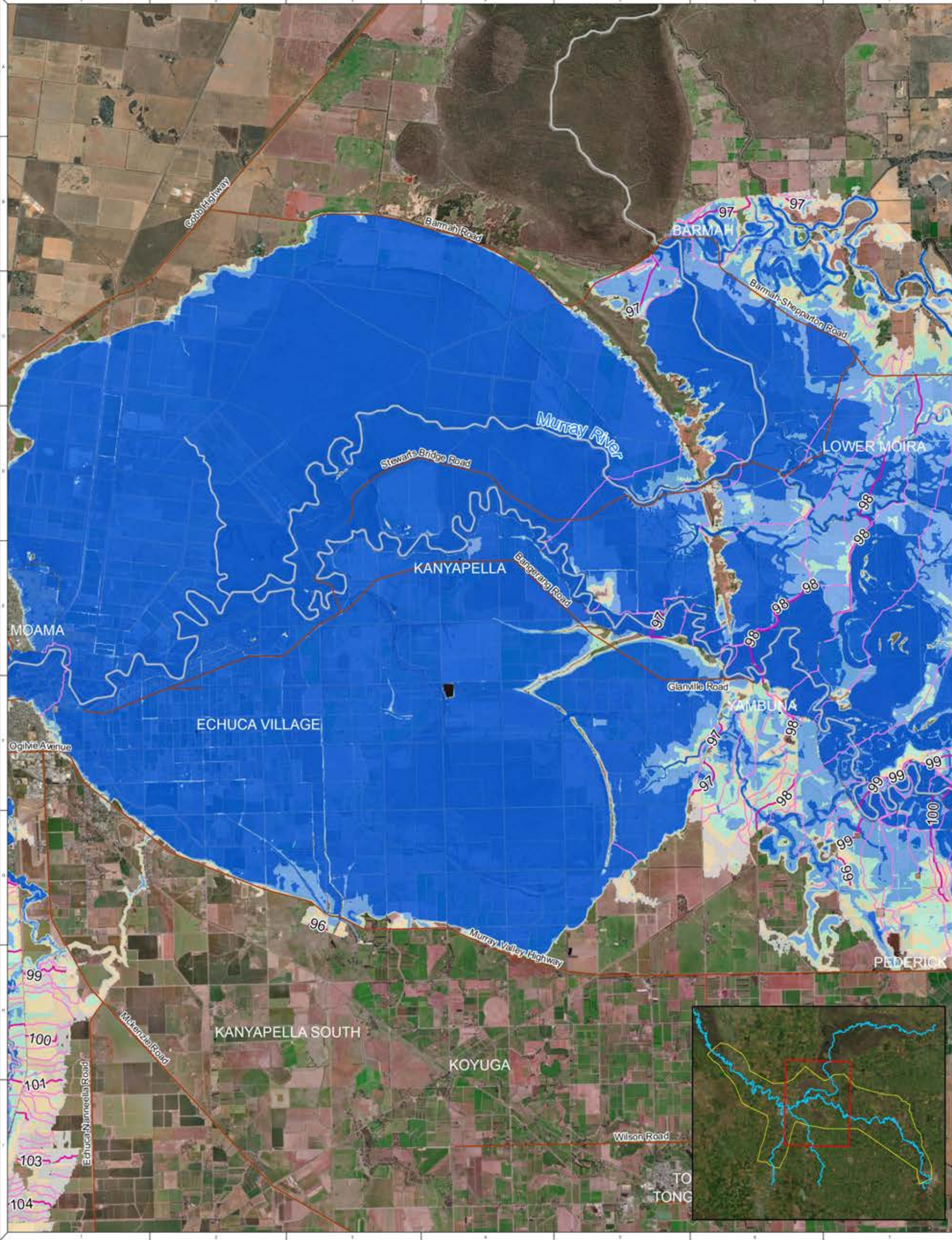
Map 128 - 0.2% AEP Flood Hazard (Echuca)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

ISSUED BY: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.2% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

0 1 2 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Water Quality & Environmental Laboratory

Map129 - 0.2% AEP Flood Depth (Kanyapella)

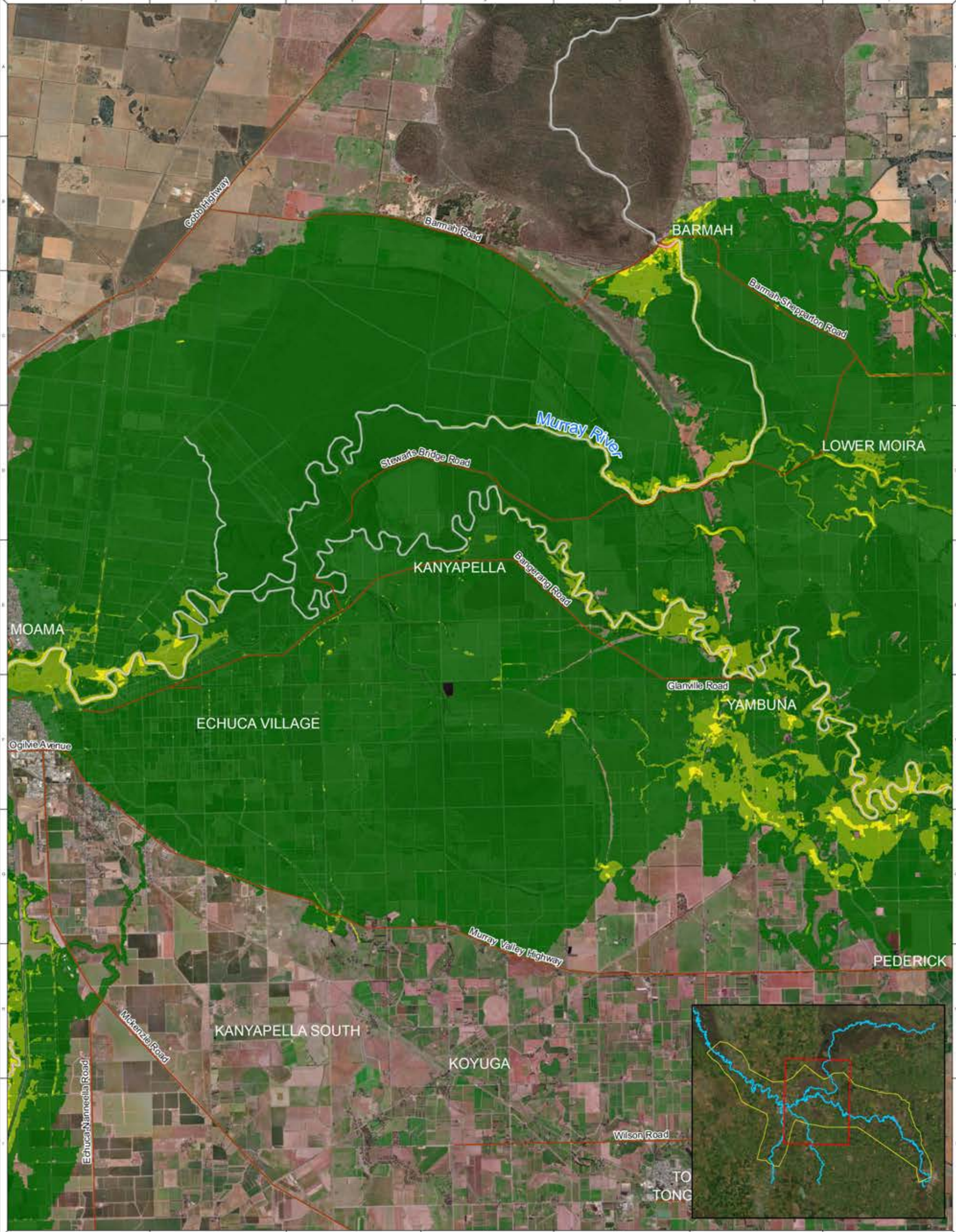
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DRAFT: [Blank]

