

Legend

Site Boundary

0.8 - 1.0

Dunheved Precinct

1.0 - 1.5

Central Precinct

>1.5

Peak Velocity (m/s)

< 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

Velocity Vectors (m/s)

Less than 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

0.6 - 0.8

0.8 - 1.0

Greater than 1

0 100 200 400 600 800 1,000 Meters
Scale in A3

Figure B-4: Peak Flood Velocity

1% AEP Regional Tailwater

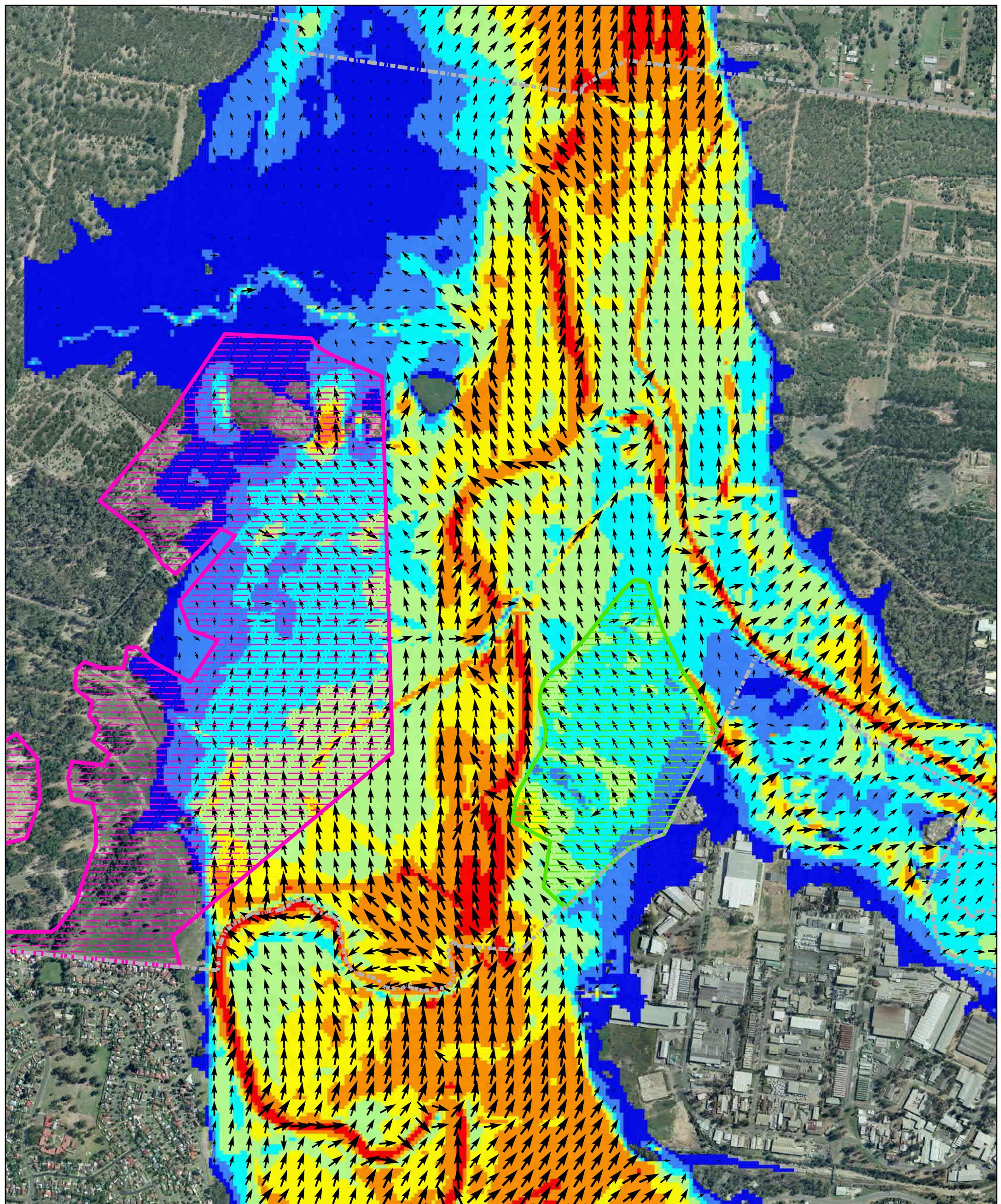
Existing Conditions - E061

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Legend

- Site Boundary
- Dunheved Precinct
- Central Precinct

Peak Velocity (m/s)

< 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 0.8

Velocity Vectors (m/s)

