FIGURE C1A
PEAK FLOOD DEPTHS AND LEVELS
PATERNSON RIVER CATCHMENT
VACY TO TOCAL
20% AEP EVENT

Peak Flood Levels (mAHD)
Study Area
Depth (m)
0 - 1
1.0 - 2.5
2.5 - 5.0
5.0 - 10
> 10
FIGURE C1B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
20% AEP EVENT
FIGURE C2A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
10% AEP EVENT

Peak Flood Levels (mAHD)

Depth (m)

0 - 1
1.0 - 2.5
2.5 - 5.0
5.0 - 10
> 10
FIGURE C2B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
10% AEP EVENT

Peak Flood Levels (mAHD)

- Study Area
- Hunter 10% AEP Flood Extent

Depth (m)
- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

Km

0 0.5 1 1.5 2 2.5 3 3.5 4
FIGURE C3B
PEAK FLOOD DEPTHS AND LEVELS
PATERNER RIVER CATCHMENT
TOCAL TO HINTON
5% AEP EVENT

Peak Flood Levels (mAHD)

Study Area

Hunter 5% AEP Flood Extent

Depth (m)

- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC03B_PeakFloodDepthsLevels_020yr_Event.mxd
FIGURE C4A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
2% AEP EVENT

Peak Flood Levels (mAHD)
Study Area
Depth (m)
- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

Km
FIGURE C5A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
1% AEP EVENT
FIGURE C5B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
1% AEP EVENT

Peak Flood Levels (mAHD)

Study Area

Hunter 1% AEP Flood Extent

Depth (m)

- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

Km

0 0.5 1 1.5 2 2.5 3 3.5 4
FIGURE C6A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
0.5% AEP EVENT

Peak Flood Levels (mAHD)
Study Area
Depth (m)

- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

[Map showing peak flood depths and levels in the Paterson River catchment, with various depth levels indicated across the catchment area.]
FIGURE C6B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
0.5% AEP EVENT

Peak Flood Depths (mAHD)

Study Area

Hunter 0.5% AEP Flood Extent

Depth (m)

- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC06B_PeakFloodDepthsLevels_200yr_Event.mxd
FIGURE C7A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
0.2% AEP EVENT
FIGURE C7B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
0.2% AEP EVENT

Peak Flood Levels (mAHD)

Study Area

Hunter 0.2% AEP Flood Extent

Depth (m)

0 - 1
1.0 - 2.5
2.5 - 5.0
5.0 - 10
> 10

Km

0 0.5 1 1.5 2 2.5 3 3.5 4
FIGURE C8A
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
VACY TO TOCAL
PMF EVENT

Peak Flood Levels (mAH0)
Study Area
Depth (m)
0 - 1
1.0 - 2.5
2.5 - 5.0
5.0 - 10
> 10
FIGURE C8B
PEAK FLOOD DEPTHS AND LEVELS
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
PMF EVENT

Peak Flood Levels (mAAHD)
Study Area
Hunter PMF Flood Extent

Depth (m)
- 0 - 1
- 1.0 - 2.5
- 2.5 - 5.0
- 5.0 - 10
- > 10

0 0.5 1 1.5 2 2.5 3 3.5 4
Km

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC08B_PeakFloodDepthsLevels_PMF_Event.mxd
FIGURE C9A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACy TO TOCAL
20% AEP EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

km
0 0.5 1 1.5 2 2.5 3 3.5 4
Study Area

Velocity (m/s)

0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

FIGURE C9B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
20% AEP EVENT

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC09B_Velocities_005yr_Event.mxd
FIGURE C10A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
10% AEP EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00
Study Area

Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

FIGURE C10B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
10% AEP EVENT

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC10B_Velocities_010yr_Event.mxd
FIGURE C11A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
5% AEP EVENT
FIGURE C11B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON 5% AEP EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

0 0.5 1 1.5 2 2.5 3 3.5 4
Km

0 5
Km
FIGURE C12A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
2% AEP EVENT

