Nattai Ponds Catchment

Floodplain Risk Management Study & Draft Plan

Final Report

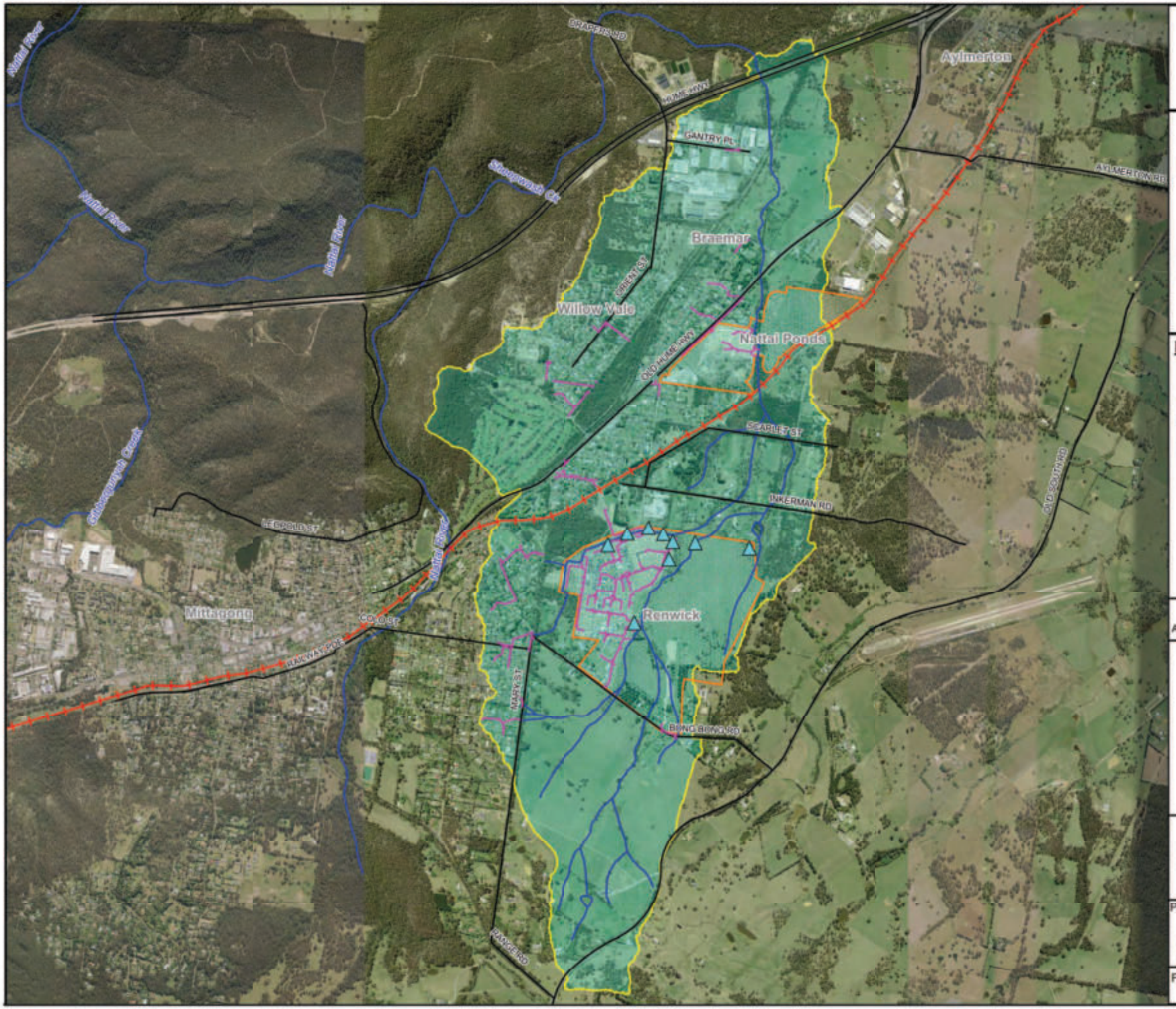
Volume 2 of 2: Figures

Revision 3

December 2019

Catchment Simulation Solutions

FIGURES



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LEGEND

- Nattai Ponds Catchment
- Watercourse
- Railway
- Stormwater Network
- Existing Detention Basin

Notes:

Aerial photograph date: May 2014

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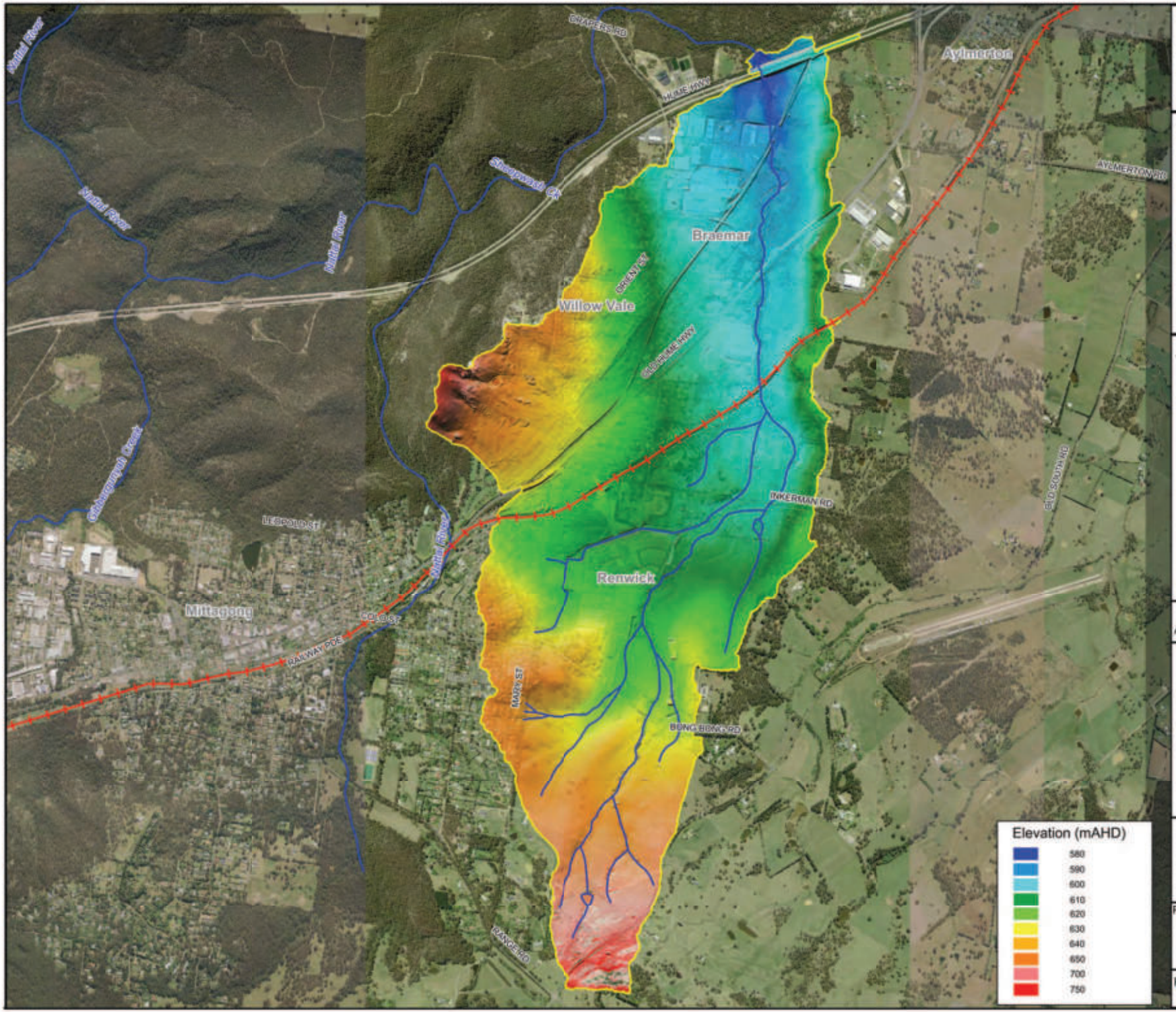
Scale 1:22,000 (at A3)