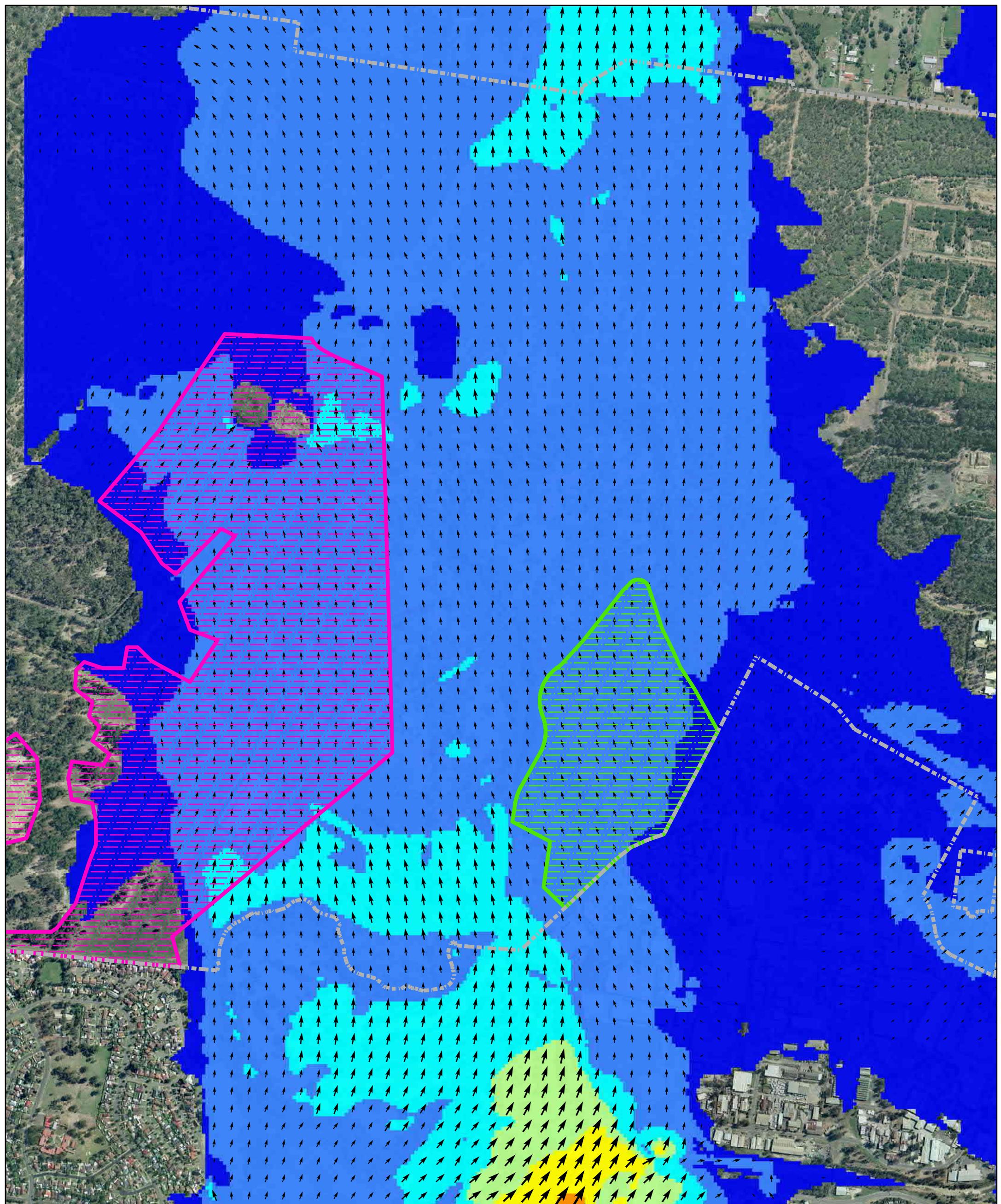
Less than 0.2	↓	0.6 - 0.8
↓	0.2 - 0.4	↓
↓	0.4 - 0.6	↓
↓	>1.5	Greater than 1

0 100 200 400 600 800 1,000 Meters
Scale in A3

**Figure B-5: Peak Flood Velocity
Probable Maximum Flood Local Tailwater
Existing Conditions - E061**

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Legend

- Site Boundary
- Dunheved Precinct
- Central Precinct

Peak Velocity (m/s)

< 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 0.8

Velocity Vectors (m/s)

↓ 0.8 - 1.0	↓ 0.6 - 0.8
↑ Less than 0.2	↓ 0.8 - 1.0
↓ 0.2 - 0.4	↓ Greater than 1
↓ 0.4 - 0.6	