Study Area

Velocity (m/s)

- 0 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Km
FIGURE C13A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
1% AEP EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC13A_Velocities_100yr_Event.mxd
FIGURE C13B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
1% AEP EVENT
FIGURE C14A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
0.5% AEP EVENT

Study Area

Velocity (m/s)

0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

Km

0 0.5 1 1.5 2 2.5 3 3.5 4
FIGURE C14B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
0.5% AEP EVENT
FIGURE C15A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
0.2% AEP EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

Km
0 0.5 1 1.5 2 2.5 3 3.5 4
Study Area

Velocity (m/s)

0 - 0.25

0.25 - 0.50

0.50 - 1.00

1.00 - 1.50

1.50 - 2.00

> 2.00

FIGURE C15B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
0.2% AEP EVENT

Study Area

Velocity (m/s)

0 - 0.25

0.25 - 0.50

0.50 - 1.00

1.00 - 1.50

1.50 - 2.00

> 2.00

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC15B_Velocities_500yr_Event.mxd
FIGURE C16A
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
VACY TO TOCAL
PMF EVENT

Study Area
Velocity (m/s)
0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC16A_Velocities_PMF_Event.mxd
Study Area

Velocity (m/s)

0 - 0.25
0.25 - 0.50
0.50 - 1.00
1.00 - 1.50
1.50 - 2.00
> 2.00

FIGURE C16B
PEAK VELOCITIES
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
PMF EVENT

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC16B_Velocities_PMF_Event.mxd
Study Area

Provisional Hydraulic Hazard

Low Hazard

High Hazard

01234 0.5

Km

FIGURE C17A

PROVISIONAL HYDRAULIC HAZARD
PATERSON RIVER CATCHMENT
VACY TO TOCAL
5% AEP EVENT

J:\Jobs\114084\Arc\ArcMaps\AppendixC\FigureC17A_Provisional_Hydraulic_Hazard_020yr_Event.mxd
FIGURE C17B
PROVISIONAL HYDRAULIC HAZARD
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
5% AEP EVENT

Study Area
Provisional Hydraulic Hazard

Low Hazard
High Hazard

Km
0 0.5 1 1.5 2 2.5 3 3.5 4
FIGURE C18B
PROVISIONAL HYDRAULIC HAZARD
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
1% AEP EVENT

Study Area
Provisional Hydraulic Hazard
Low Hazard
High Hazard
FIGURE C19A
PROVISIONAL HYDRAULIC HAZARD
PATERSON RIVER CATCHMENT
VACY TO TOCAL
PMF EVENT
FIGURE C19B
PROVISIONAL HYDRAULIC HAZARD
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
PMF EVENT

Study Area
Provisional Hydraulic Hazard
- Low Hazard
- High Hazard
FIGURE C20A
PROVISIONAL HYDRAULIC CATEGORISATION
PATERSON RIVER CATCHMENT
VACY TO TOCAL
5% AEP EVENT
FIGURE C20B
PROVISIONAL HYDRAULIC CATEGORISATION
PATERSON RIVER CATCHMENT
TOCAL TO HINTON
5% AEP EVENT

Study Area
Category
Floodway
Flood Storage
Flood Fringe
Study Area
Category
Floodway
Flood Storage
Flood Fringe

FIGURE C22A
PROVISIONAL HYDRAULIC CATEGORISATION
PATERSON RIVER CATCHMENT
VACY TO TOCAL
PMF EVENT
FIGURE C23A
PRELIMINARY FLOOD PLANNING AREA
PATERSON RIVER CATCHMENT
VACY TO TOCAL
FIGURE C23B
PRELIMINARY FLOOD PLANNING AREA
PATERSON RIVER CATCHMENT
TOCAL TO HINTON

Study Area
Preliminary Flood Planning Area

Km
**FIGURE C24**

**PATERSON RIVER LEVEL PROFILE**

5%, 1% AEP EVENT AND PMF