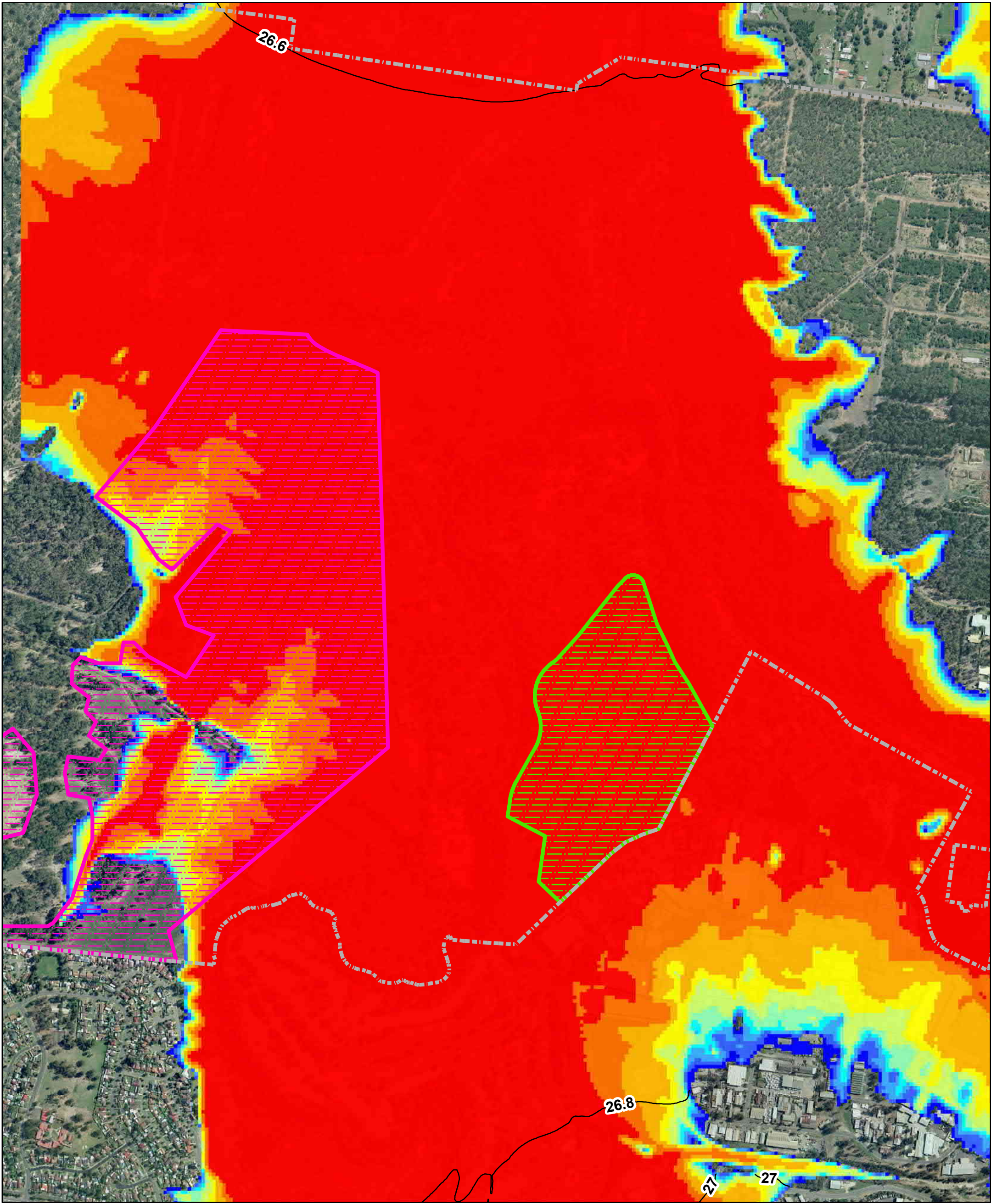
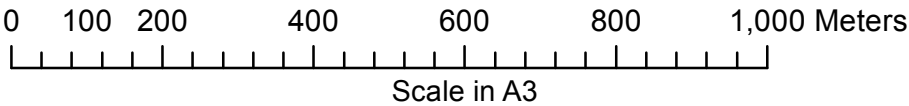




Legend

- | | |
|-----------------------------|-----------|
| --- 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 | |

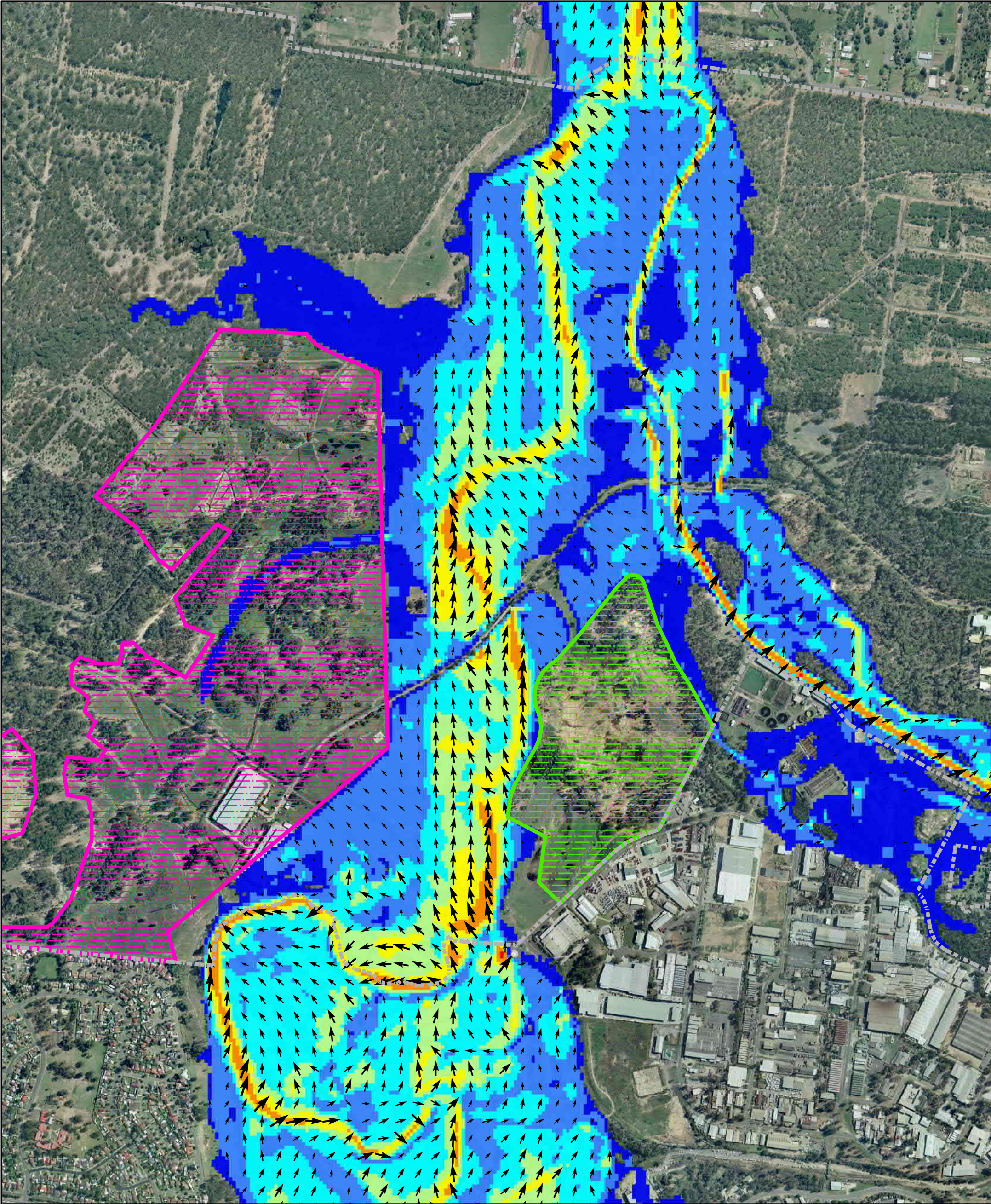


**Figure D-6: Peak Flood Inundation
Probable Maximum Flood Regional Tailwater
Jacobs Model D209**

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Appendix E. Developed case velocity mapping



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

0.8 - 1.0

1.0 - 1.5

>1.5

Velocity Vectors (m/s)