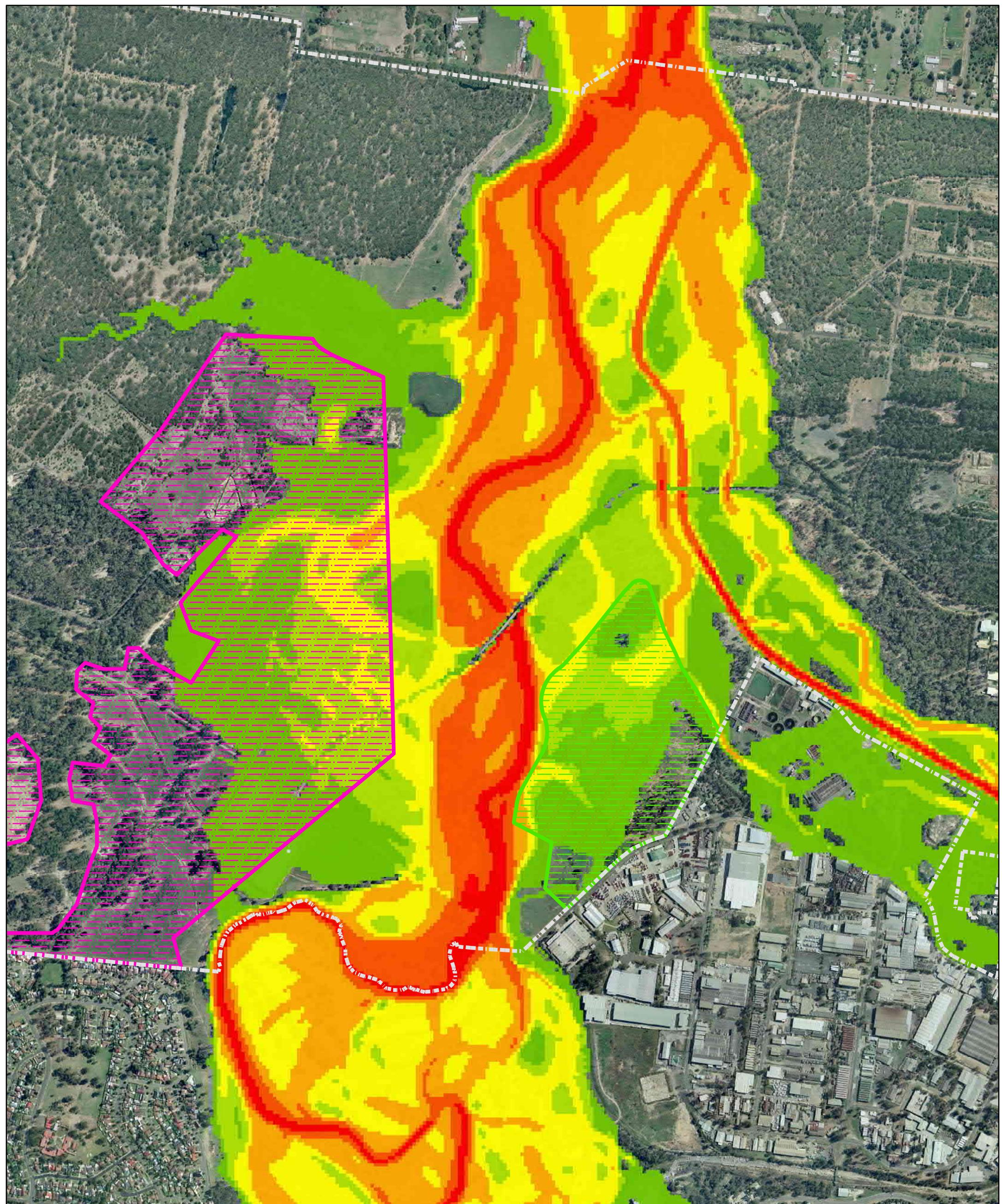
**Figure B-6: Peak Flood Velocity
Probable Maximum Flood Regional Tailwater
Existing Conditions - E061**

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0 100 200 400 600 800 1,000 Meters
Scale in A3

Appendix C. Flow Intensity (Velocity Depth Product) mapping



Legend

- | | |
|-------------------|-------|
| Site Boundary | 1 - 2 |
| Dunheved Precinct | 2 - 5 |
| Central Precinct | >5 |

Velocity Depth Product (m²/s)