DATE: [Blank]

PROJECT NUMBER: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.2% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

Scale: 0 1 2 4 Kilometers

1:92,933 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

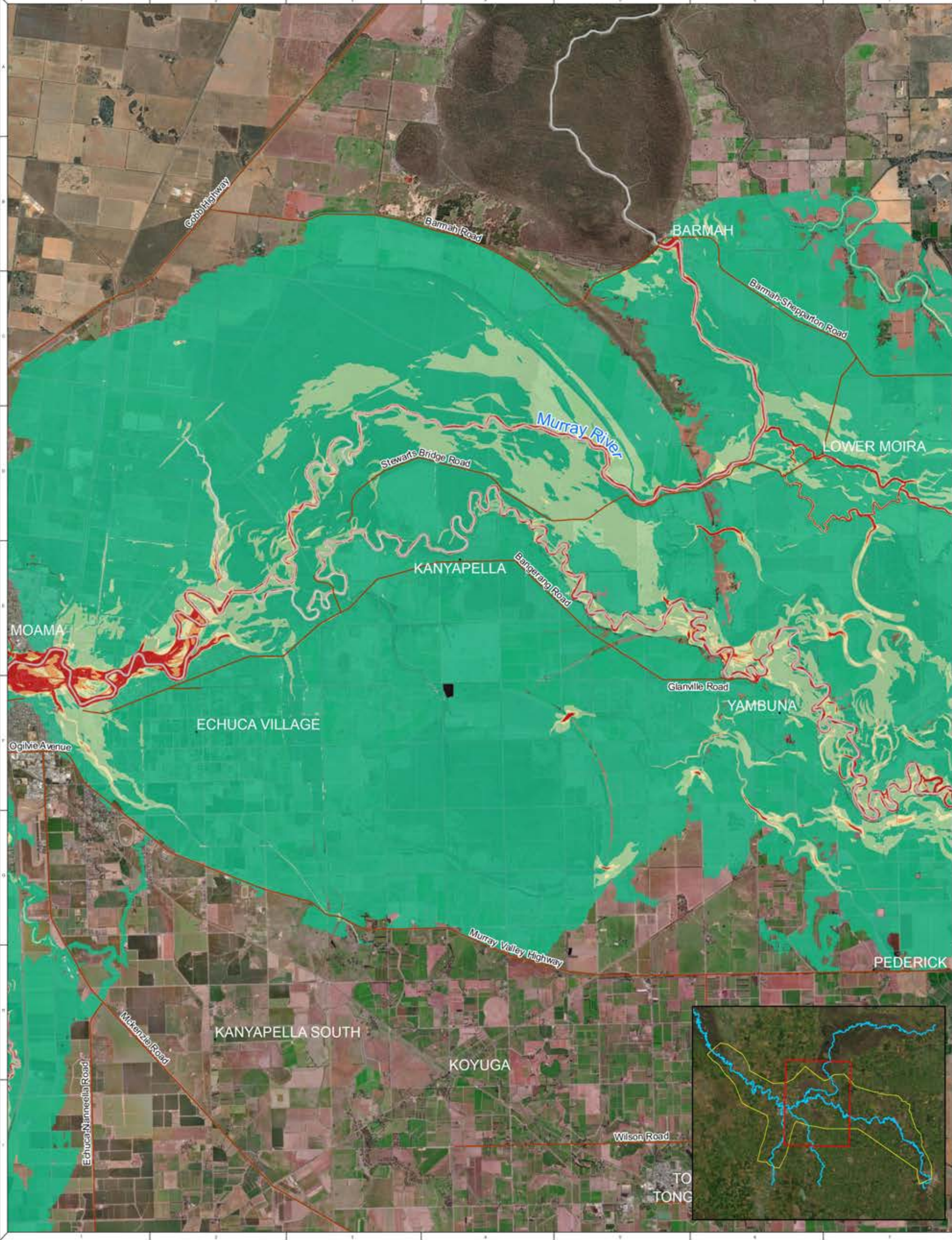
Map130 - 0.2% AEP Flood Velocity (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

DRAWING NUMBER: []



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.2% AEP Maximum VxD (m/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 1 2 4 Kilometers