0 0.5 1.0 Km

Figure 1: Nattai Ponds Catchment

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig1 - Study Area.wor



WINGECARRIBEE SHIRE COUNCIL

LEGEND

- Nattai Ponds Catchment
- Watercourse
- Railway

Notes:

Aerial photograph date: May 2014

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Scale 1:22,000 (at A3)

0 0.5 1.0 Km

Figure 2: Nattai Ponds Elevations

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig2 - Nattai Ponds DEM.wor

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LEGEND

- Nattai Ponds Study Area
- Robertson Basalt Tall Open Forest
- Location of Aboriginal Heritage Site
- Heritage Item
- Watercourse
- Railway

Notes:

Aerial photograph date: May 2014

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Scale 1:22,000 (at A3)

0 0.5 1.0

Km

Figure 3: Environmental Constraints and Heritage Sites

Prepared By:

Catchment Simulation Solutions

Suite 2.01, 210 George St

Sydney, NSW 2000

File Name: Fig3 - Environmental Constraints .wor

Floodwater Depth, Level & Velocity Maps

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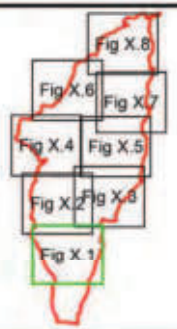

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 4.1: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.1 - 20% AEP Depths, Levels and Velocities.wor

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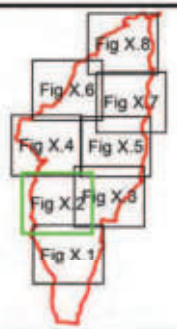

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 4.2: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.2 - 20% AEP Depths, Levels and Velocities.wor

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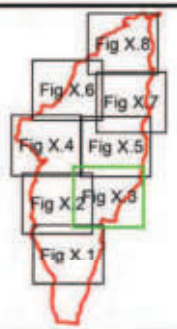

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 4.3: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.3 - 20% AEP Depths, Levels and Velocities.wor

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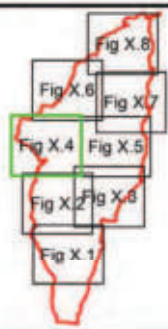

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013

Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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Scale 1:4,000 (at A3)

0 0.1 0.2

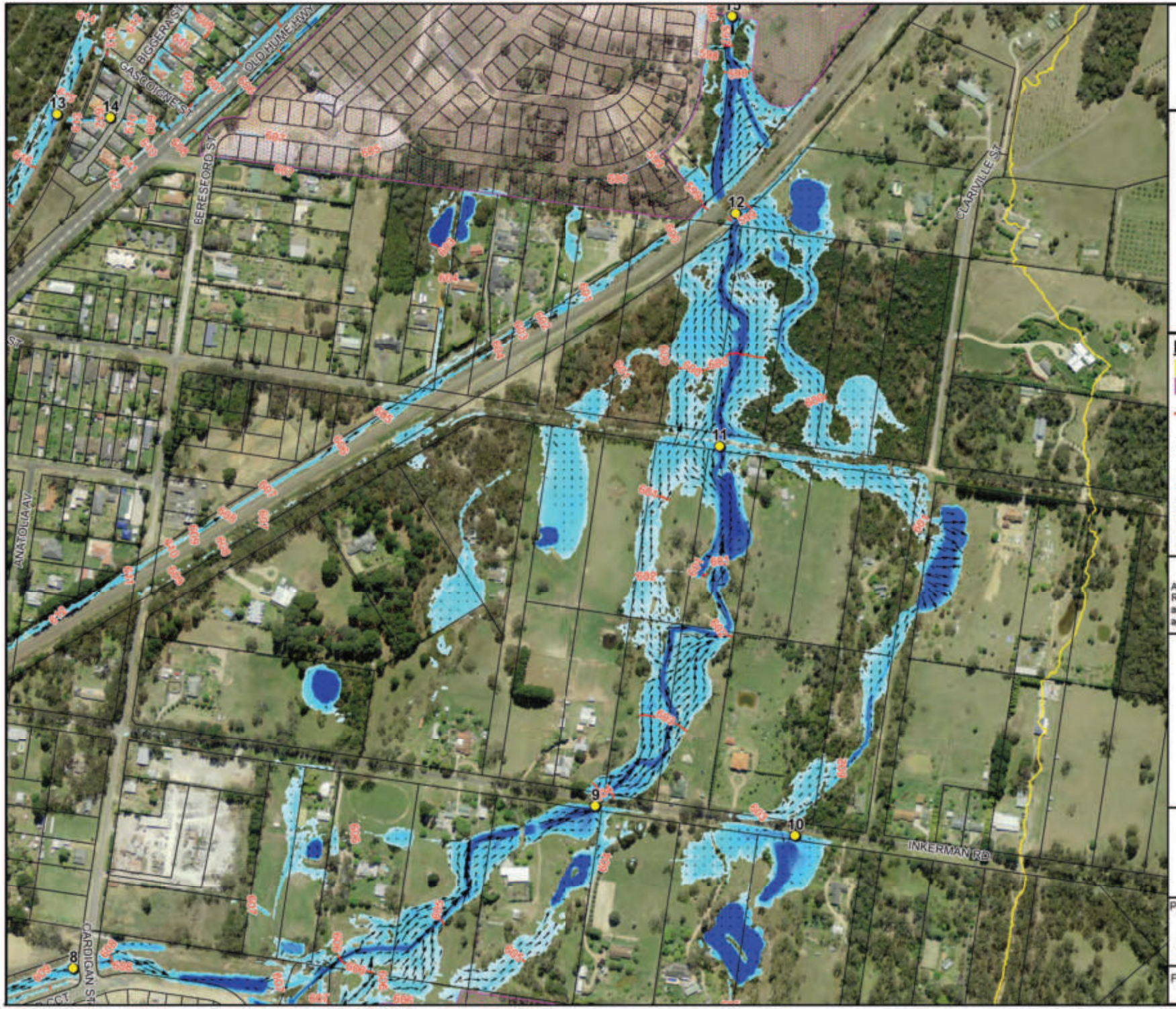
Km

Figure 4.4: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.4 - 20% AEP Depths, Levels and Velocities.wor



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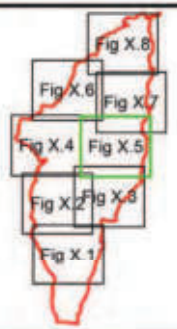

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 4.5: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.5 - 20% AEP Depths, Levels and Velocities.wor

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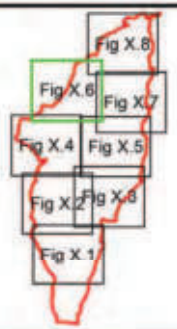

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 4.6: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.6 - 20% AEP Depths, Levels and Velocities.wor

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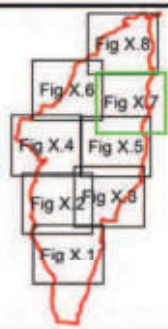