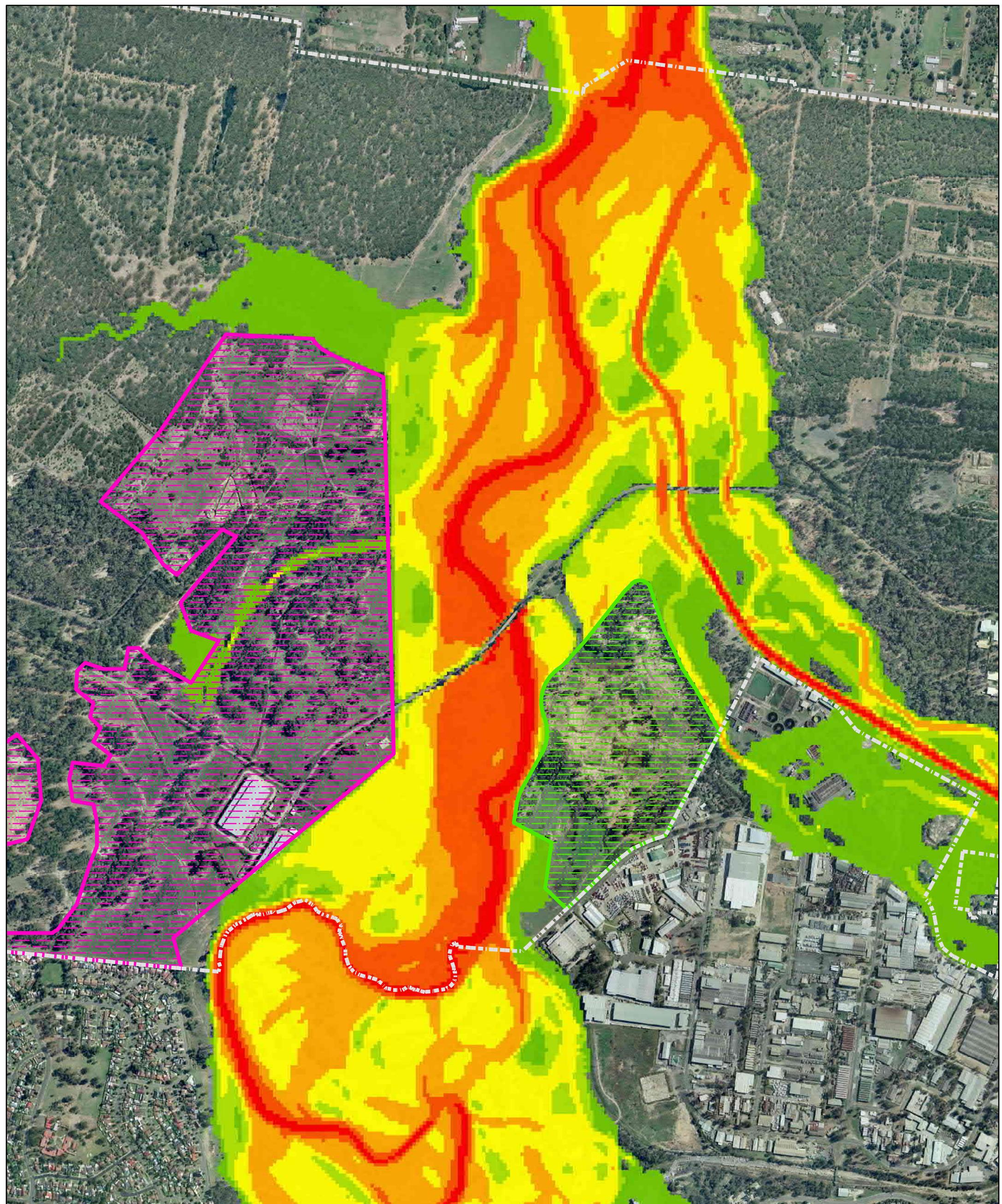
0
<0.3
0.3 - 0.5
0.5 - 1

Figure C-1: Flow Intensity (Velocity-Depth Product)
1% AEP Regional Tailwater
Existing Conditions - E061

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0 100 200 400 600 800 1,000 Meters
 Scale in A3



Legend

Site Boundary		1 - 2
Dunheved Precinct		2 - 5
Central Precinct		>5

Velocity Depth Product (m²/s)

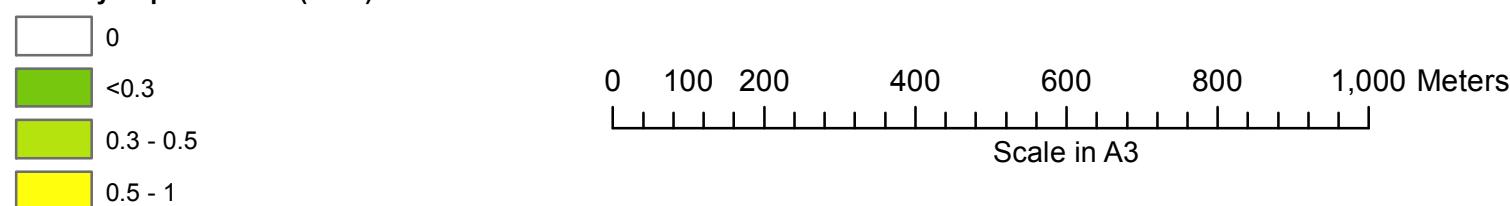


Figure C-2: Flow Intensity (Velocity-Depth Product)