1:92,933 at A3

Map131 - 0.2% AEP Flood VxD (Kanyapella)
Echuca-Moama-Torrumbarry Flood Study

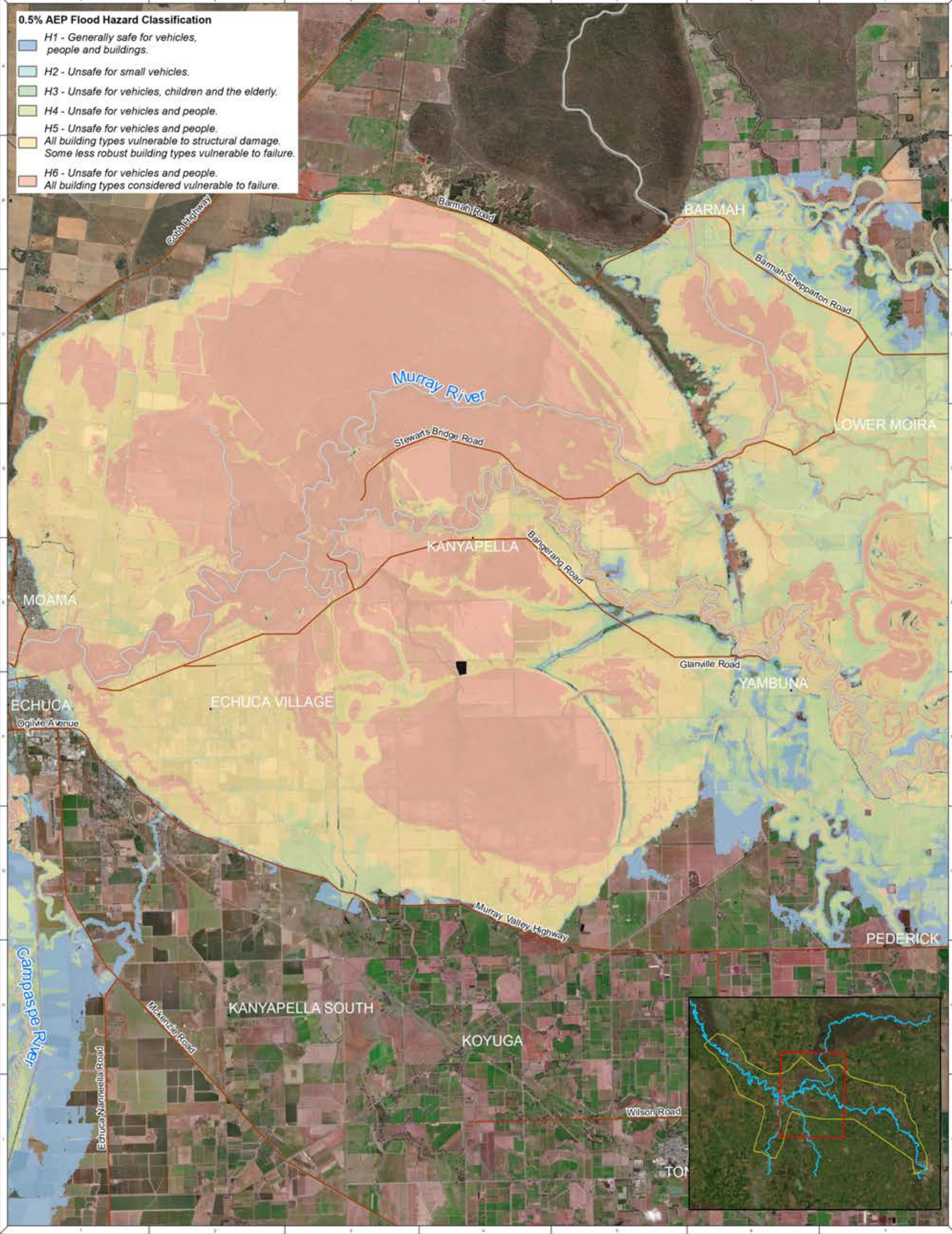
REFERENCE: []

DRAFT: []

DATE: []

PROJECT NUMBER: []

- 0.5% AEP Flood Hazard Classification**
- H1 - Generally safe for vehicles, people and buildings.
 - H2 - Unsafe for small vehicles.
 - H3 - Unsafe for vehicles, children and the elderly.
 - H4 - Unsafe for vehicles and people.
 - H5 - Unsafe for vehicles and people.
 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
 - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