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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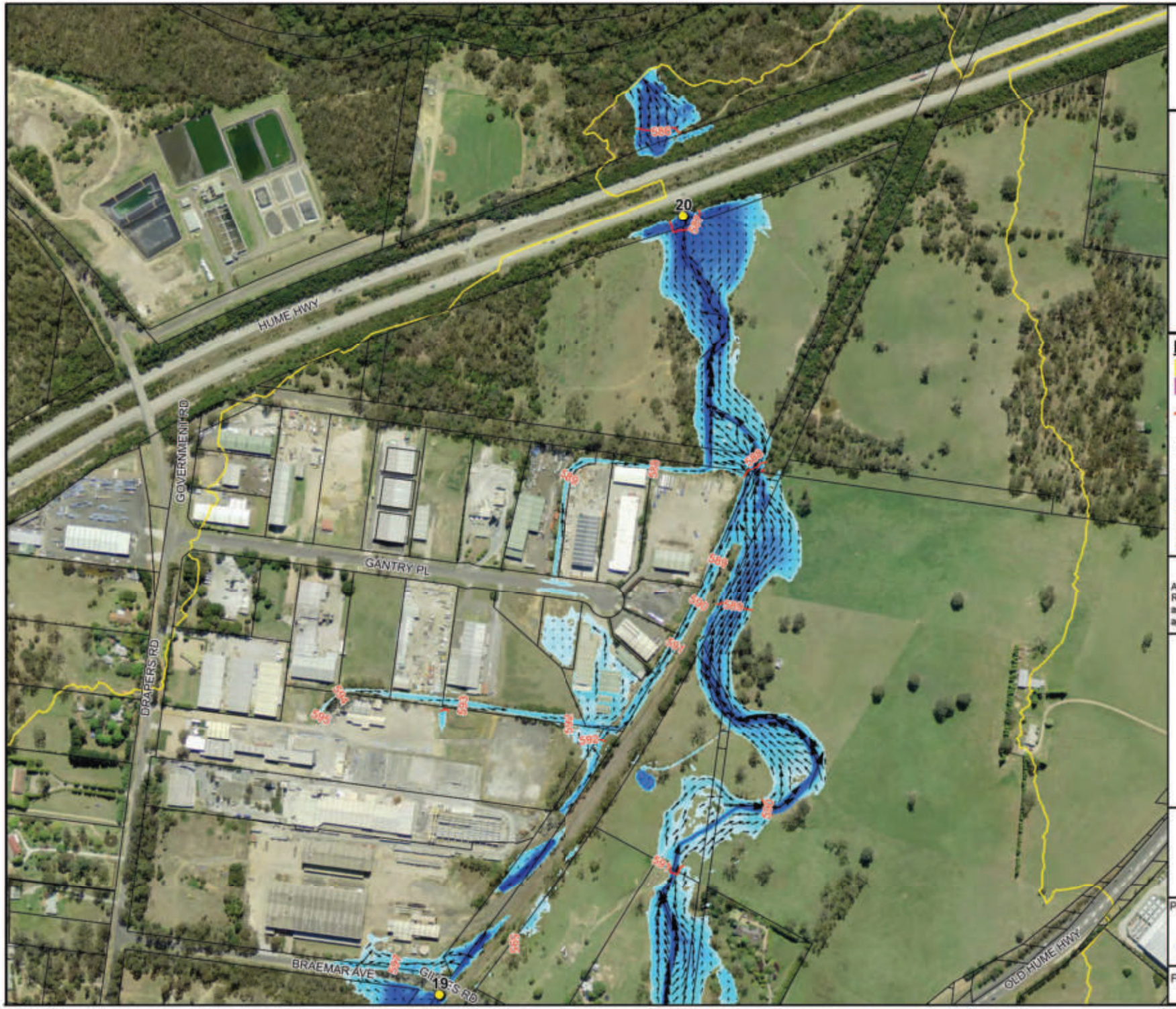
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

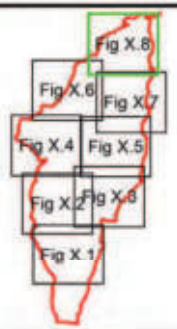
Figure 4.7: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.7 - 20% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 4.8: Floodwater Depths, Levels and Velocities for the 20% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig4.8 - 20% AEP Depths, Levels and Velocities.wor

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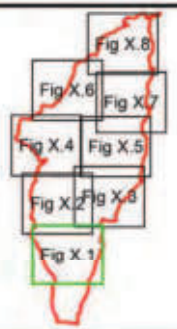

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 5.1: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.1 - 10% AEP Depths, Levels and Velocities.wor

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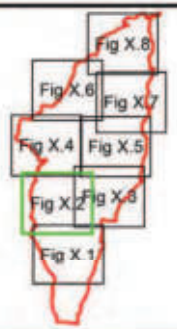

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 5.2: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.2 - 10% AEP Depths, Levels and Velocities.wor

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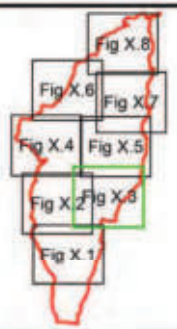

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 820 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 5.3: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.3 - 10% AEP Depths, Levels and Velocities.wor

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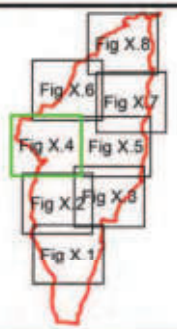

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013

Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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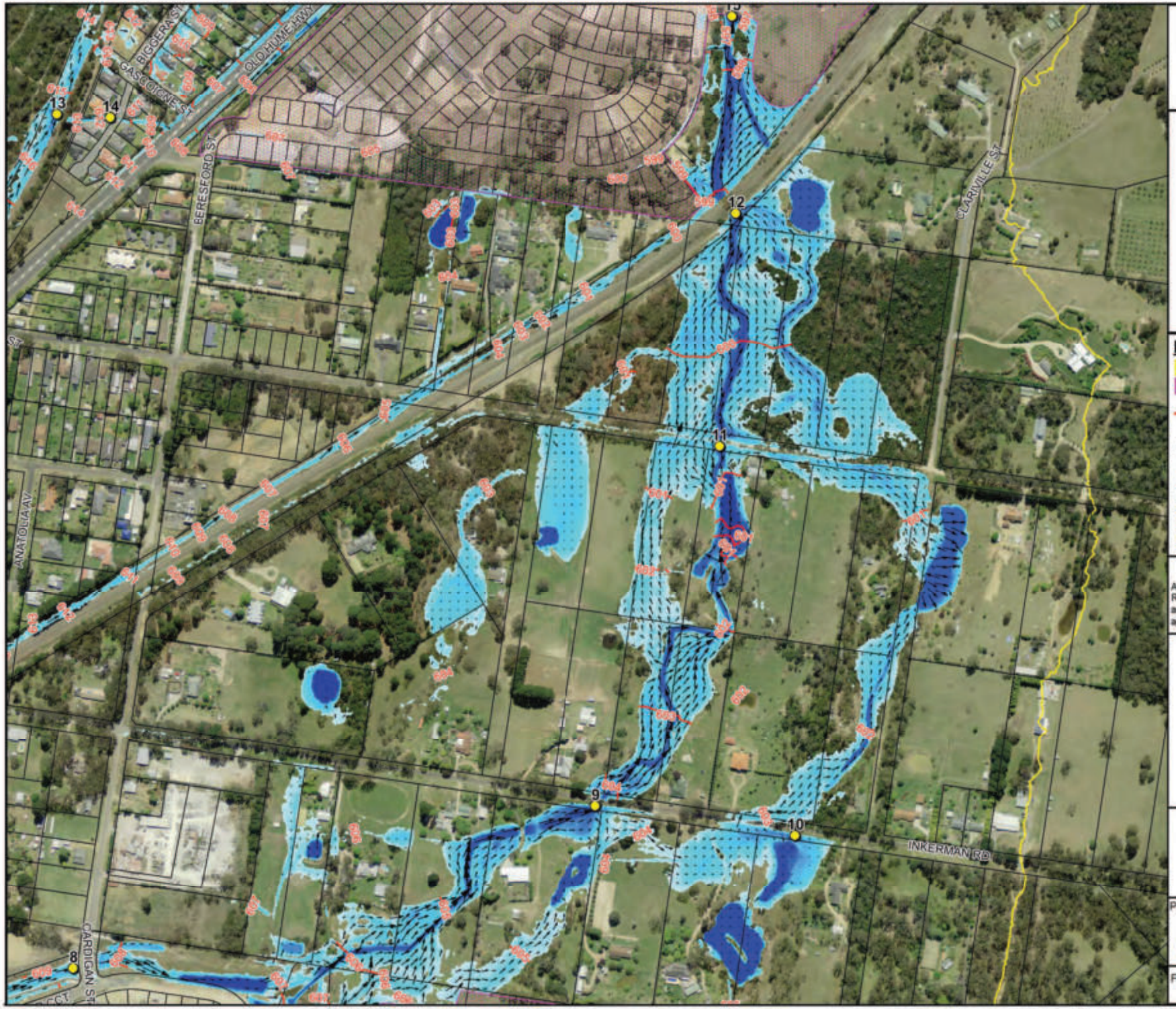
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 5.4: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.4 - 10% AEP Depths, Levels and Velocities.wor