1% AEP Regional Tailwater

Developed Conditions - D209

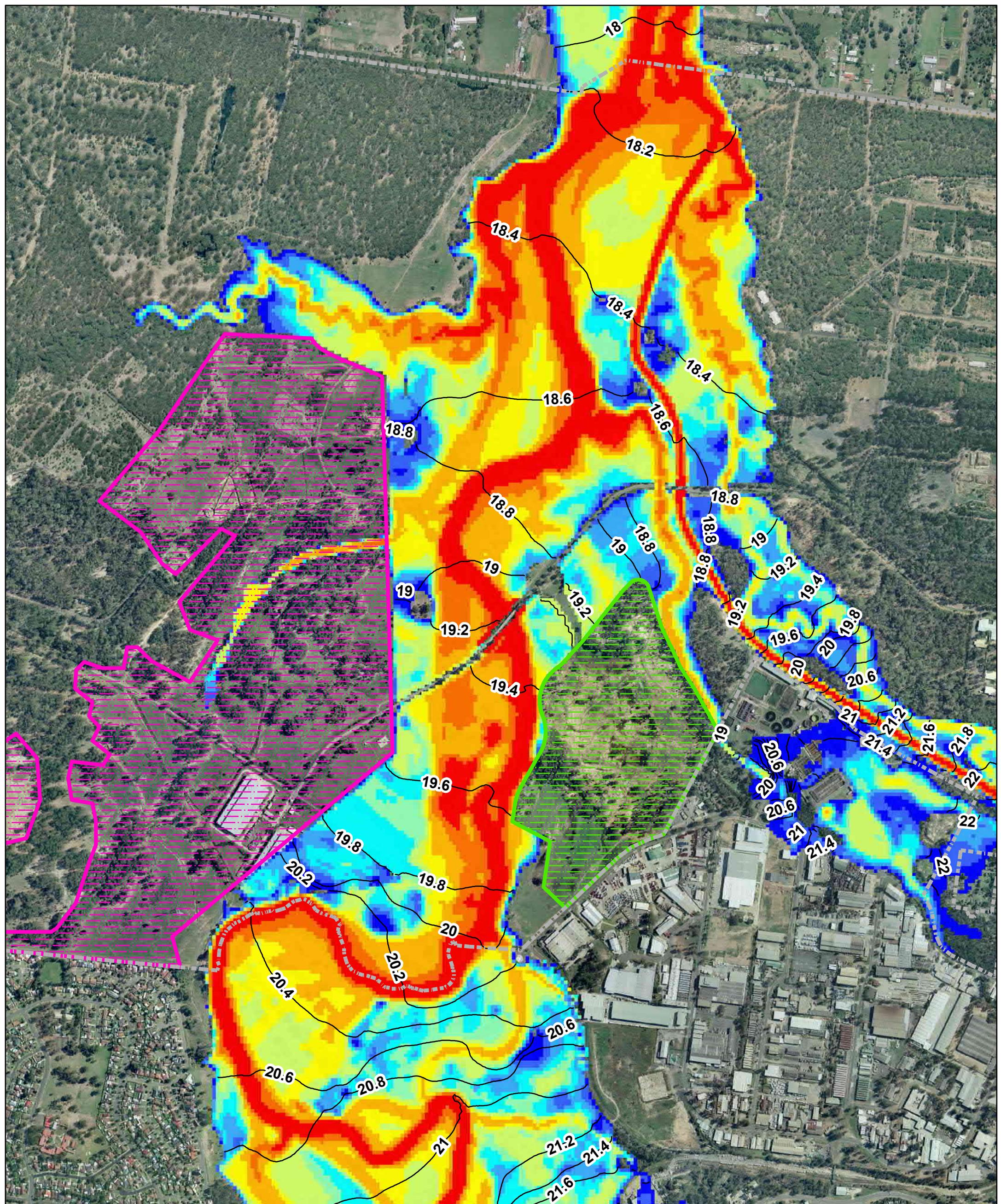
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Appendix D. Developed case flood mapping



Legend

Site Boundary		0.6 - 0.8
Dunheved Precinct		0.8 - 1.0
Central Precinct		1.0 - 1.5
Flood Contour (mAHD)		1.5 - 2.0
Peak Flood Depth (m)		
< 0.2		2.0 - 3.0
0.2 - 0.4		3.0 - 4.0
0.4 - 0.6		> 4.0