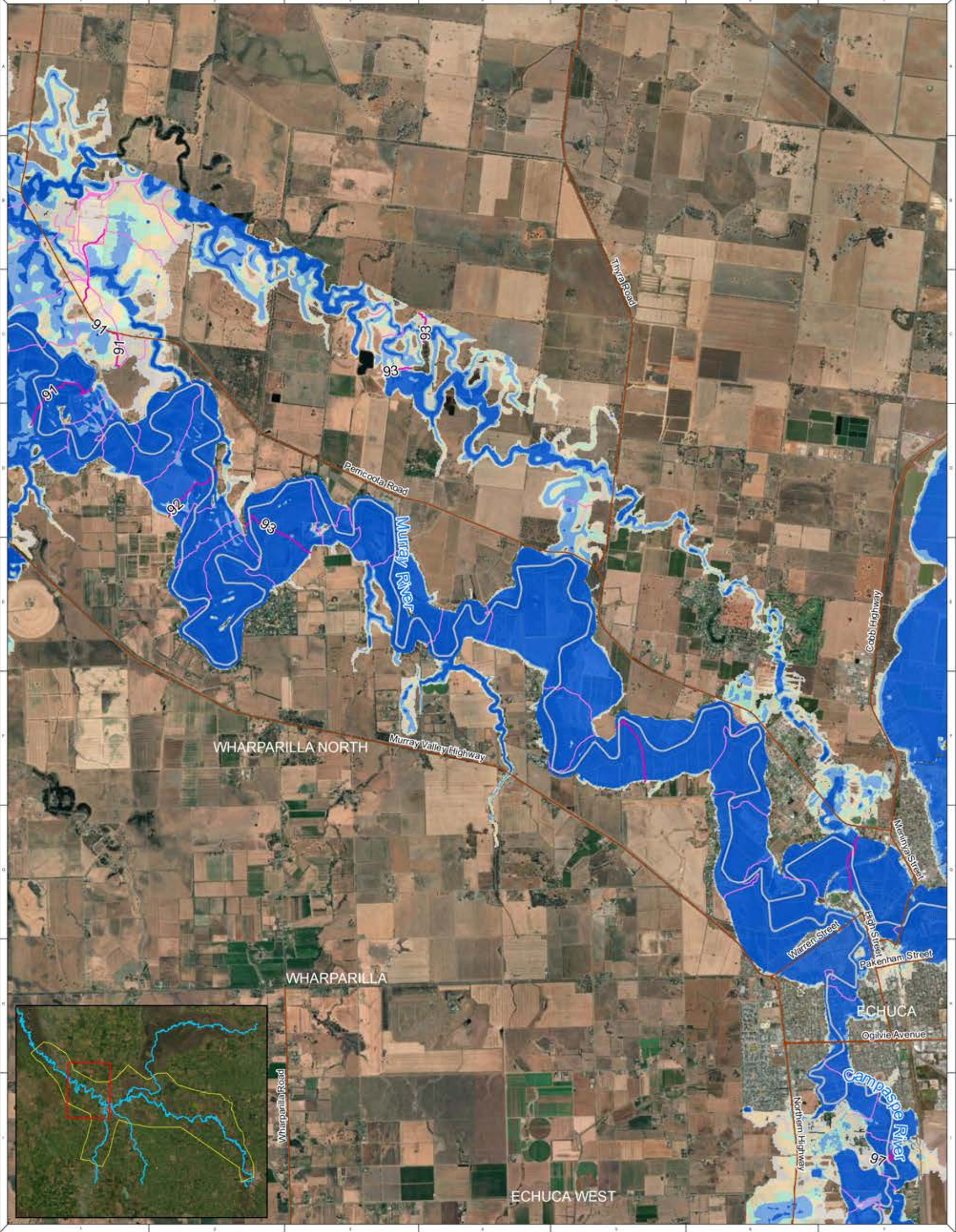
- Roads
- Cadastre
- River

0 1 2 Kilometers

1:92,933 at A3

Map 132 - 0.2% AEP Flood Hazard (Kanyapella)

Echuca-Moama-Torrumbarry Flood Study



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Content: Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.2% AEP Maximum Flood Depth

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

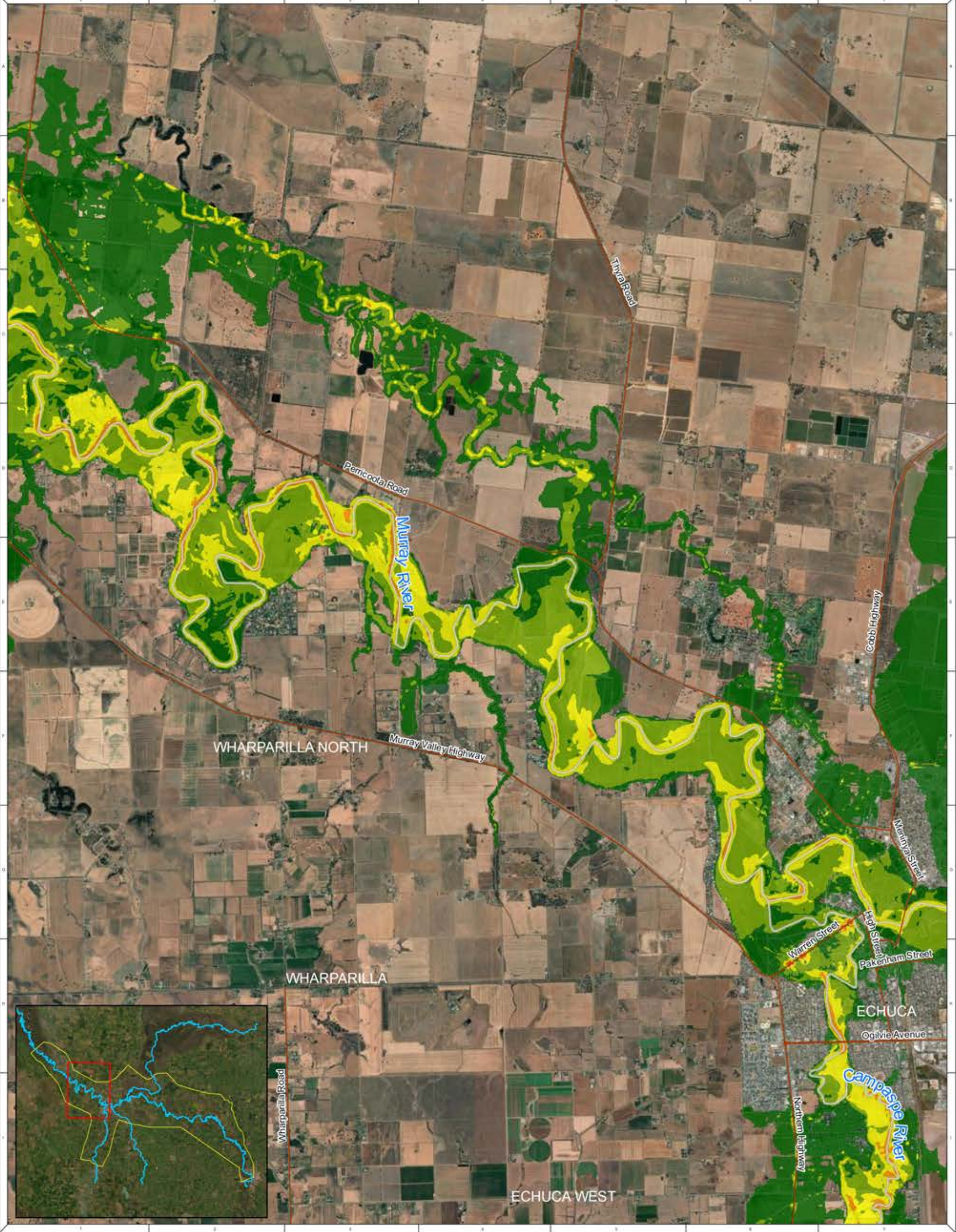
Scale: 0 0.5 1 2 Kilometers

1:61,000 at A3

WATER TECHNOLOGY
Water Advice & Engineering Services

Map133 - 0.2% AEP Flood Depth (Echuca West)
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []
DATE: []