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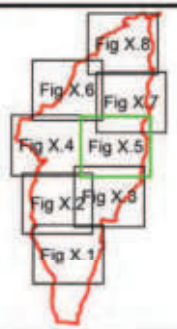

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

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S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 5.5: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.5 - 10% AEP Depths, Levels and Velocities.wor

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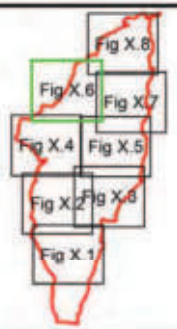

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 5.6: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.6 - 10% AEP Depths, Levels and Velocities.wor

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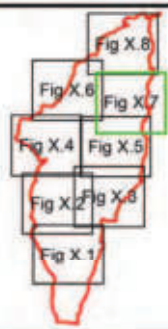

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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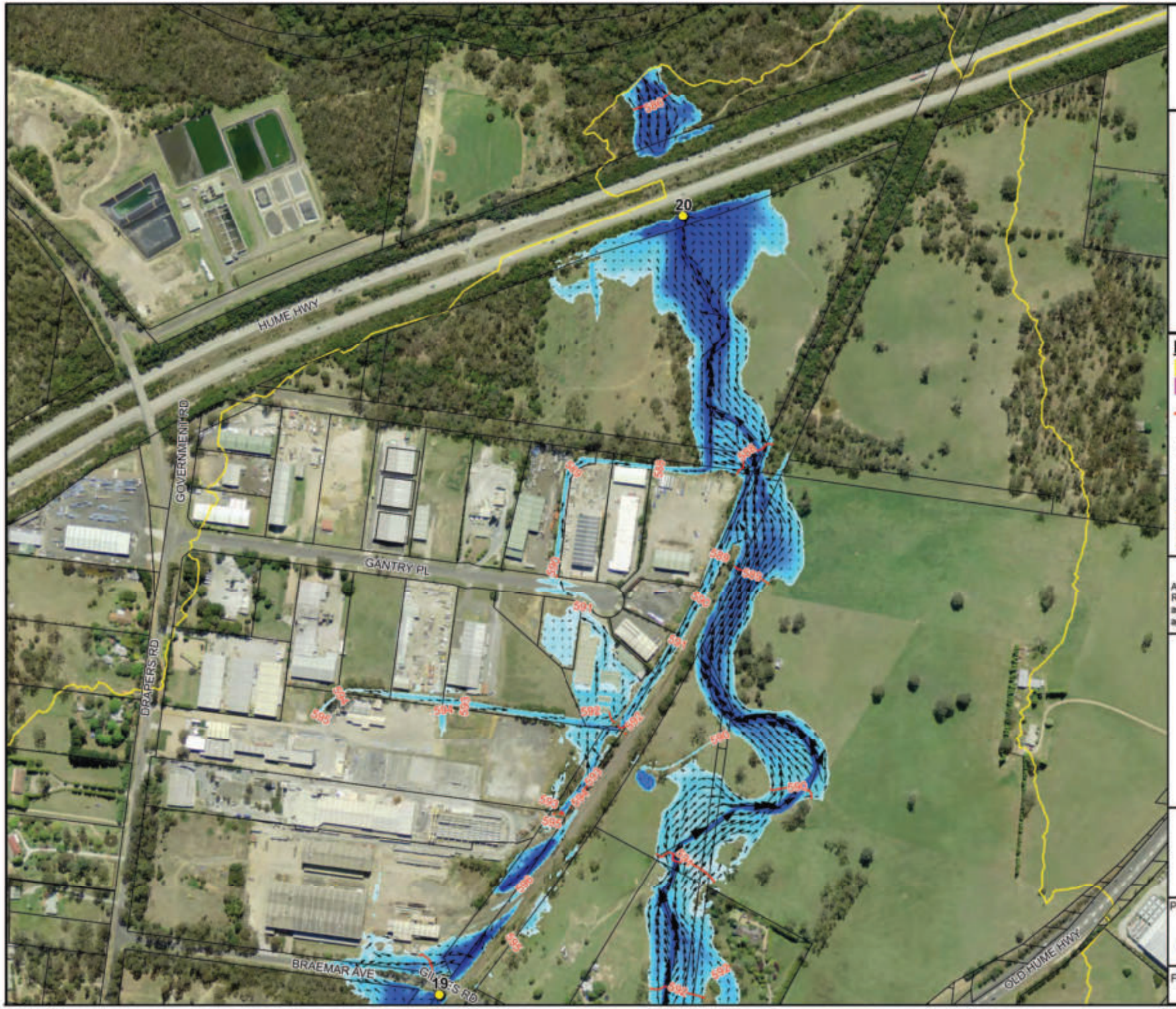
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 5.7: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.7 - 10% AEP Depths, Levels and Velocities.wor



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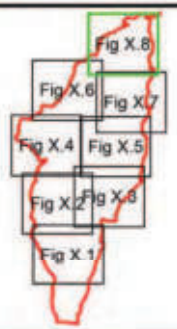

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
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N
W E
S