Figure D-1: Peak Flood Inundation

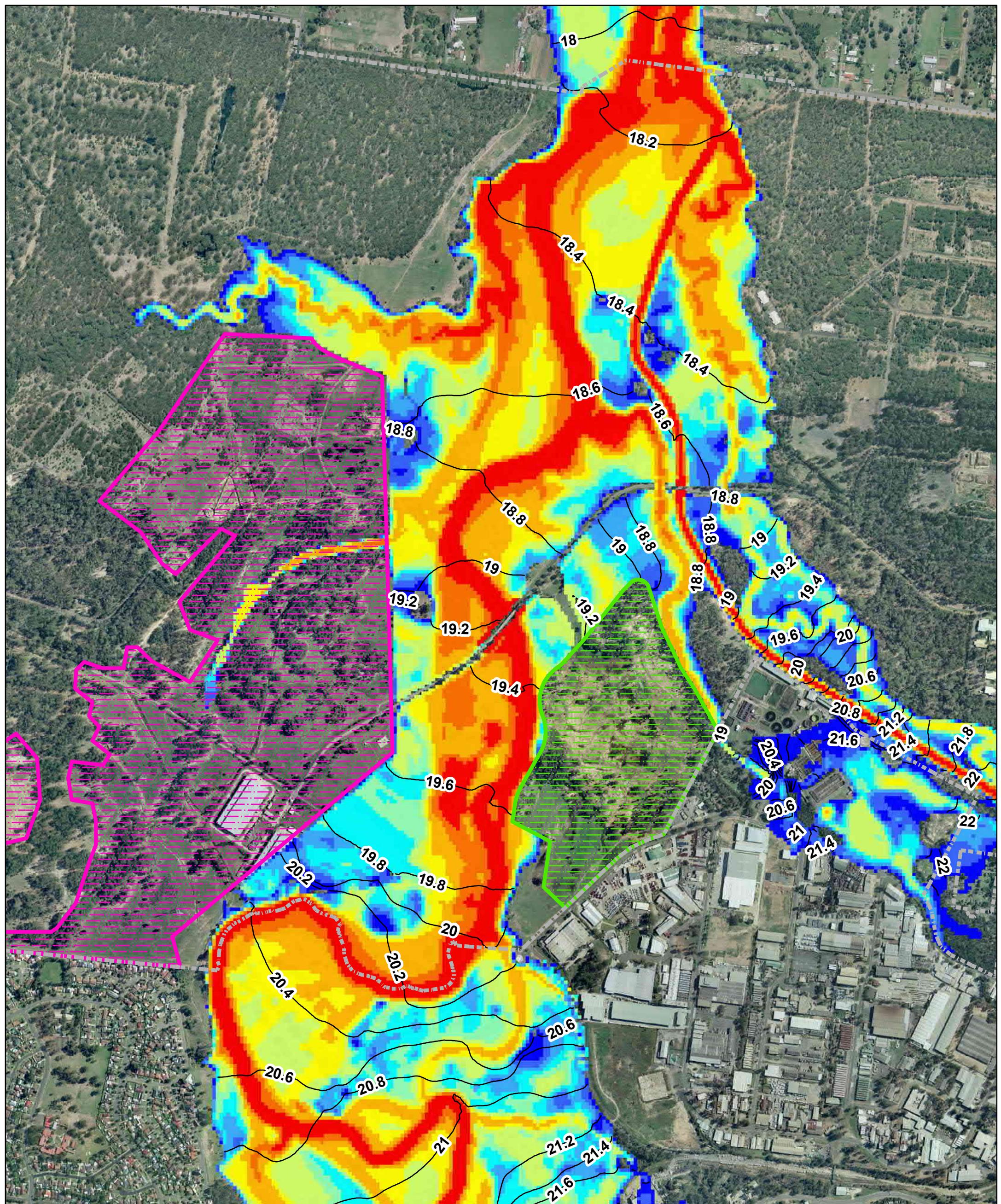
5% AEP Local Tailwater

Jacobs Model D209

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0 100 200 300 400 500 600 700 800 1,000 Meters
Scale in A3



Legend

Site Boundary		0.6 - 0.8
Dunheved Precinct		0.8 - 1.0
Central Precinct		1.0 - 1.5
Flood Contour (mAHD)		1.5 - 2.0
Peak Flood Depth (m)		
< 0.2		2.0 - 3.0
0.2 - 0.4		3.0 - 4.0
0.4 - 0.6		> 4.0