Less than 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

0.8 - 1.0

Greater than 1

Figure E-1: Peak Flood Velocity
5% AEP Local Tailwater
Jacobs Model D209

0

100

200

400

600

800

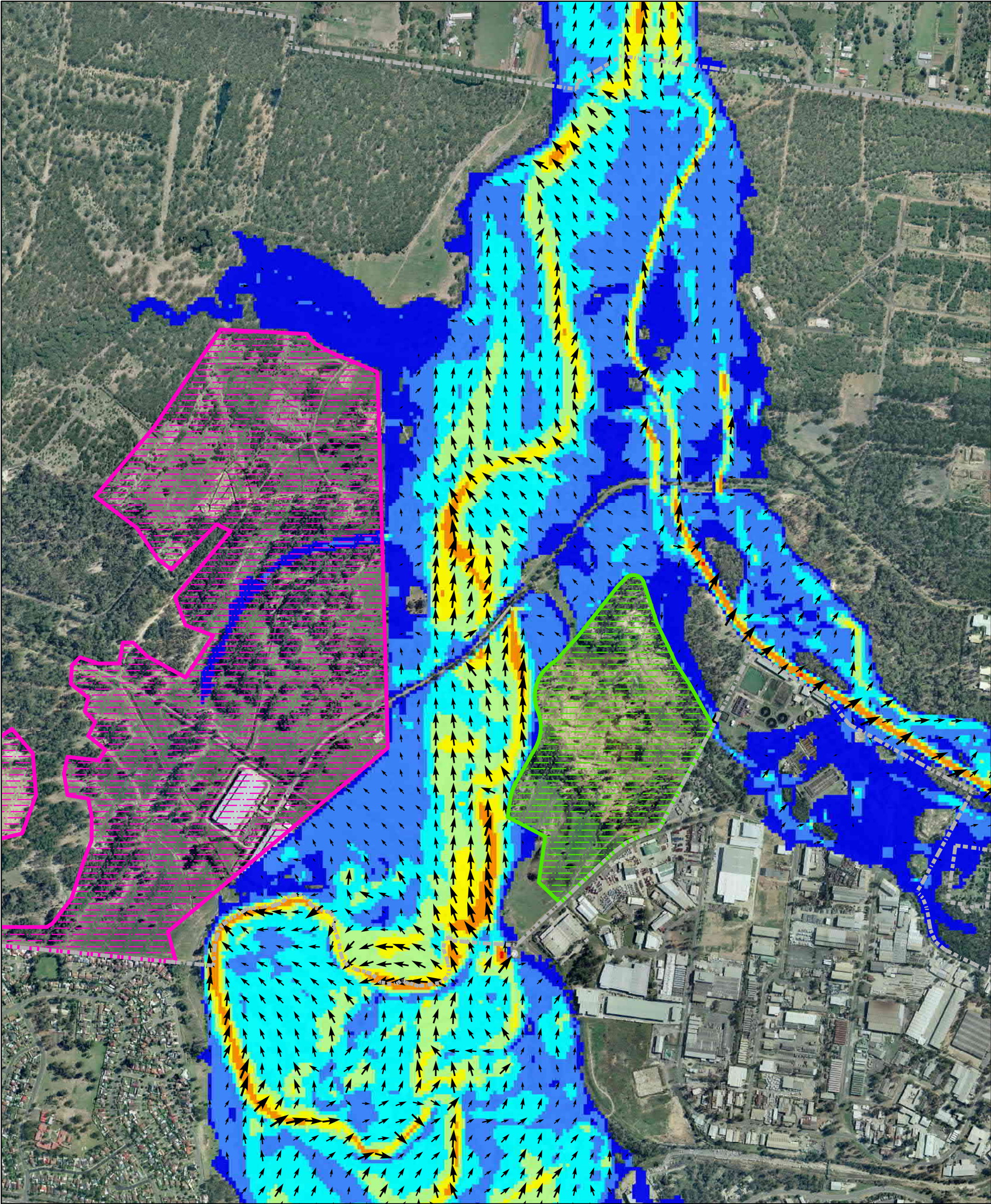
1,000

Meters

Scale in A3

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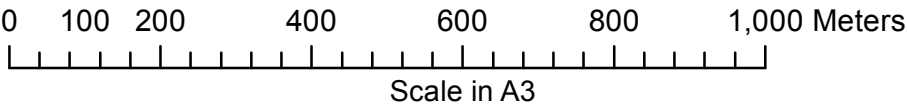
Legend

- Site Boundary
 - Dunheved Precinct
 - Central Precinct
- | |
|-----------|
| 0.8 - 1.0 |
| 1.0 - 1.5 |
| >1.5 |

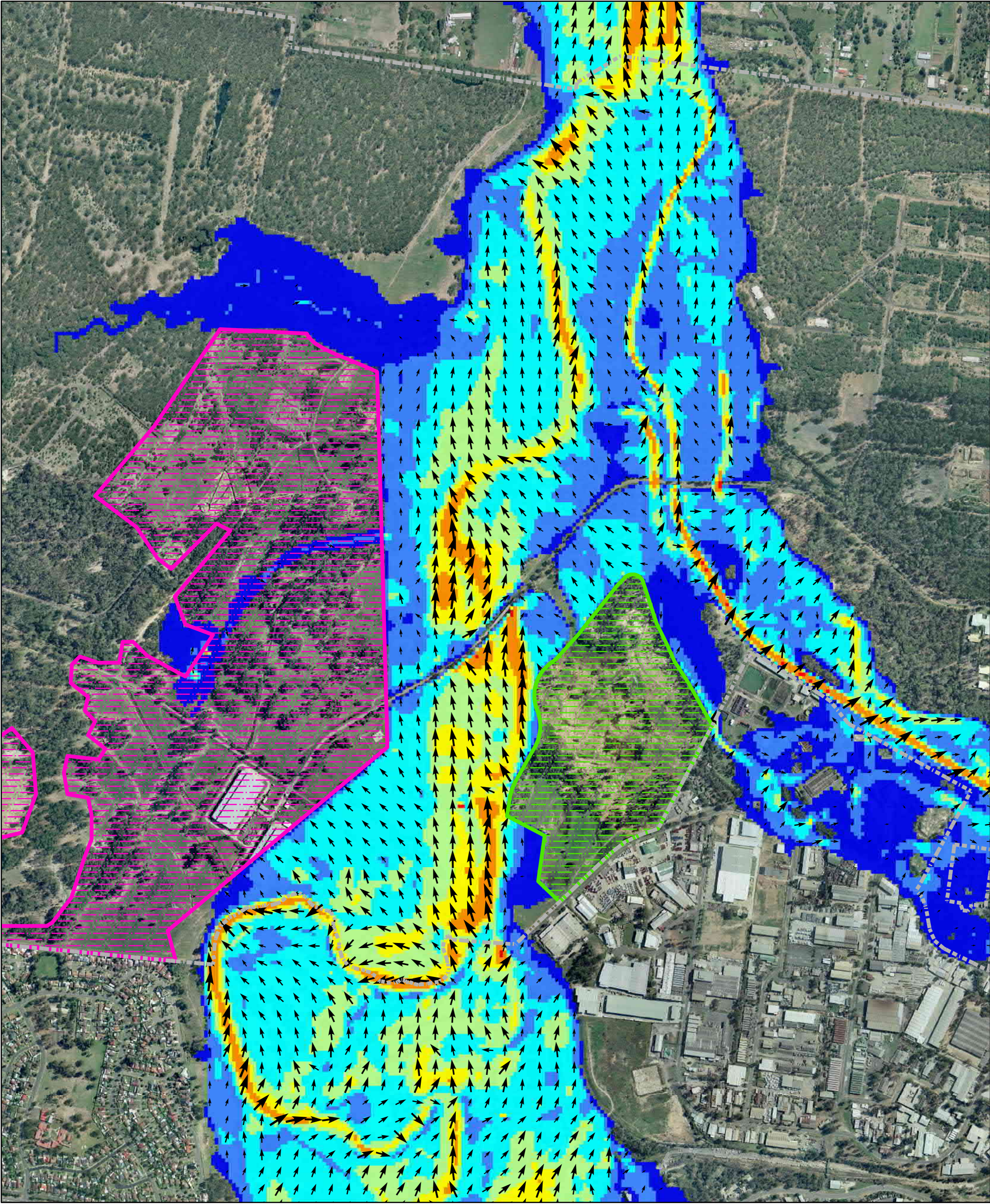
Peak Velocity (m/s)

- < 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
 - 0.8 - 1.0
 - Greater than 1



**Figure E-2: Peak Flood Velocity
5% AEP Regional Tailwater
Jacobs Model D209**



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

0.8 - 1.0

1.0 - 1.5

>1.5

Velocity Vectors (m/s)

Less than 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

0.8 - 1.0

Greater than 1

01002004006008001,000 Meters

Scale in A3

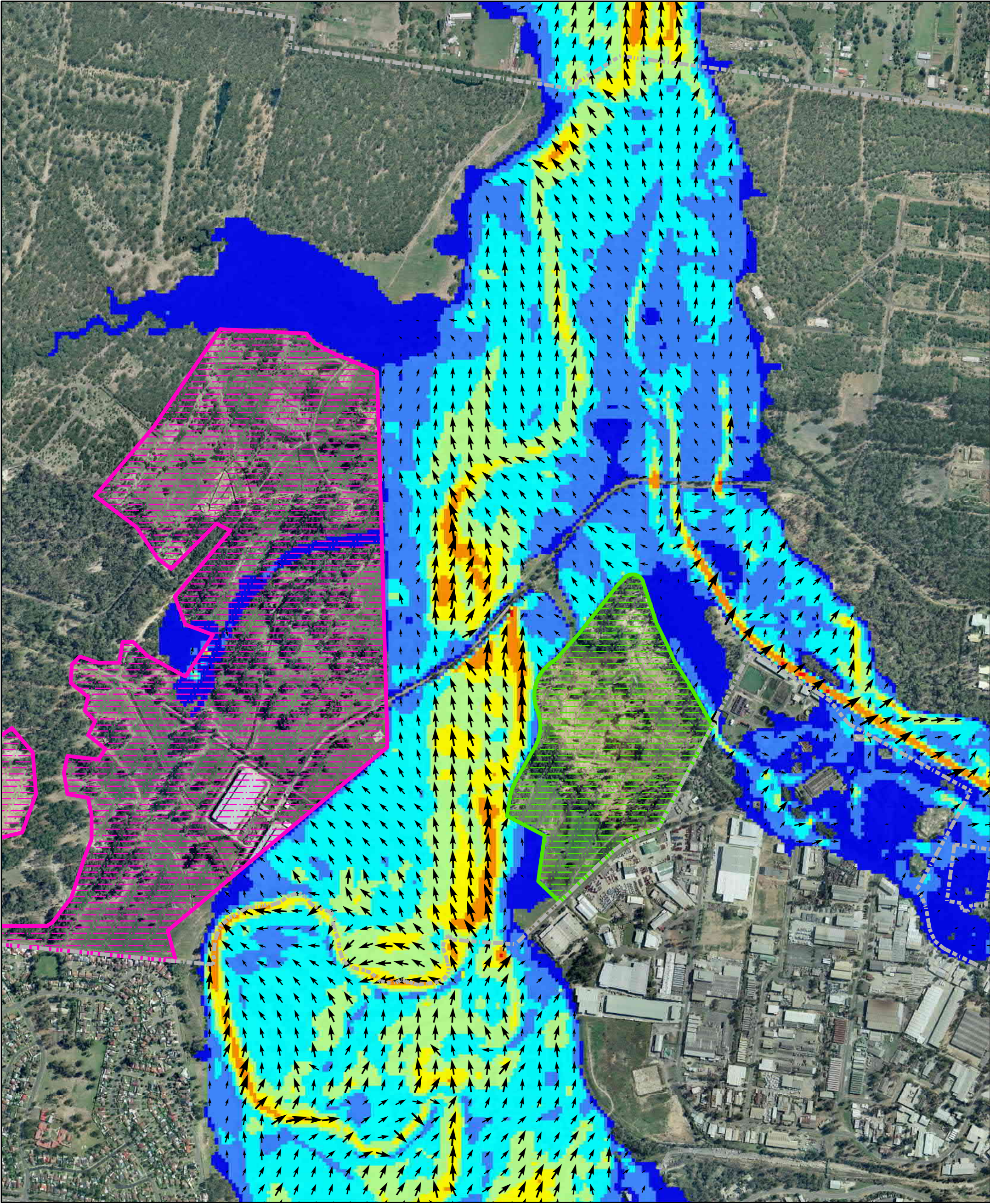
Figure E-3: Peak Flood Velocity
1% AEP Local Tailwater
Jacobs Model D209

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Last Modified: 20/07/2015

By: S Watt



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

0.8 - 1.0

1.0 - 1.5

>1.5

Velocity Vectors (m/s)