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

Roads	0.2% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,000 at A3

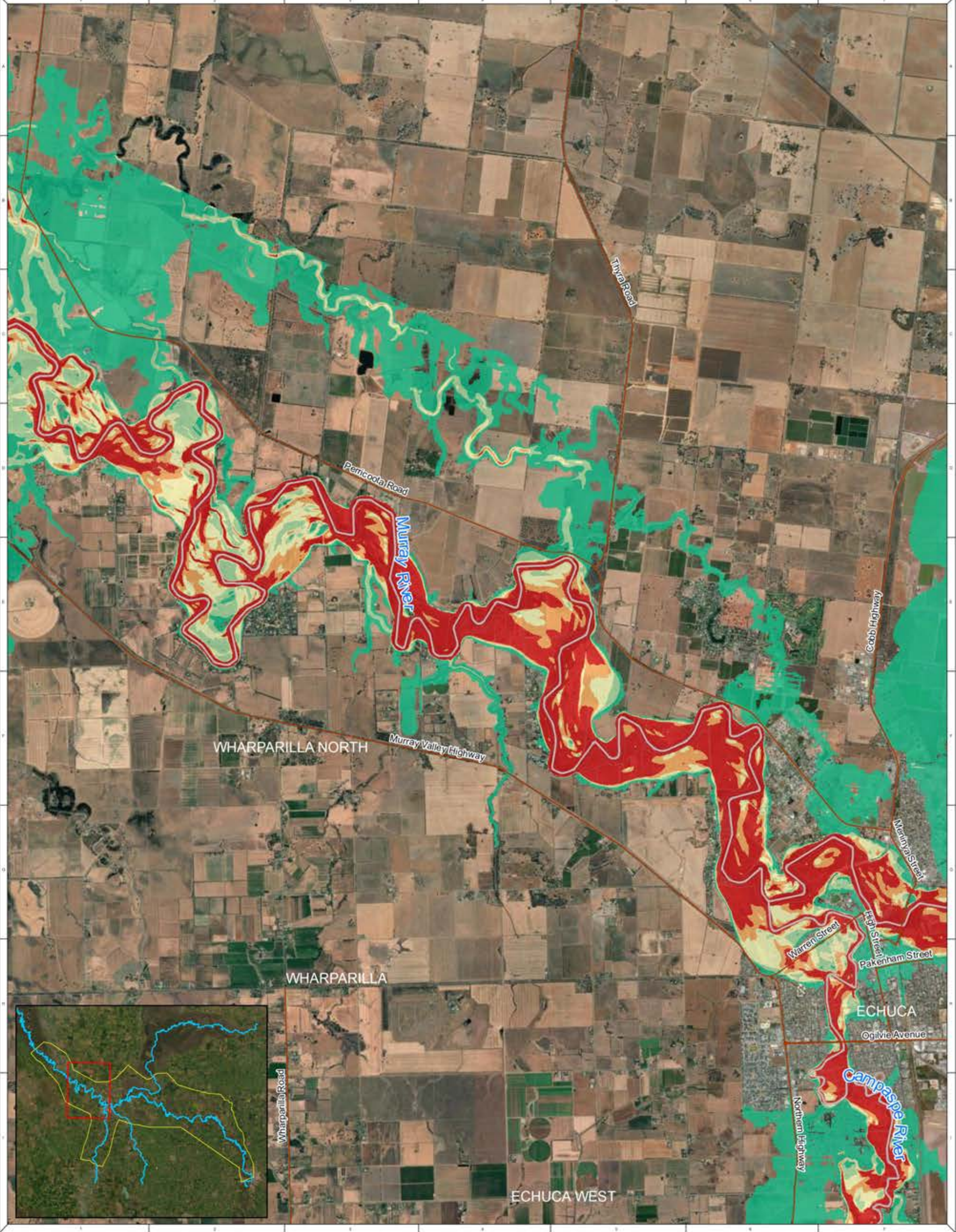
Map134 - 0.2% AEP Flood Velocity (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DATE: [Blank]

PROJECT NUMBER: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	0.2% AEP Maximum VxD (m/s)	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,000 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map135 - 0.2% AEP Flood VxD (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

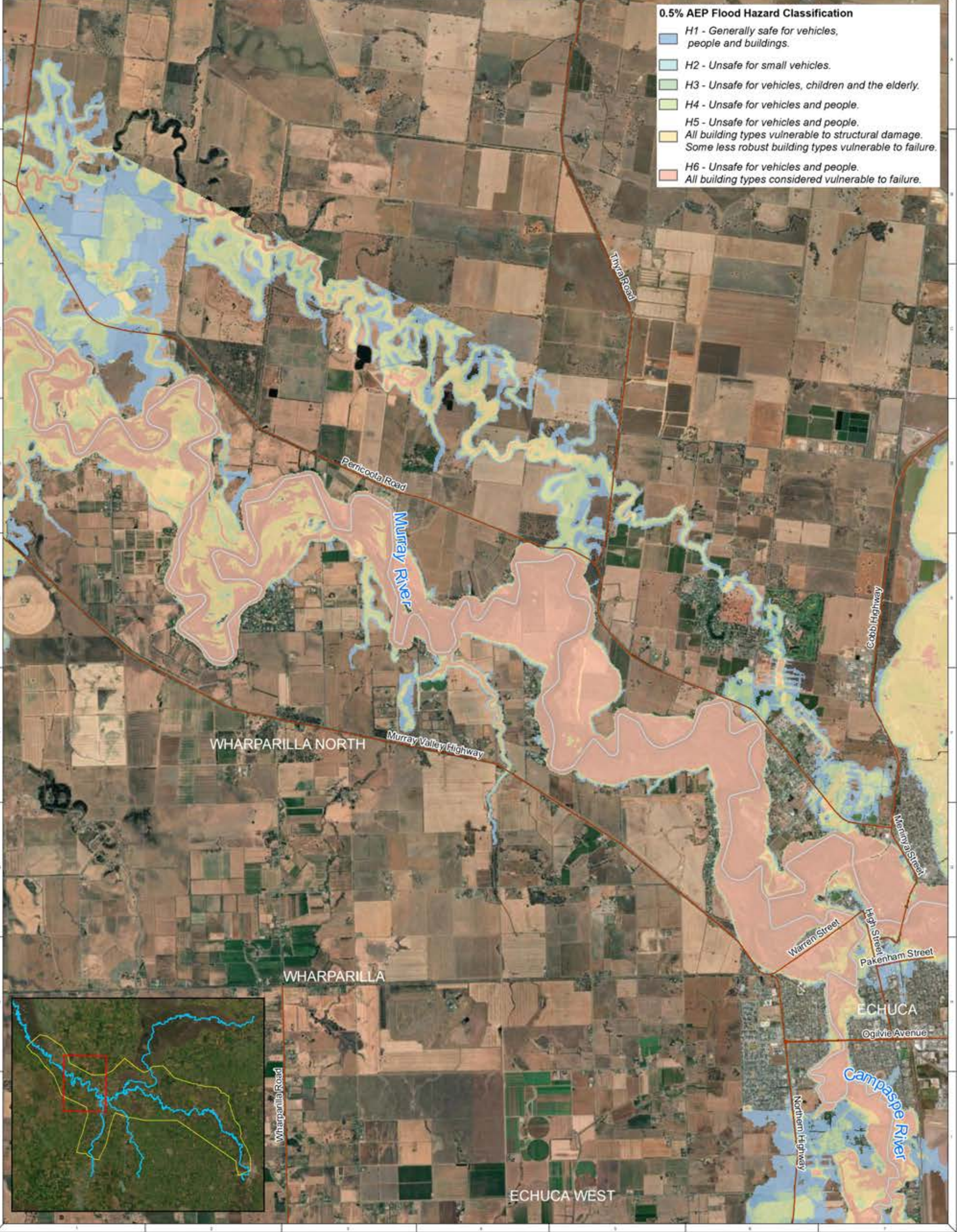
DWT: []