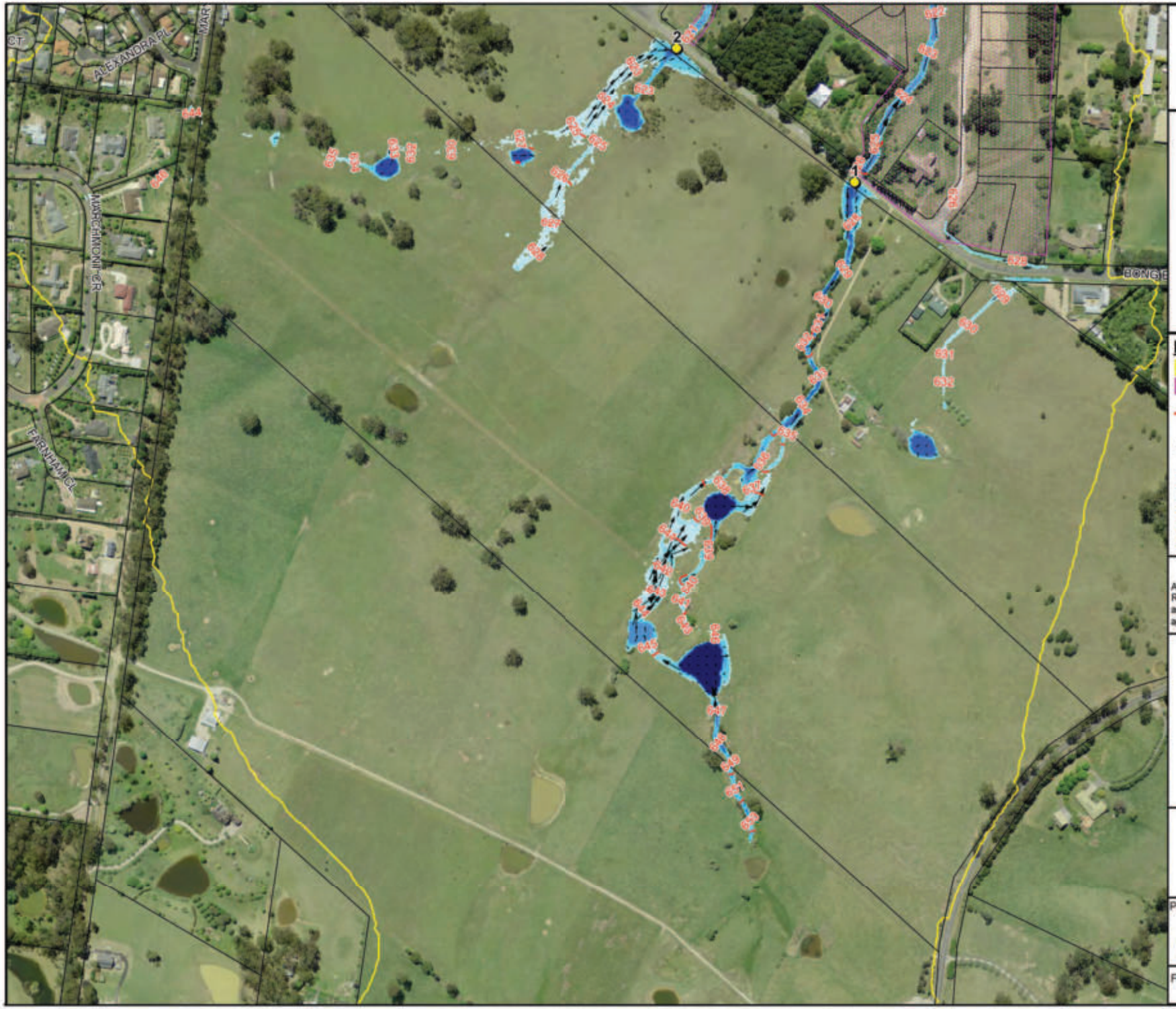
Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 5.8: Floodwater Depths, Levels and Velocities for the 10% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.8 - 10% AEP Depths, Levels and Velocities.wor



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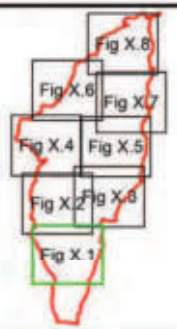

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

Scale 1:4,000 (at A3)

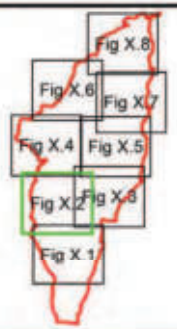
0 0.1 0.2 Km

Figure 6.1: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.1 - 5% AEP Depths, Levels and Velocities.wor

WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 6.2: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.2 - 5% AEP Depths, Levels and Velocities.wor

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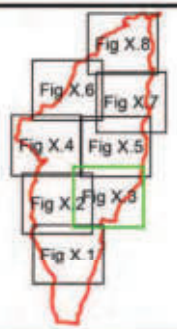

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

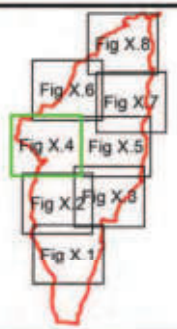
0 0.1 0.2 km

Figure 6.3: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.3 - 5% AEP Depths, Levels and Velocities.wor

WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013

Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2

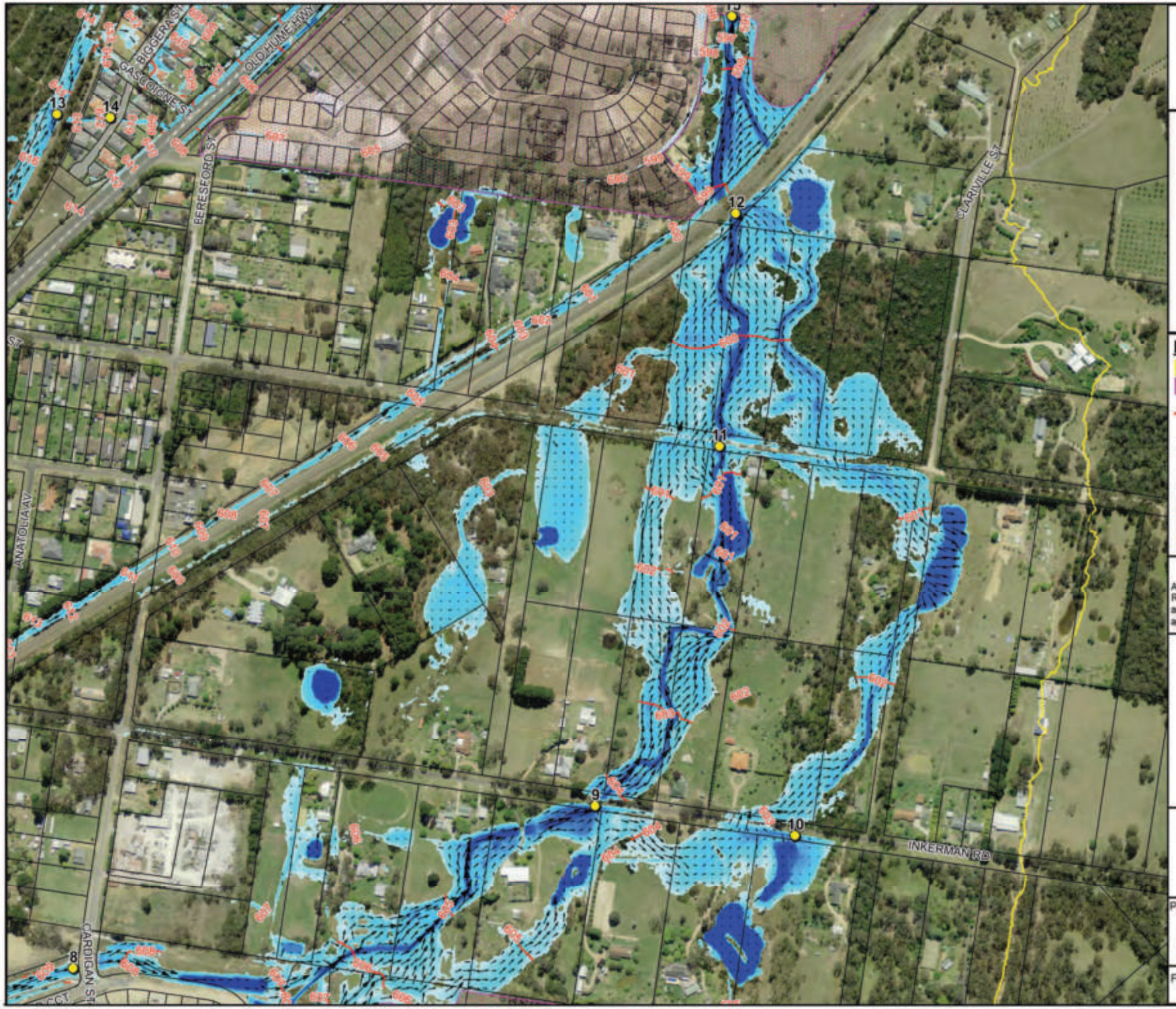
Km

Figure 6.4: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

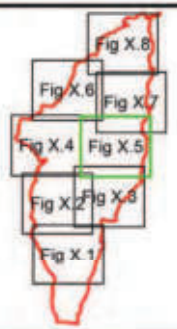
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.4 - 5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 420 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 6.5: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.5 - 5% AEP Depths, Levels and Velocities.wor