Less than 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

0.8 - 1.0

Greater than 1

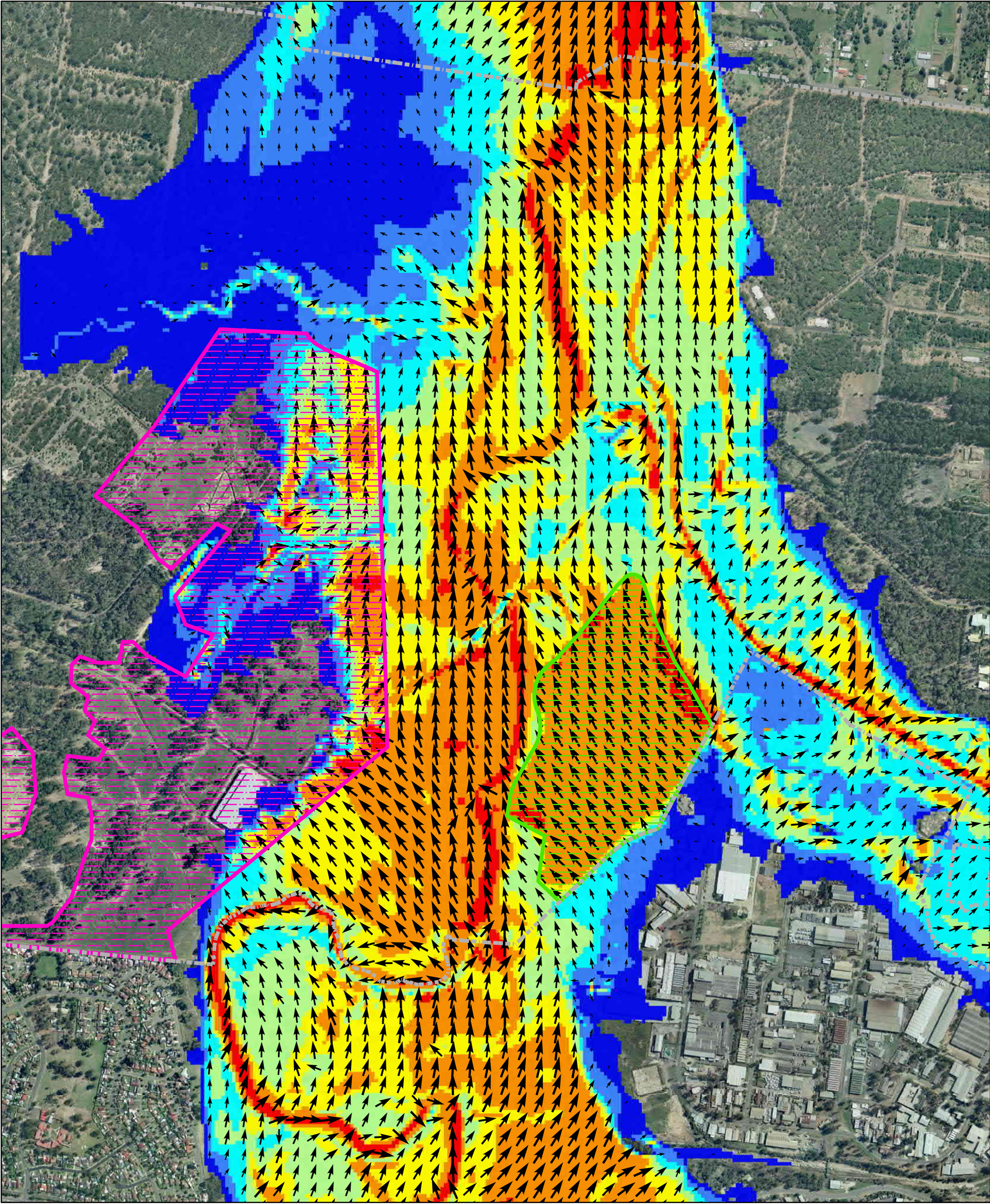
Figure E-4: Peak Flood Velocity
1% AEP Regional Tailwater
Jacobs Model D209

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

01002004006008001,000 Meters

Scale in A3



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
 - 0.8 - 1.0
 - 1.0 - 1.5
 - >1.5

- Velocity Vectors (m/s)**
- Less than 0.2
 - 0.2 - 0.4
 - 0.4 - 0.6
 - 0.6 - 0.8
 - 0.8 - 1.0
 - Greater than 1

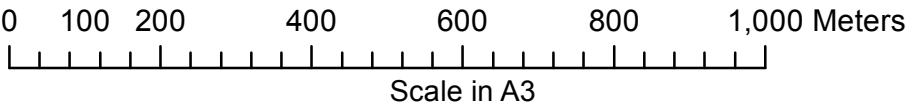
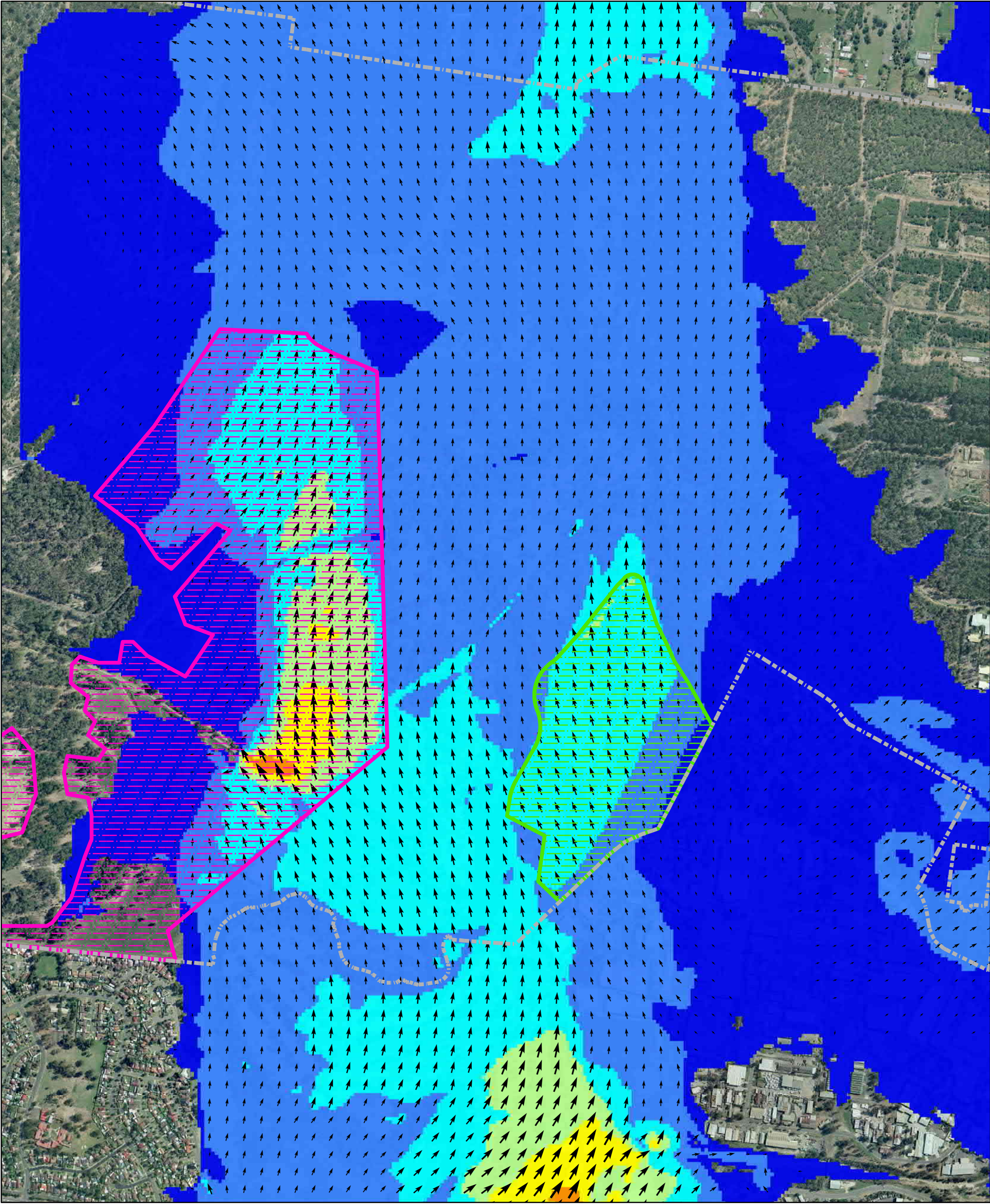


Figure E-5: Peak Flood Velocity
Probable Maximum Flood Local Tailwater
Jacobs Model D209



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

0.8 - 1.0

1.0 - 1.5

>1.5

Velocity Vectors (m/s)

Less than 0.2

0.2 - 0.4

0.4 - 0.6

0.6 - 0.8

0.8 - 1.0

Greater than 1

01002004006008001,000 Meters

Scale in A3

Figure E-6: Peak Flood Velocity
Probable Maximum Flood Regional Tailwater
Jacobs Model D209