DATE: []

PROJECT NO: []

0.5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H6 - Unsafe for vehicles and people.
- All building types considered vulnerable to failure.



WHARPARILLA NORTH

WHARPARILLA

ECHUCA WEST

ECHUCA



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,000 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

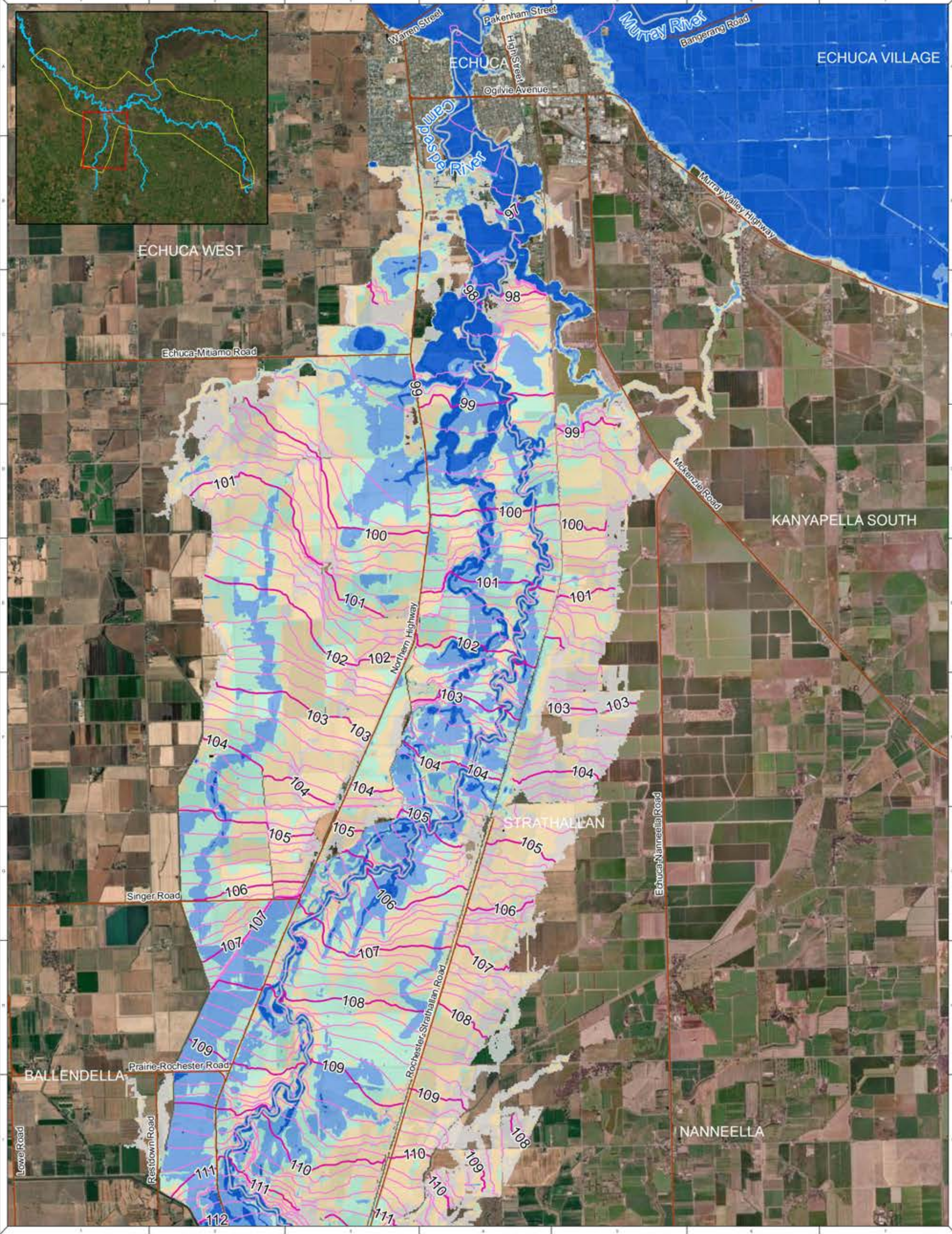
Map 136 - 0.2% AEP Flood Hazard (Echuca West)

Echuca-Moama-Torrumbarry Flood Study

DATE: 14/03/23

PROJECT: 136

ISSUE: 01



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents Version Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River
- WSE Contour line (mAHD)
 - Major Contour
 - Minor Contour

0.2% AEP Maximum Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- > 1.0

Scale: 1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map137 - 0.2% AEP Flood Depth (Campaspe)