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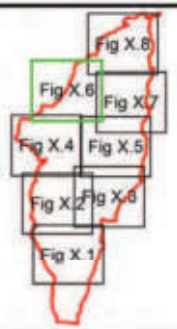

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 6.6: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.6 - 5% AEP Depths, Levels and Velocities.wor

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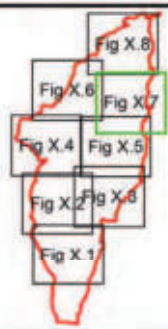

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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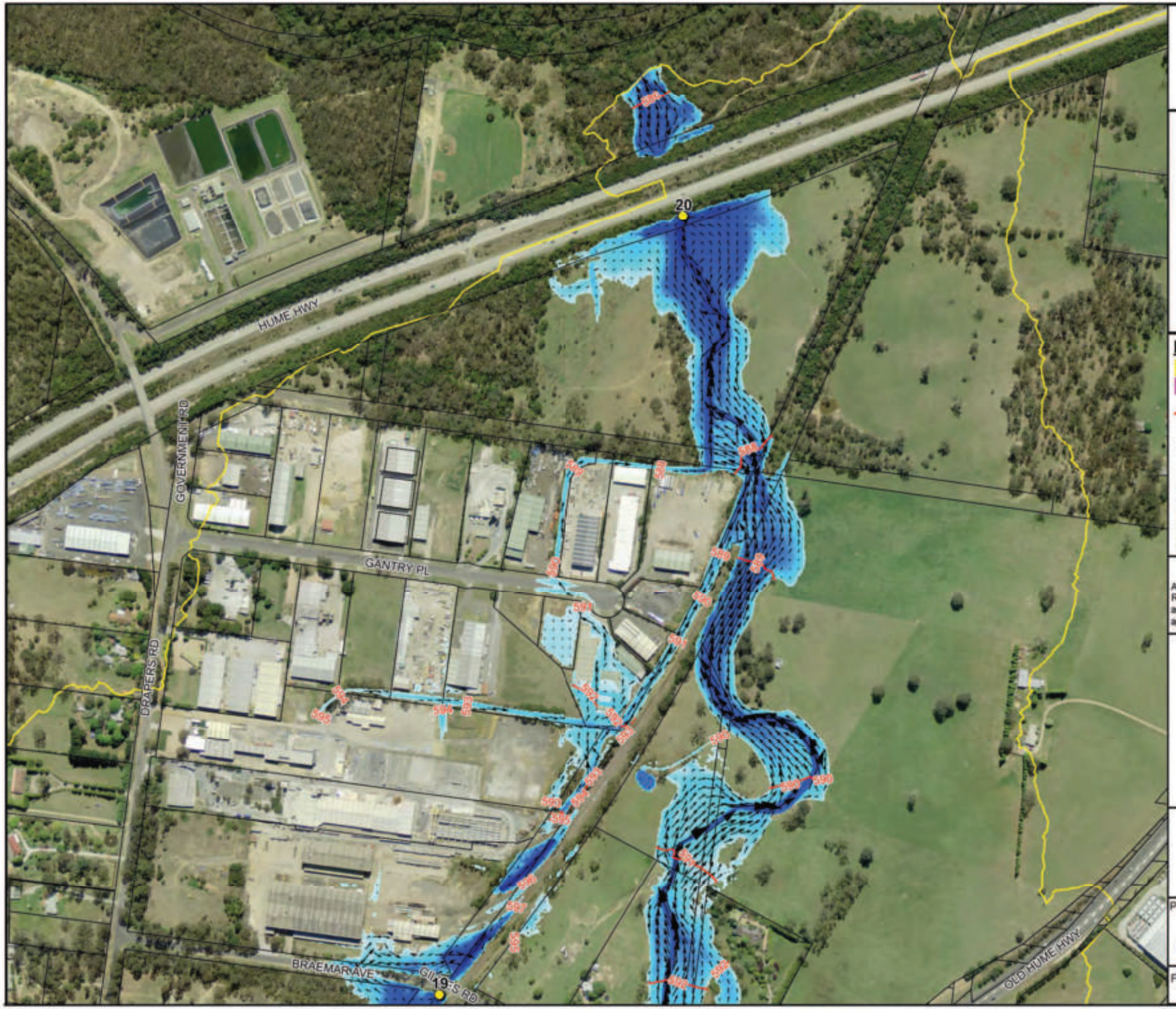
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

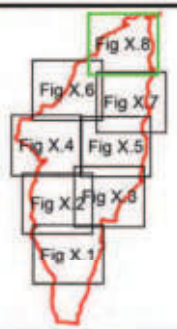
Figure 6.7: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.7 - 5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 6.8: Floodwater Depths, Levels and Velocities for the 5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.8 - 5% AEP Depths, Levels and Velocities.wor

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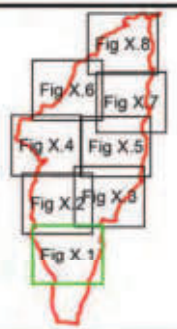


LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

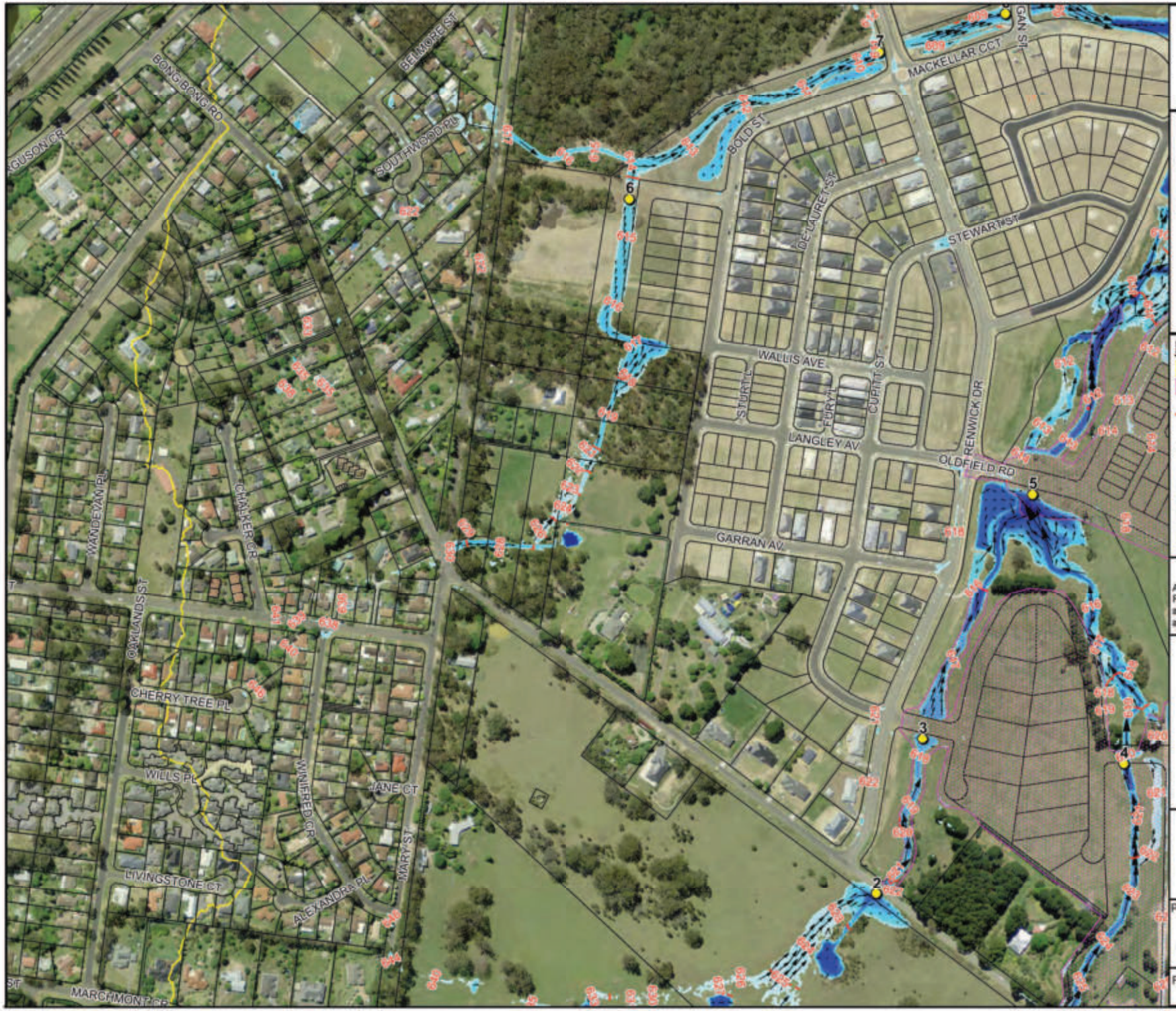
0 0.1 0.2 Km

Figure 7.1: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

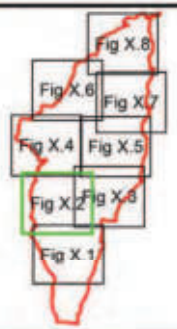
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.1 - 2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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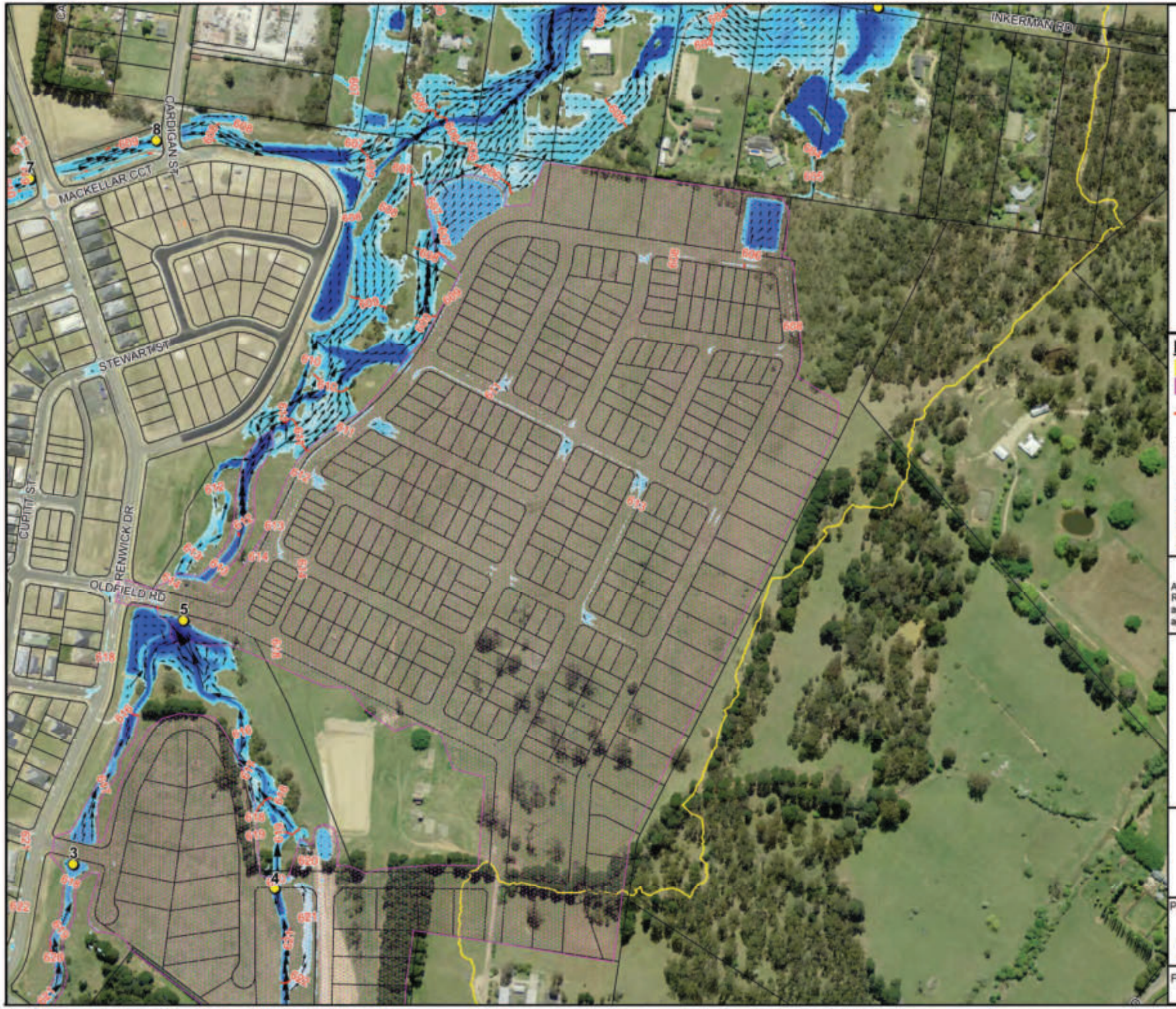
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

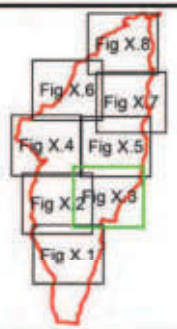
Figure 7.2: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.2 - 2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 7.3: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.3 - 2% AEP Depths, Levels and Velocities.wor

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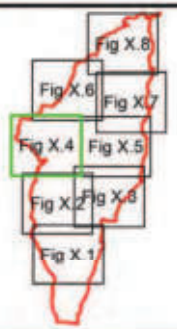

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013

Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
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Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 7.4: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.4 - 2% AEP Depths, Levels and Velocities.wor