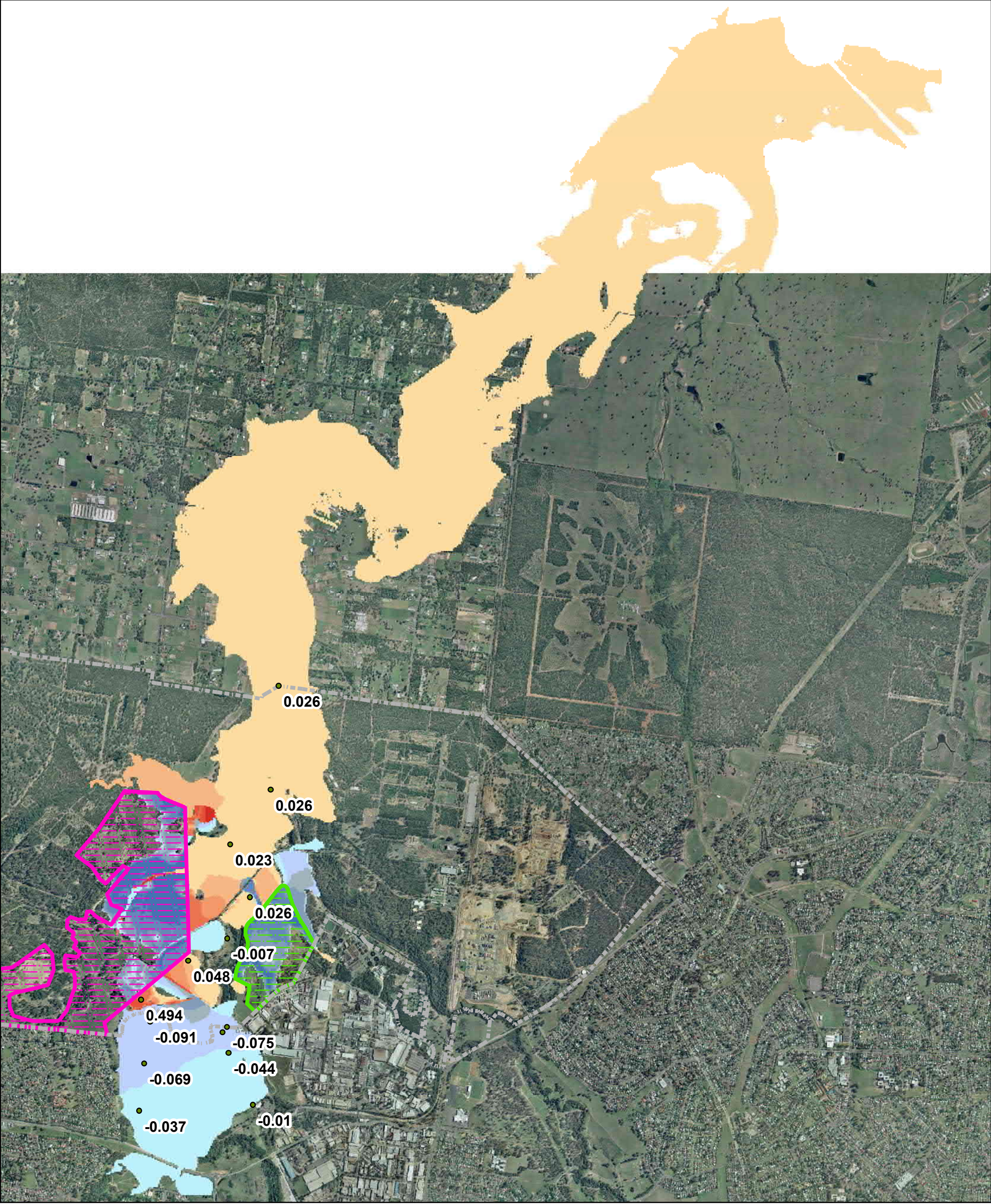
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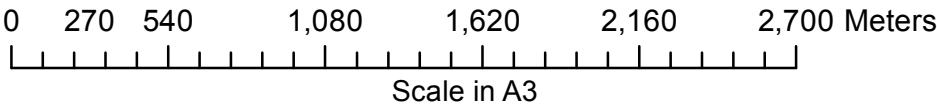
Appendix F. Developed case impact maps

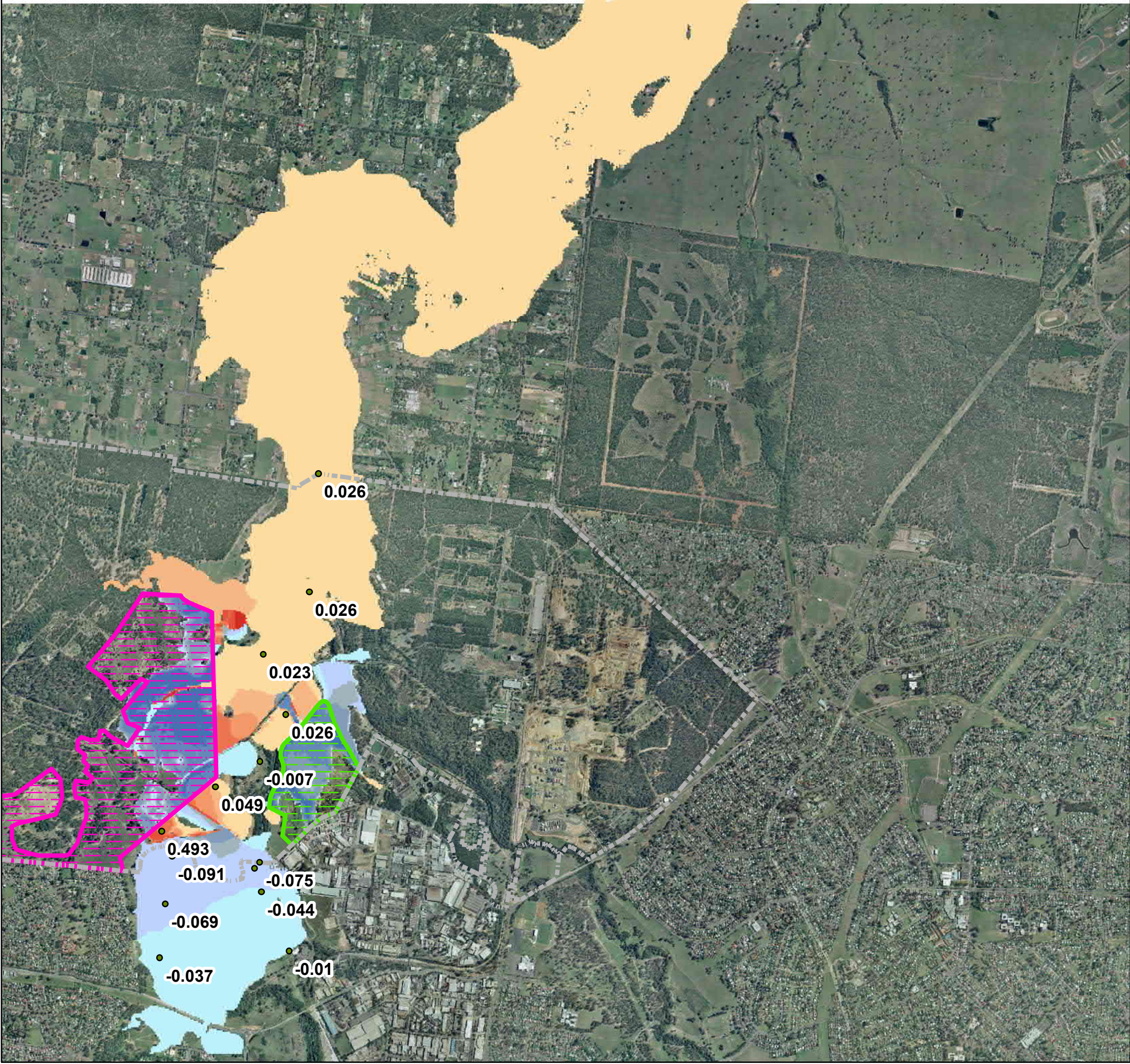


Legend

● Spot Impacts (m)	-0.05 - -0.01
--- Site Boundary	-0.01 - 0.01
Dunheved Precinct	0.01 - 0.05
Central Precinct	0.05 - 0.10
Afflux (m)	0.10 - 0.20
< -1.00	0.20 - 0.50
-1.00 - -0.50	0.50 - 1.00
-0.50 - -0.20	> 1.00
-0.20 - -0.10	
-0.10 - -0.05	

**Figure F-1: Change in Water Surface Level
5% AEP Local Tailwater
Jacobs Model D209**

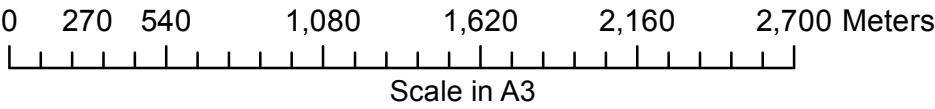


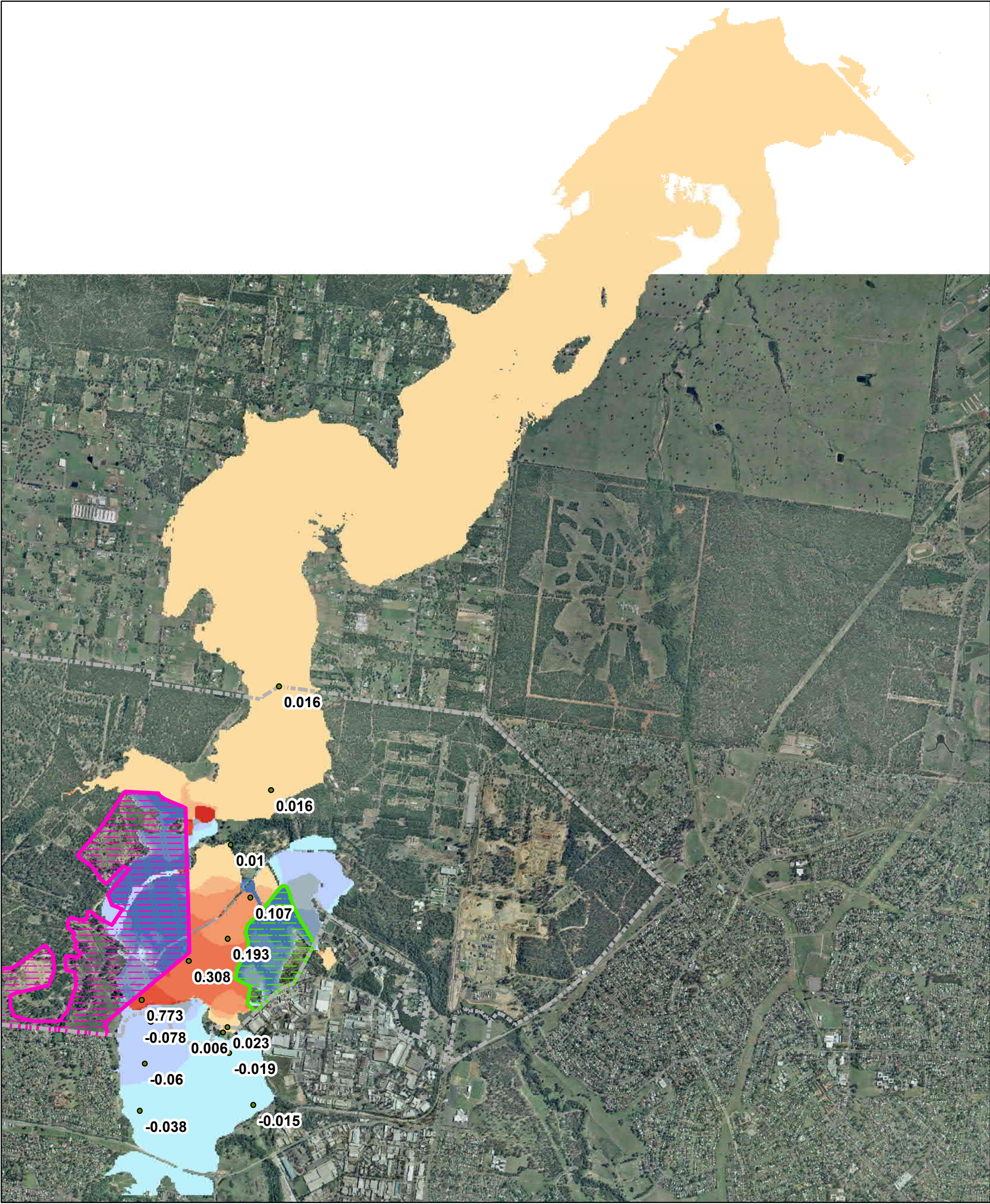


Legend

● Spot Impacts (m)	-0.05 - -0.01
--- Site Boundary	-0.01 - 0.01
Dunheved Precinct	0.01 - 0.05
Central Precinct	0.05 - 0.10
Afflux (m)	0.10 - 0.20
< -1.00	0.20 - 0.50
-1.00 - -0.50	0.50 - 1.00
-0.50 - -0.20	> 1.00
-0.20 - -0.10	
-0.10 - -0.05	