Figure D-2: Peak Flood Inundation

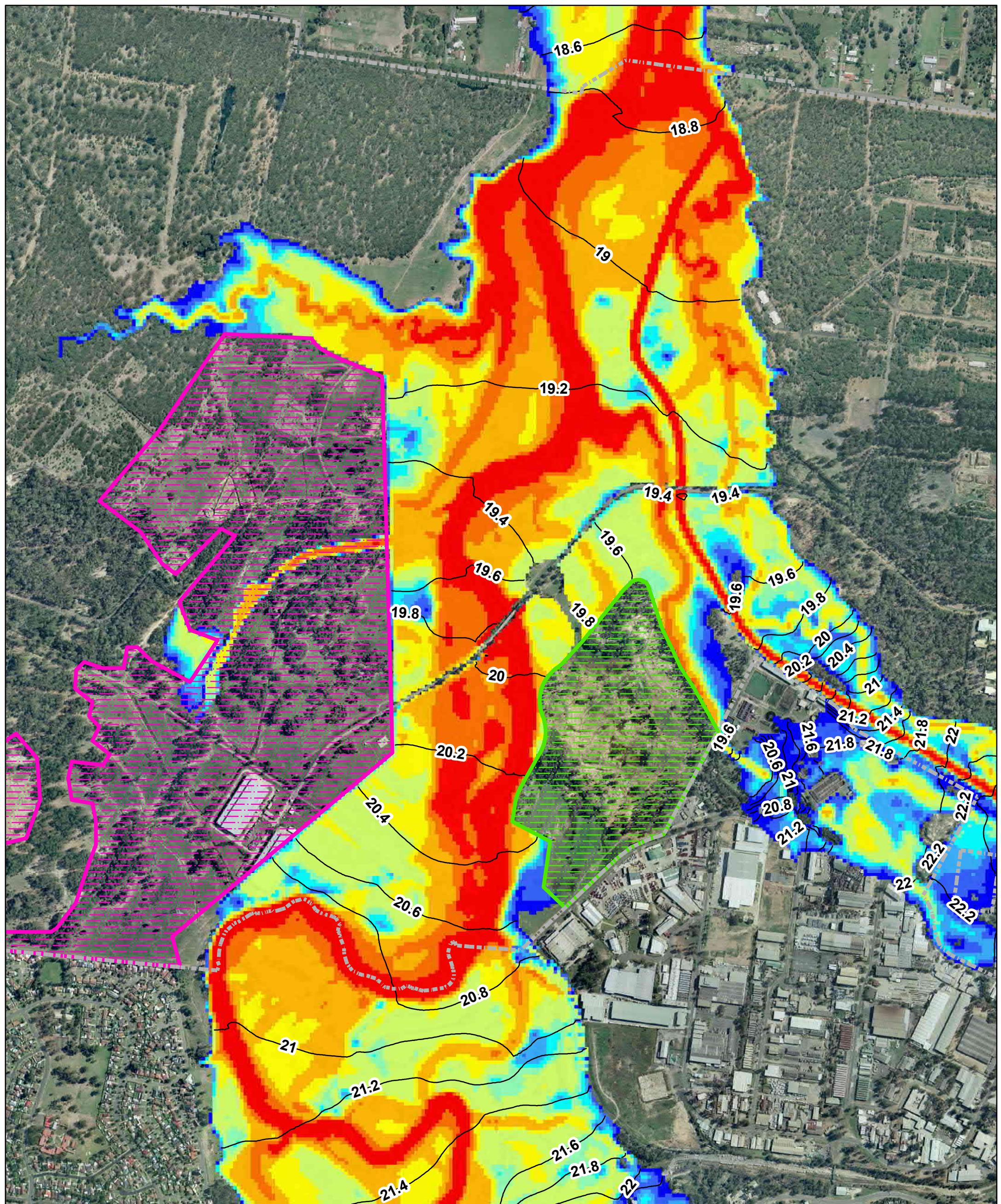
5% AEP Regional Tailwater

Jacobs Model D209

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0 100 200 300 400 500 600 700 800 1,000 Meters
Scale in A3



Legend

Site Boundary		0.6 - 0.8
Dunheved Precinct		0.8 - 1.0
Central Precinct		1.0 - 1.5
Flood Contour (mAHD)		1.5 - 2.0
Peak Flood Depth (m)		
< 0.2		2.0 - 3.0
0.2 - 0.4		3.0 - 4.0
0.4 - 0.6		> 4.0

Figure D-3: Peak Flood Inundation

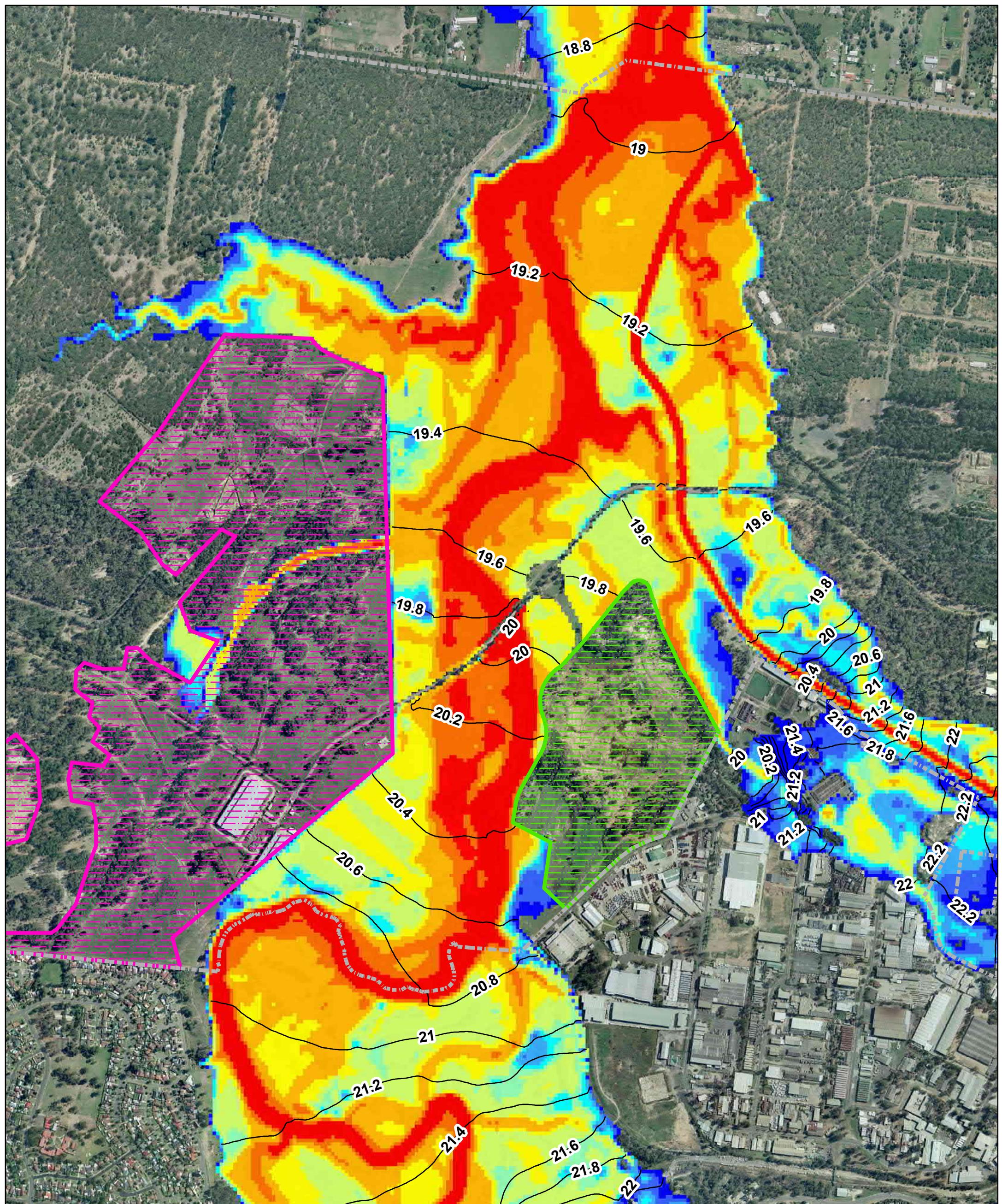
1% AEP Local Tailwater

Jacobs Model D209

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Job No: EN04189
Last Modified: 20/07/2015
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0 100 200 300 400 500 600 700 800 1,000 Meters
Scale in A3