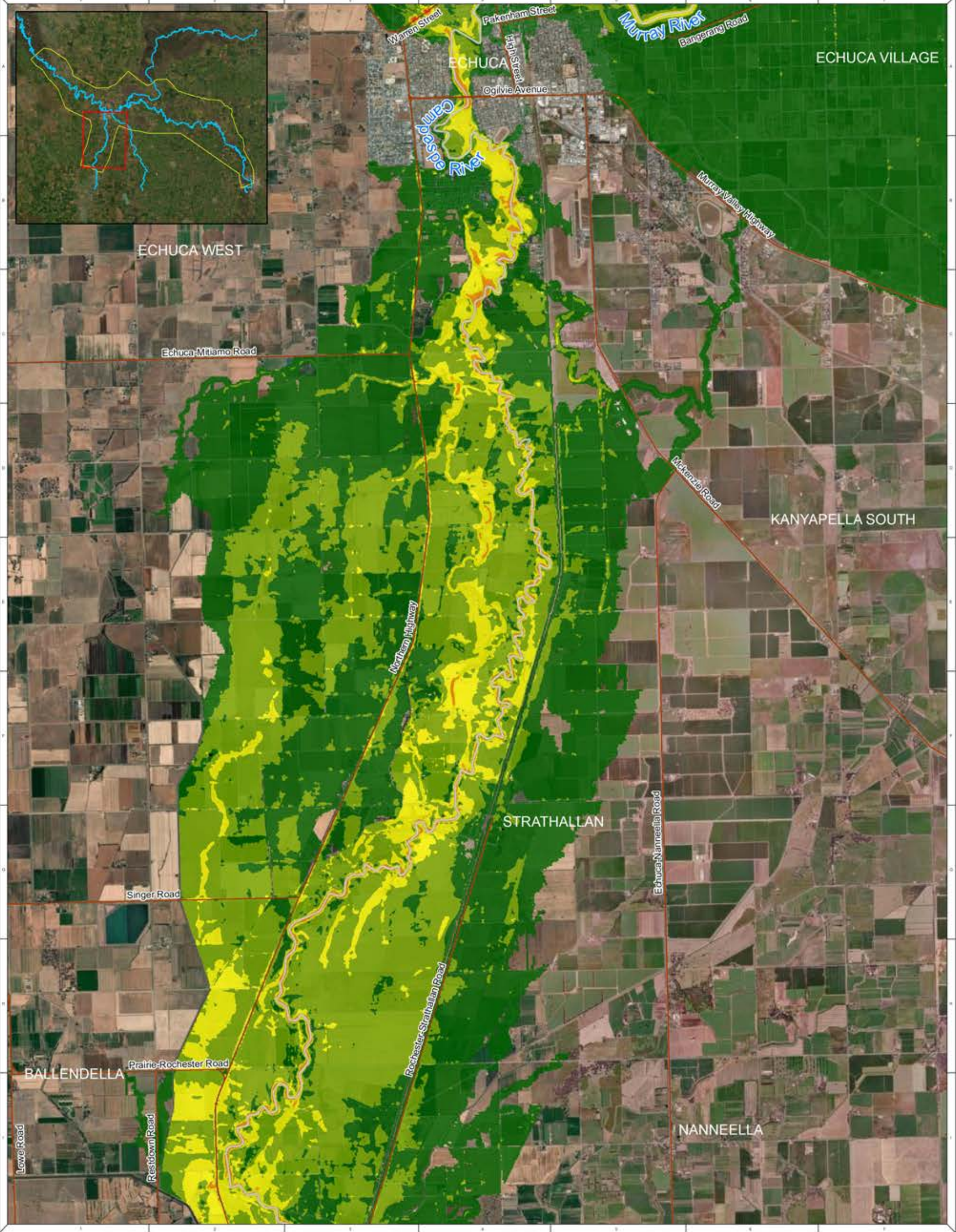
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DWT: [Blank]

DATE: [Blank]

DRAWING NO: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	0.2% AEP Maximum Velocity	0.5 - 1.0
Cadastral	0 - 0.25	1.0 - 2
River	0.25 - 0.5	> 2.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

Map138 - 0.2% AEP Flood Velocity (Campaspe)

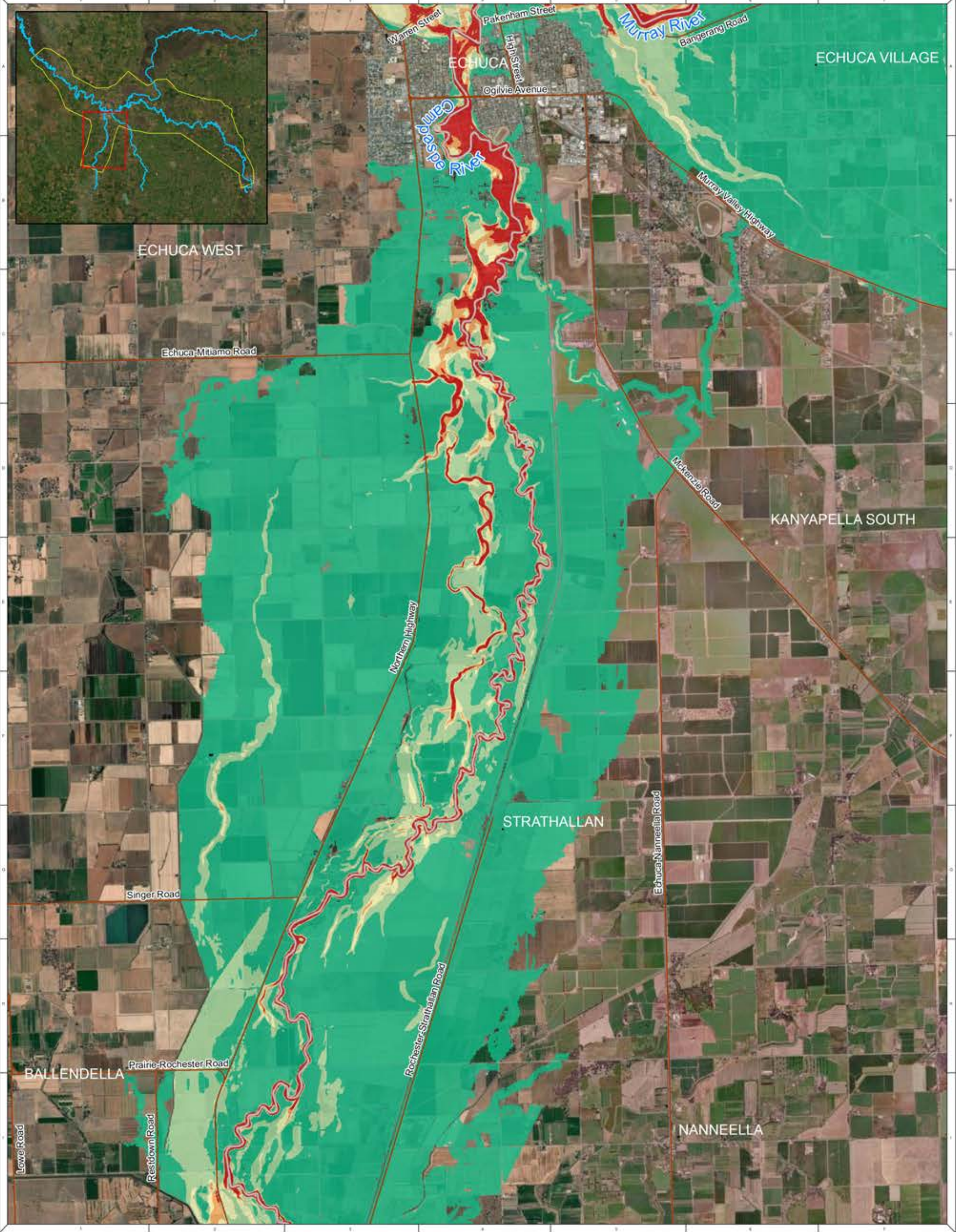
Echuca-Moama-Torrumbarry Flood Study

REFERENCE: [Blank]