**Figure F-2: Change in Water Surface Level
5% AEP Regional Tailwater
Jacobs Model D209**





Legend

● Spot Impacts (m)

--- Site Boundary

Dunheved Precinct

Central Precinct

Afflux (m)

< -1.00

-1.00 - -0.50

-0.50 - -0.20

-0.20 - -0.10

-0.10 - -0.05

-0.05 - -0.01

-0.01 - 0.01

0.01 - 0.05

0.05 - 0.10

0.10 - 0.20

0.20 - 0.50

0.50 - 1.00

> 1.00

**Figure F-3: Change in Water Surface Level
1% AEP Local Tailwater
Jacobs Model D209**

02705401,0801,6202,1602,700

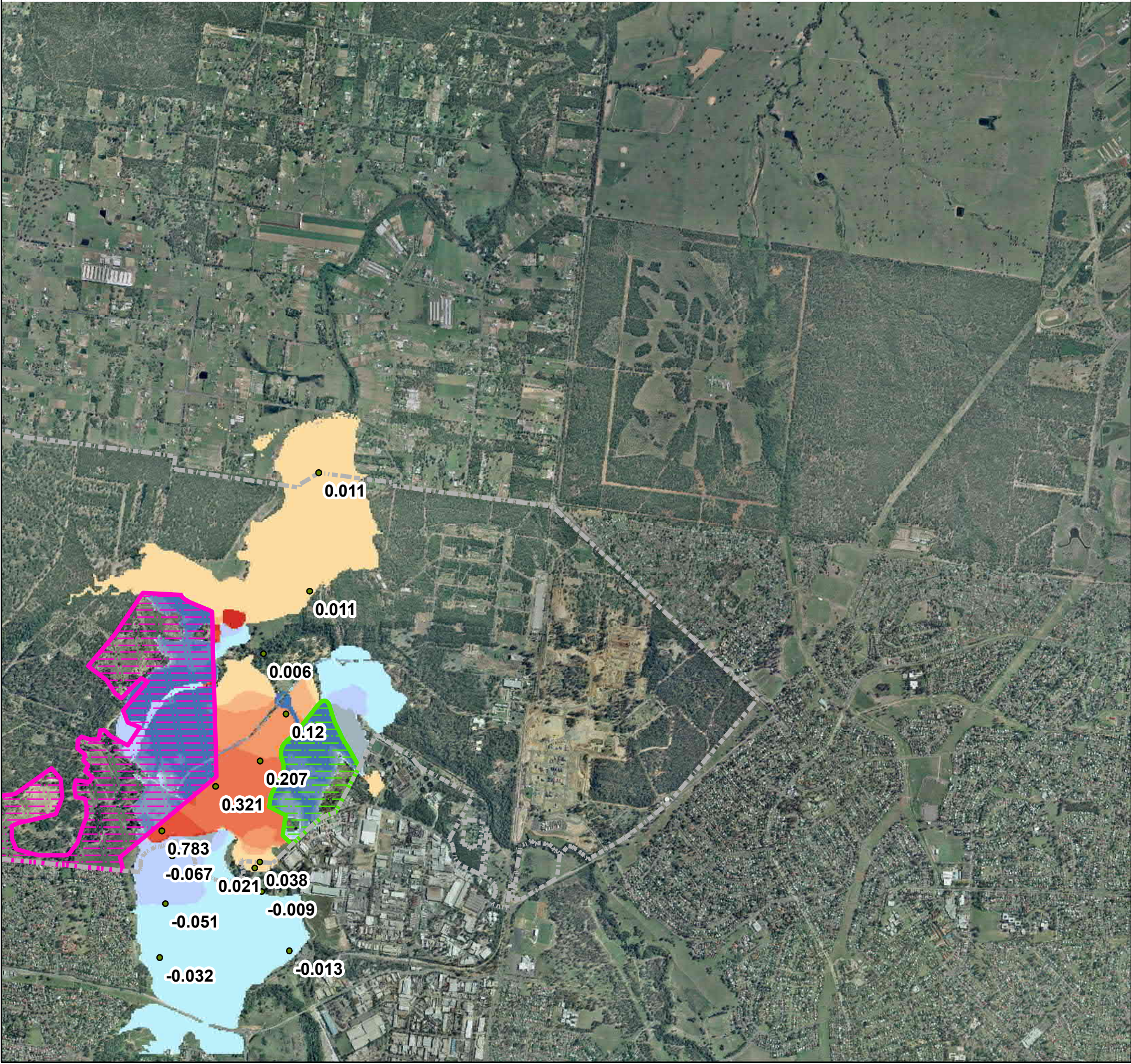
Meters

Scale in A3

Job No: EN04189

Last Modified: 20/07/2015

By: S Watt



Legend

Spot Impacts (m)

Site Boundary

Dunheved Precinct

Central Precinct

Afflux (m)

< -1.00

-1.00 - -0.50

-0.50 - -0.20

-0.20 - -0.10

-0.10 - -0.05

-0.05 - -0.01

-0.01 - 0.01

0.01 - 0.05

0.05 - 0.10

0.10 - 0.20

0.20 - 0.50

0.50 - 1.00

> 1.00

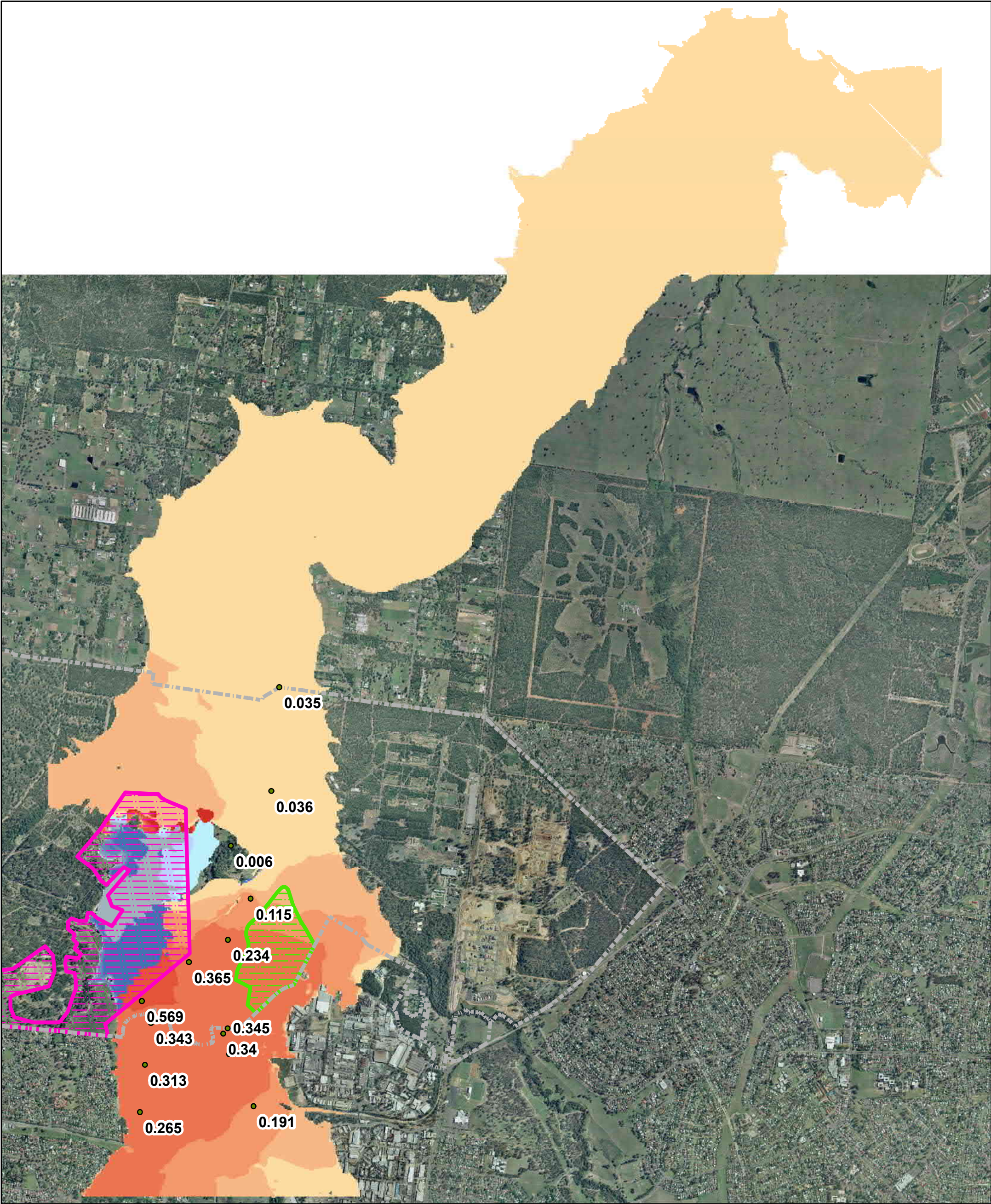
**Figure F-4: Change in Water Surface Level
1% AEP Regional Tailwater
Jacobs Model D209**

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By: S Watt

0 270 540 1,080 1,620 2,160 2,700 Meters

Scale in A3



Legend

● Spot Impacts (m)	0.01 - 0.05
--- Site Boundary	0.05 - 0.10
▨ Dunheved Precinct	0.10 - 0.20
▨ Central Precinct	0.20 - 0.50
Afflux (m)	0.50 - 1.00
■ < -1.00	> 1.00
■ -1.00 - -0.50	
■ -0.50 - -0.20	
■ -0.20 - -0.10	
■ -0.10 - -0.05	
■ -0.05 - -0.01	
■ -0.01 - 0.01	