Legend

Site Boundary	0.6 - 0.8
Dunheved Precinct	0.8 - 1.0
Central Precinct	1.0 - 1.5
Flood Contour (mAHD)	1.5 - 2.0
Peak Flood Depth (m)	2.0 - 3.0
< 0.2	3.0 - 4.0
0.2 - 0.4	> 4.0
0.4 - 0.6	

Figure D-4: Peak Flood Inundation

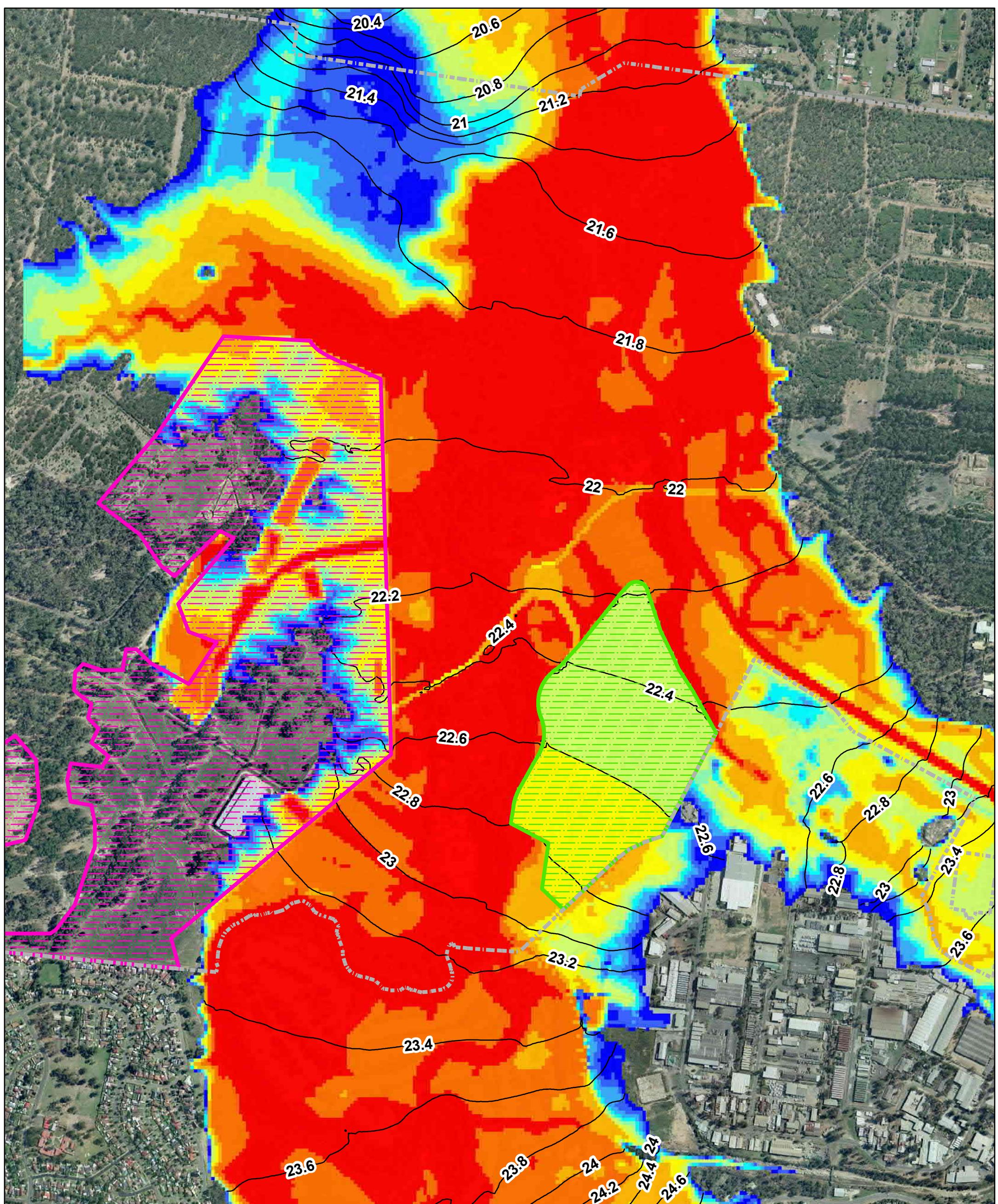
1% AEP Regional Tailwater

Jacobs Model D209

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0 100 200 300 400 500 600 700 800 1,000 Meters
Scale in A3



Legend

Site Boundary		0.6 - 0.8
Dunheved Precinct		0.8 - 1.0
Central Precinct		1.0 - 1.5
Flood Contour (mAHD)		1.5 - 2.0
Peak Flood Depth (m)		
< 0.2		2.0 - 3.0
0.2 - 0.4		3.0 - 4.0
0.4 - 0.6		> 4.0

**Figure D-5: Peak Flood Inundation
Probable Maximum Flood Local Tailwater
Jacobs Model D209**

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Job No: EN04189
Last Modified: 20/07/2015
By: S Watt

0 100 200 400 600 800 1,000 Meters
Scale in A3