DRAFT: [Blank]

DATE: [Blank]

PROJECT NO: [Blank]



NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contents: Vicmap Information © State of Victoria 2020

LEGEND

Roads	0.2% AEP Maximum VxD	0.5
Cadastral	0	0.75
River	0.25	1.0

0 0.5 1 2 Kilometers

1:61,500 at A3

murray river council

Campaspe Shire Council

WATER TECHNOLOGY

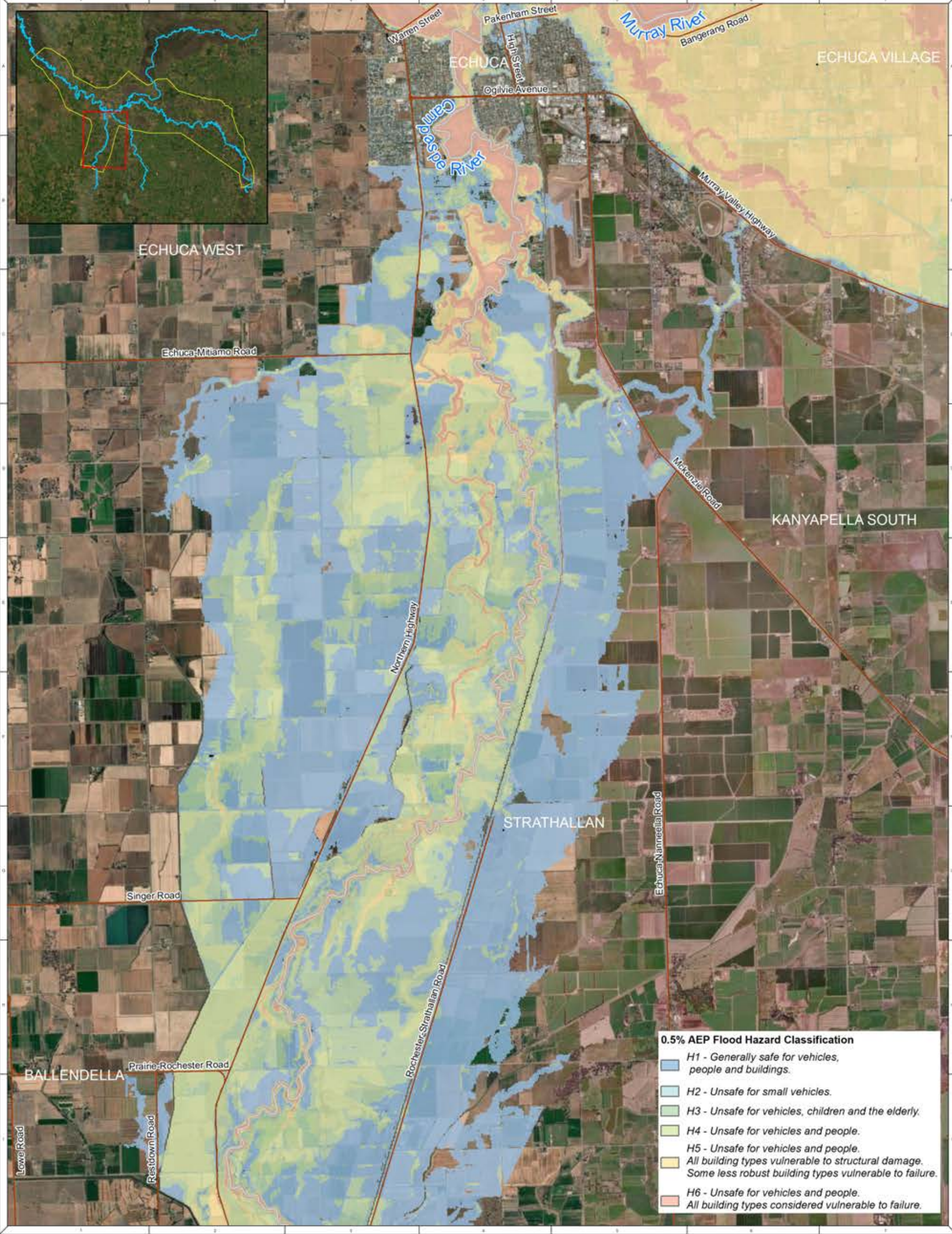
Map139 - 0.2% AEP Flood VxD (Campaspe)

Echuca-Moama-Torrumbarry Flood Study

REFERENCE: []

DATE: []

PROJECT: []



0.5% AEP Flood Hazard Classification

- H1 - Generally safe for vehicles, people and buildings.
- H2 - Unsafe for small vehicles.
- H3 - Unsafe for vehicles, children and the elderly.
- H4 - Unsafe for vehicles and people.
- H5 - Unsafe for vehicles and people.
- H6 - Unsafe for vehicles and people.
- H7 - All building types vulnerable to structural damage. Some less robust building types vulnerable to failure.
- H8 - All building types considered vulnerable to failure.

NOTE: Inundation patterns and/or peak flood levels shown for design events are based on best available estimates of flood behaviour. Actual inundation patterns may vary slightly during an event. Flood levels are therefore approximate only and require further detailed assessment by a suitably qualified engineer to determine flooding behaviour in individual allotments. Model accuracy is assumed to be within ± 0.2 m.

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Contains Vicmap Information © State of Victoria 2020

LEGEND

- Roads
- Cadastre
- River

0 0.5 1 2 Kilometers

1:61,500 at A3

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WATER TECHNOLOGY

Map 140 - 0.2% AEP Flood Hazard (Campaspe)

Echuca-Moama-Torrumbarry Flood Study