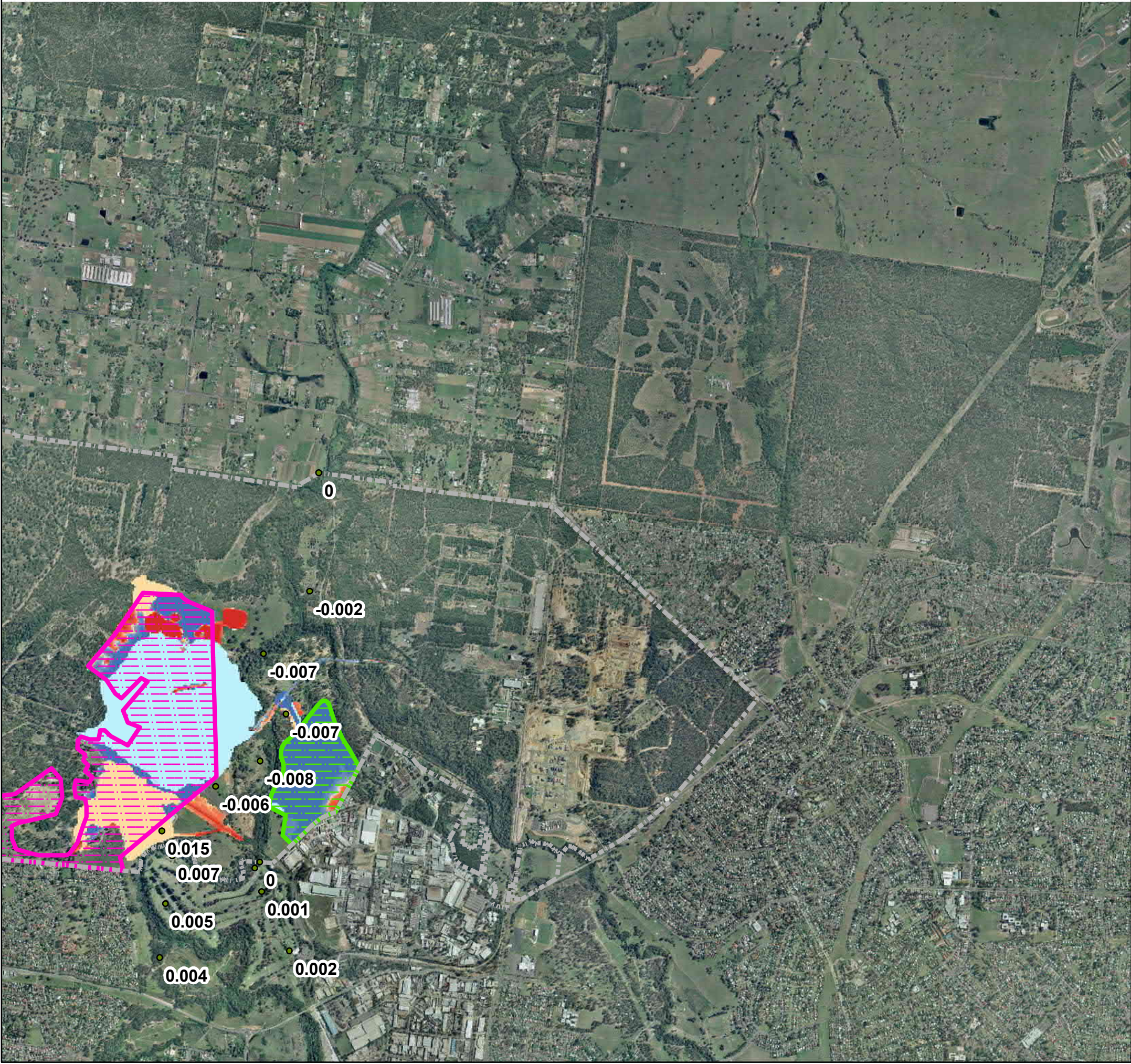
**Figure F-5: Change in Water Surface Level
Probable Maximum Flood Local Tailwater
Jacobs Model D209**

JACOBS

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

0 270 540 1,080 1,620 2,160 2,700 Meters

Scale in A3



Legend

● Spot Impacts (m)	■ -0.05 - -0.01
--- Site Boundary	■ -0.01 - 0.01
▨ Dunheved Precinct	■ 0.01 - 0.05
▨ Central Precinct	■ 0.05 - 0.10
Afflux (m)	■ 0.10 - 0.20
■ < -1.00	■ 0.20 - 0.50
■ -1.00 - -0.50	■ 0.50 - 1.00
■ -0.50 - -0.20	■ > 1.00
■ -0.20 - -0.10	
■ -0.10 - -0.05	

**Figure F-6: Change in Water Surface Level
Probable Maximum Flood Regional Tailwater
Jacobs Model D209**

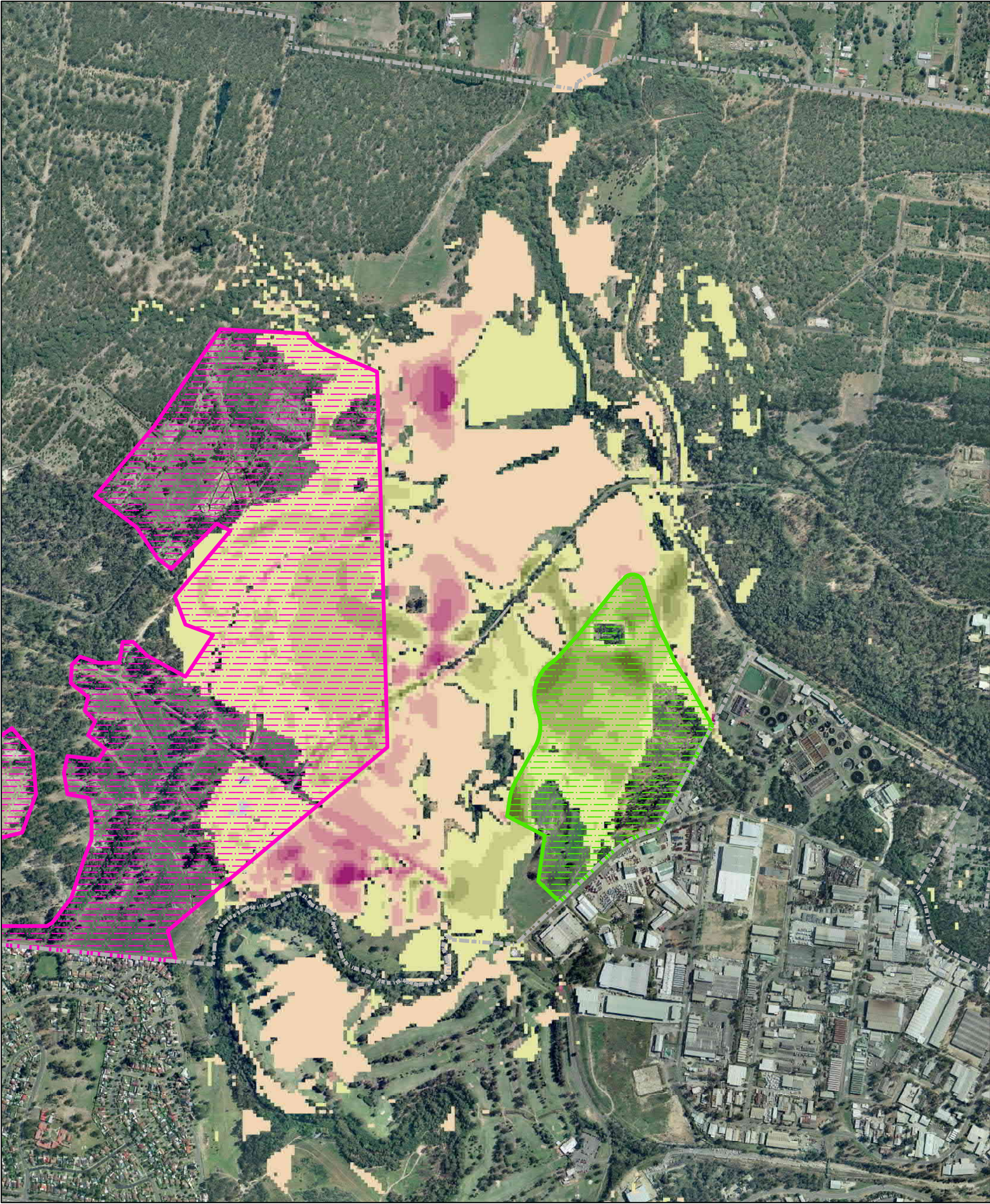
0 270 540 1,080 1,620 2,160 2,700 Meters

Scale in A3

JACOBS

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

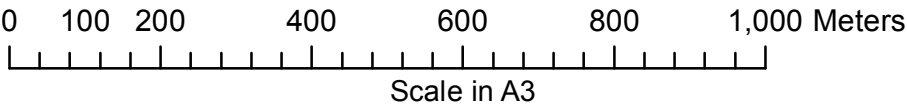
Appendix G. Developed case velocity impact maps

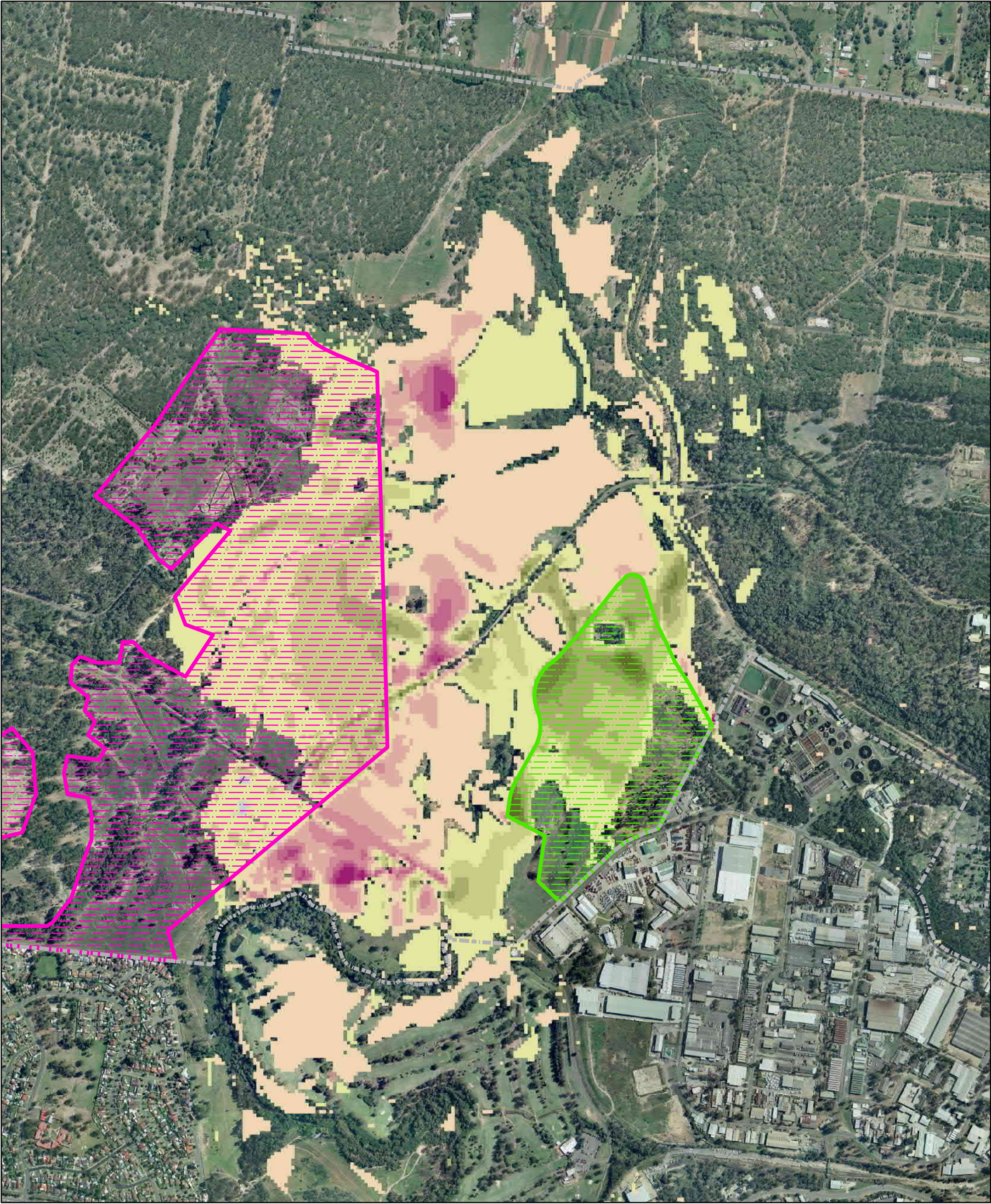


Legend

Site Boundary	Change in Velocity (m/s)	-0.2 - -0.1	0.2 - 0.3
Dunheved Precinct	< -0.5	-0.1 - -0.01	0.3 - 0.4
Central Precinct	-0.5 - -0.4	-0.01 - 0.01	0.4 - 0.5
	-0.4 - -0.3	0.01 - 0.1	> 0.5
	-0.3 - -0.2	0.1 - 0.2	

Figure G-1: Change in Velocity
5% AEP Local Tailwater
Jacobs Model D209





Legend

- Site Boundary

Dunheved Precinct

Central Precinct
- Change in Velocity (m/s)**

< -0.5

-0.5 - -0.4

-0.4 - -0.3

-0.3 - -0.2

-0.2 - -0.1

-0.1 - -0.01

-0.01 - 0.01

0.01 - 0.1

0.1 - 0.2

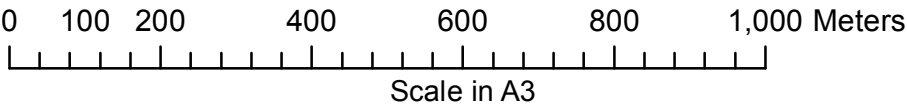
0.2 - 0.3

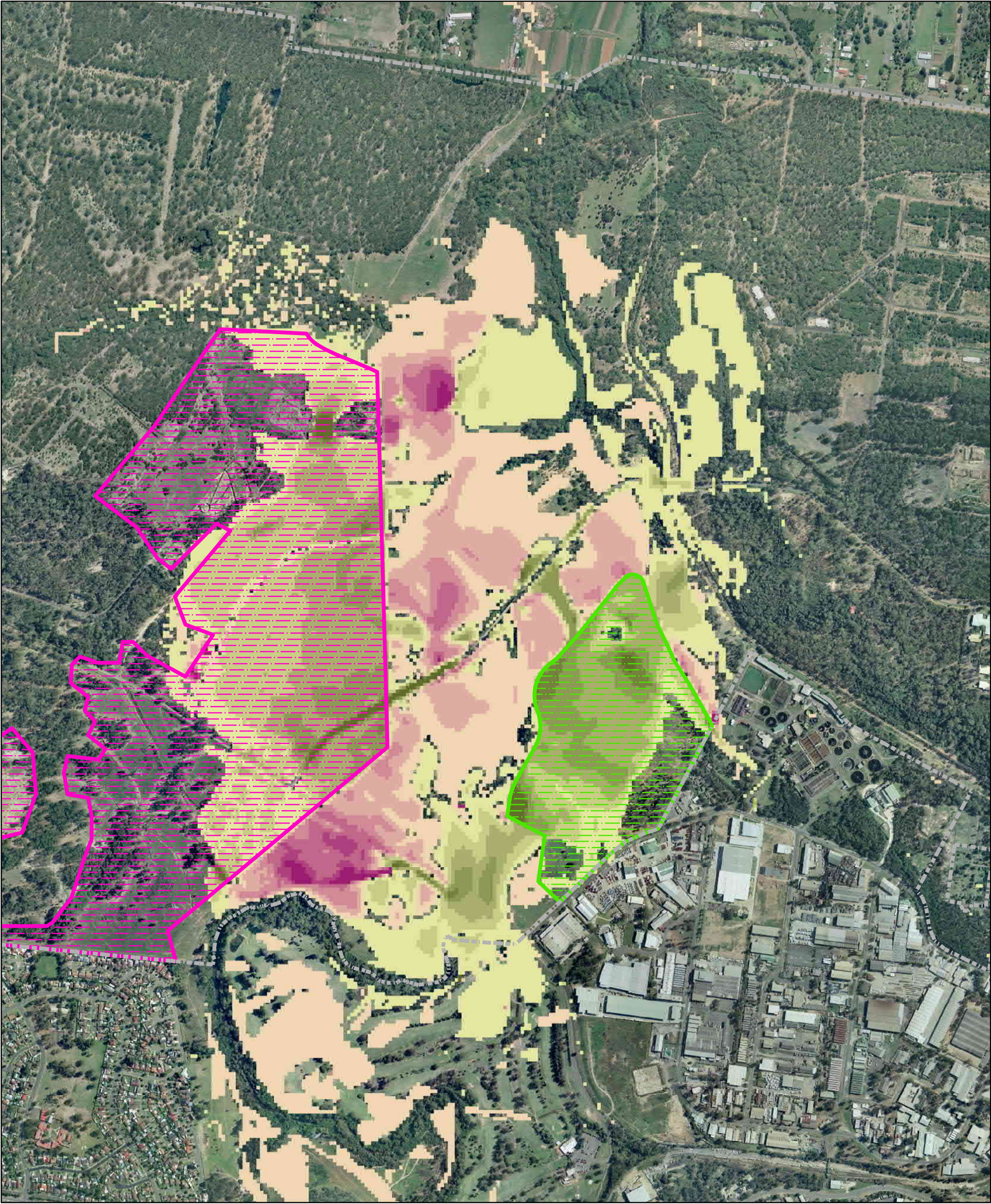
0.3 - 0.4

0.4 - 0.5

> 0.5

Figure G-2: Change in Velocity
5% AEP Regional Tailwater
Jacobs Model D209

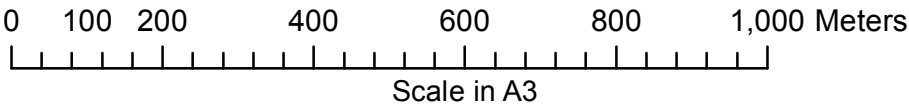


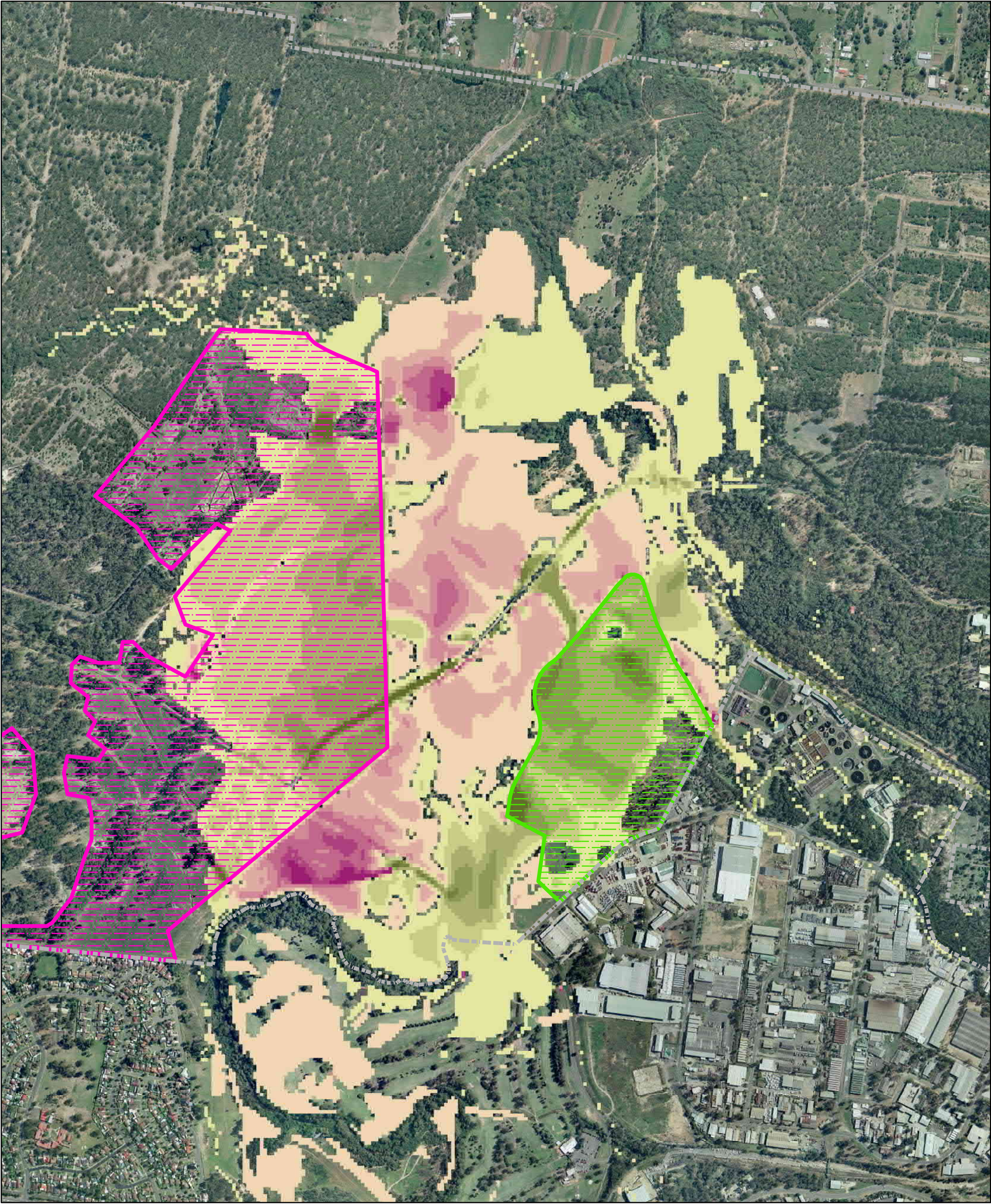


Legend

Site Boundary	Change in Velocity (m/s)	-0.2 - -0.1	0.2 - 0.3
Dunheved Precinct	< -0.5	-0.1 - -0.01	0.3 - 0.4
Central Precinct	-0.5 - -0.4	-0.01 - 0.01	0.4 - 0.5
	-0.4 - -0.3	0.01 - 0.1	> 0.5
	-0.3 - -0.2	0.1 - 0.2	

Figure G-3: Change in Velocity
1% AEP Local Tailwater
Jacobs Model D209

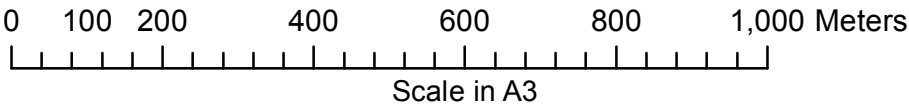


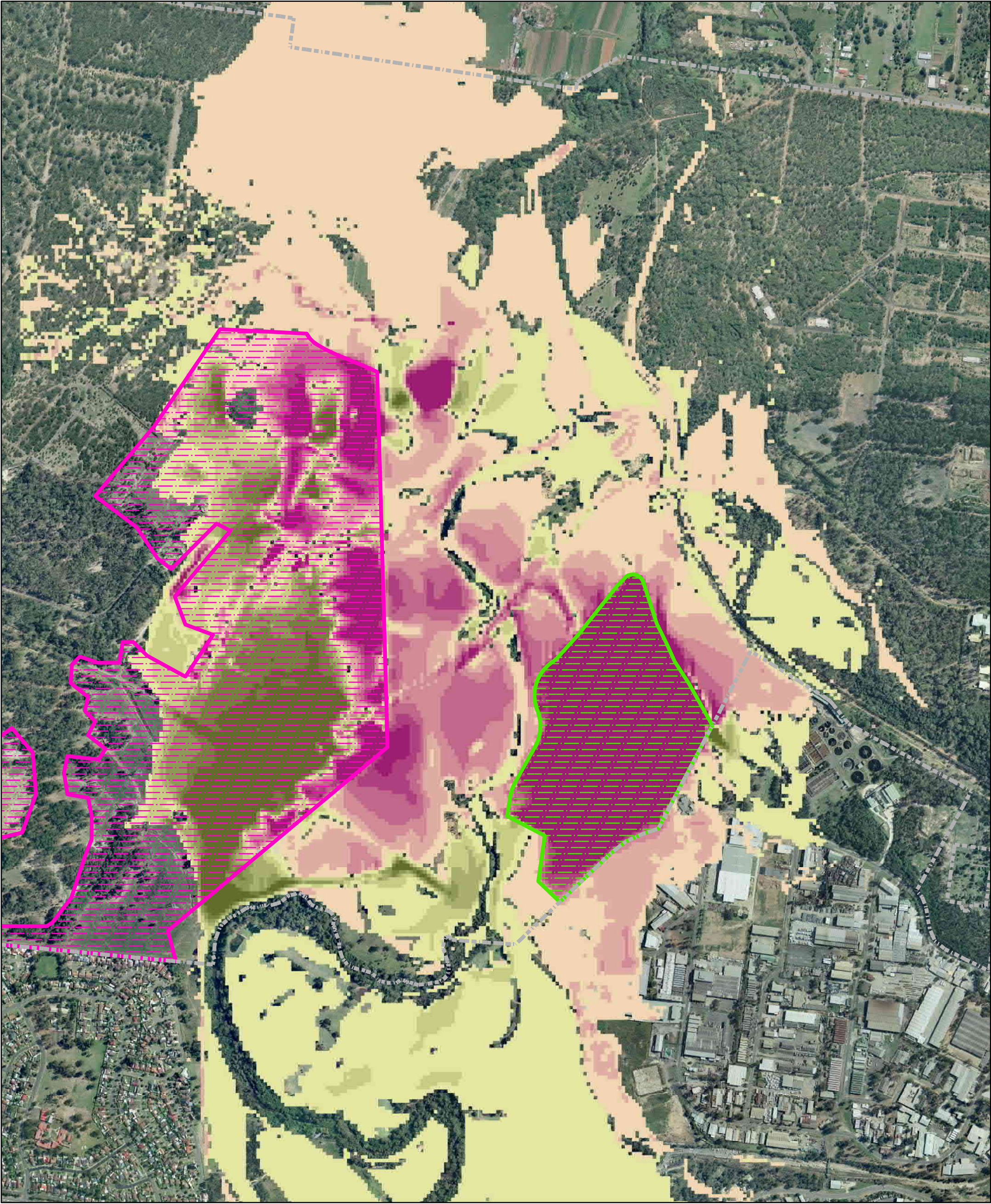


Legend

Site Boundary	Change in Velocity (m/s)	-0.2 - -0.1	0.2 - 0.3
Dunheved Precinct	< -0.5	-0.1 - -0.01	0.3 - 0.4
Central Precinct	-0.5 - -0.4	-0.01 - 0.01	0.4 - 0.5
	-0.4 - -0.3	0.01 - 0.1	> 0.5
	-0.3 - -0.2	0.1 - 0.2	

Figure G-4: Change in Velocity
1% AEP Regional Tailwater
Jacobs Model D209





Legend

- Site Boundary

Dunheved Precinct

Central Precinct
- Change in Velocity (m/s)**

< -0.5

-0.5 - -0.4

-0.4 - -0.3

-0.3 - -0.2

-0.2 - -0.1

-0.1 - -0.01

-0.01 - 0.01

0.01 - 0.1

0.1 - 0.2

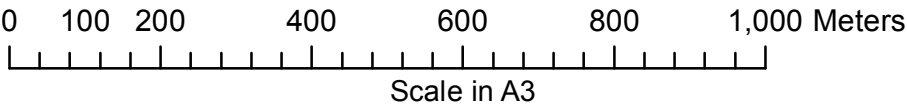
0.2 - 0.3

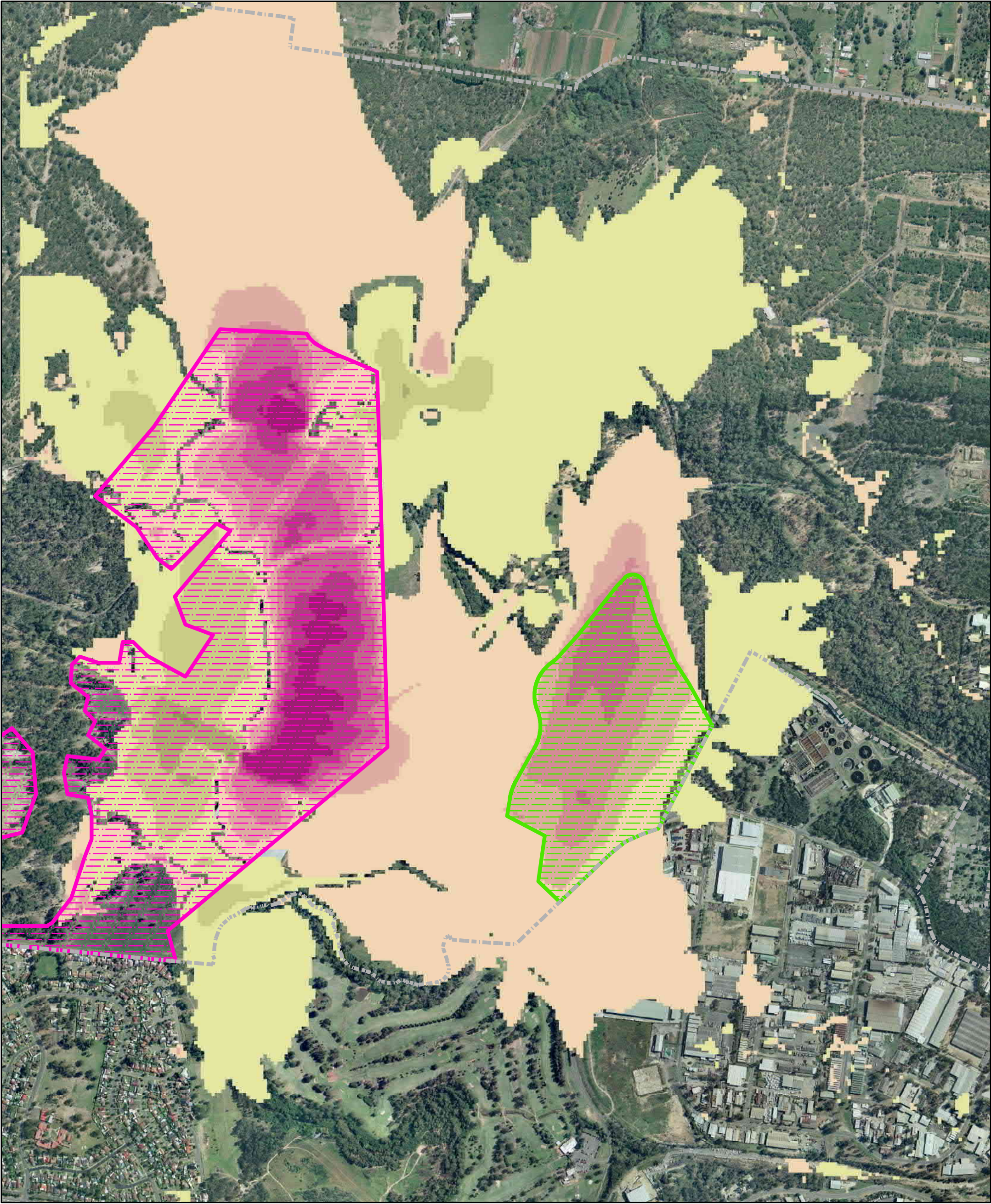
0.3 - 0.4

0.4 - 0.5

> 0.5

**Figure G-5: Change in Velocity
Probable Maximum Flood Local Tailwater
Jacobs Model D209**





Legend

- Site Boundary

Dunheved Precinct

Central Precinct
- Change in Velocity (m/s)**

< -0.5

-0.5 - -0.4

-0.4 - -0.3

-0.3 - -0.2

-0.2 - -0.1

-0.1 - -0.01

-0.01 - 0.01

0.01 - 0.1

0.1 - 0.2

0.2 - 0.3

0.3 - 0.4

0.4 - 0.5

> 0.5

**Figure G-6: Change in Velocity
Probable Maximum Flood Regional Tailwater
Jacobs Model D209**