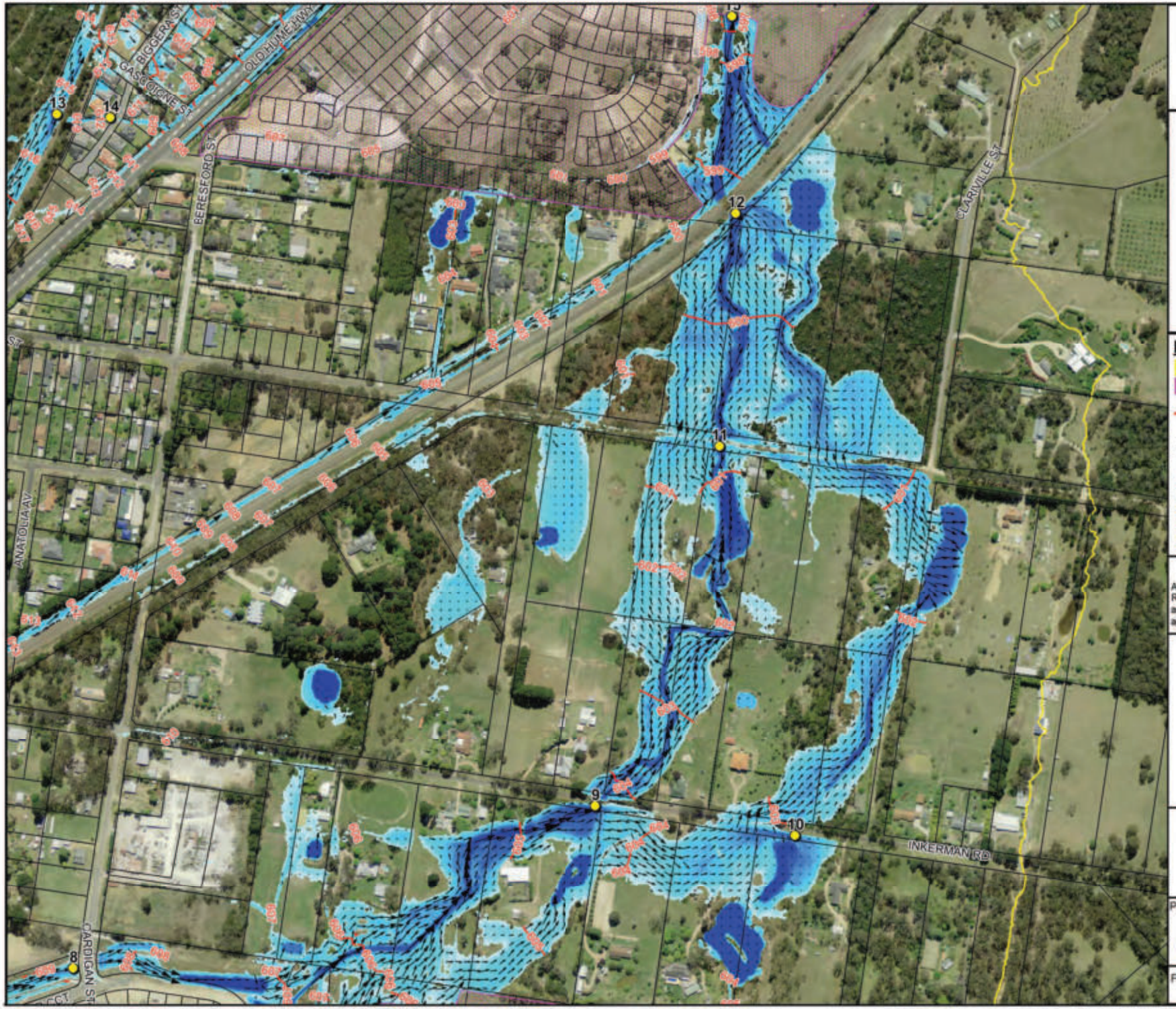

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Fig X.8
Fig X.6
Fig X.7
Fig X.4
Fig X.5
Fig X.2
Fig X.3
Fig X.1

LEGEND

- Naltai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 7.5: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.5 - 2% AEP Depths, Levels and Velocities.wor

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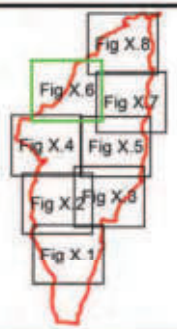

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 7.6: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.6 - 2% AEP Depths, Levels and Velocities.wor

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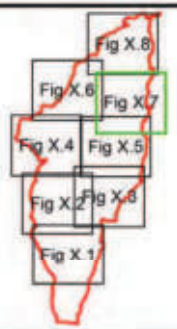


LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

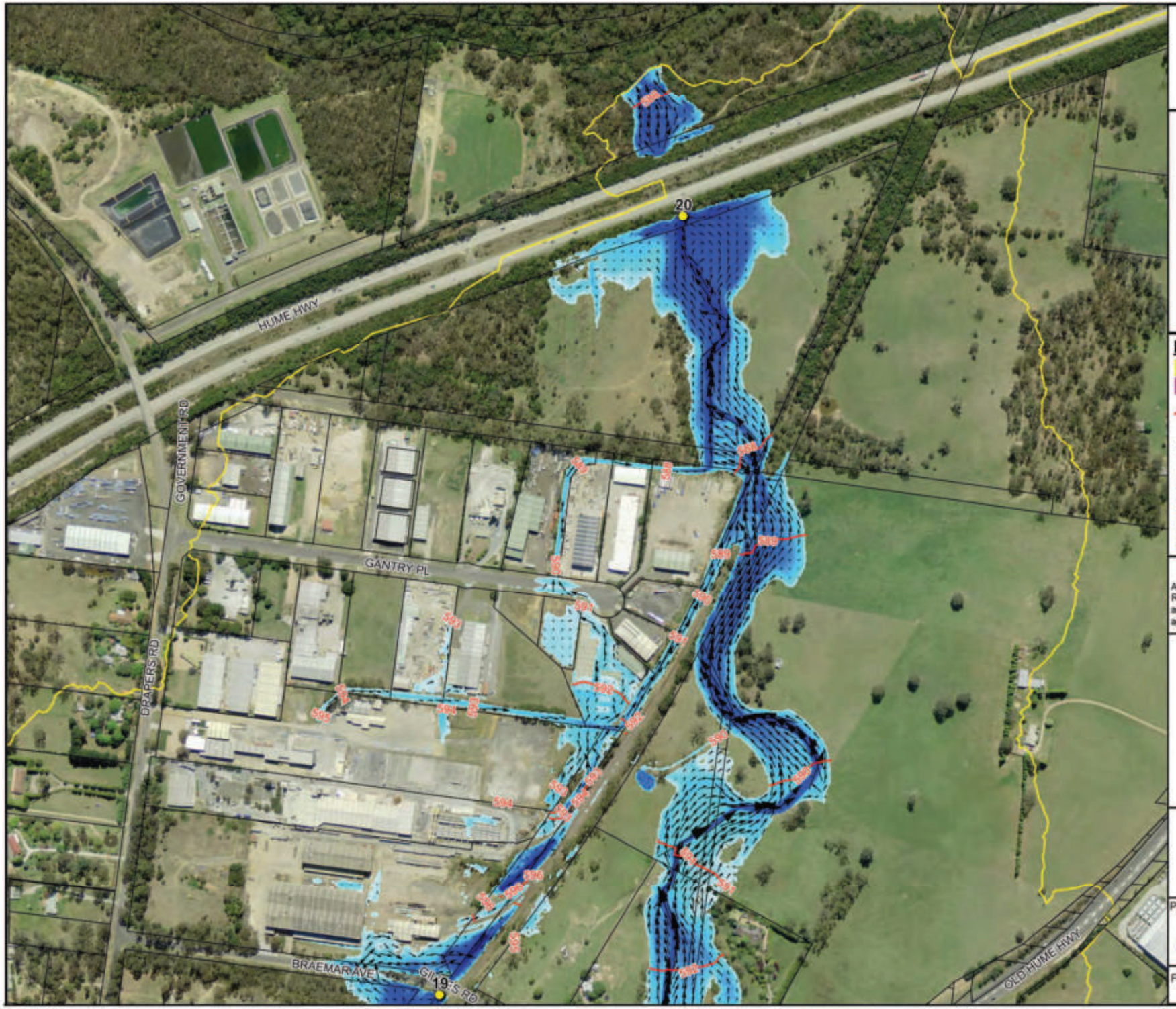
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

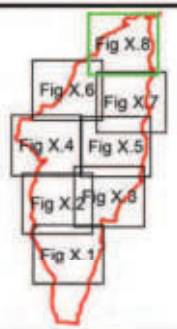
Figure 7.7: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.7 – 2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 7.8: Floodwater Depths, Levels and Velocities for the 2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.8 - 2% AEP Depths, Levels and Velocities.wor

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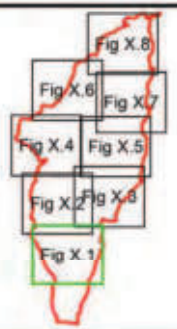

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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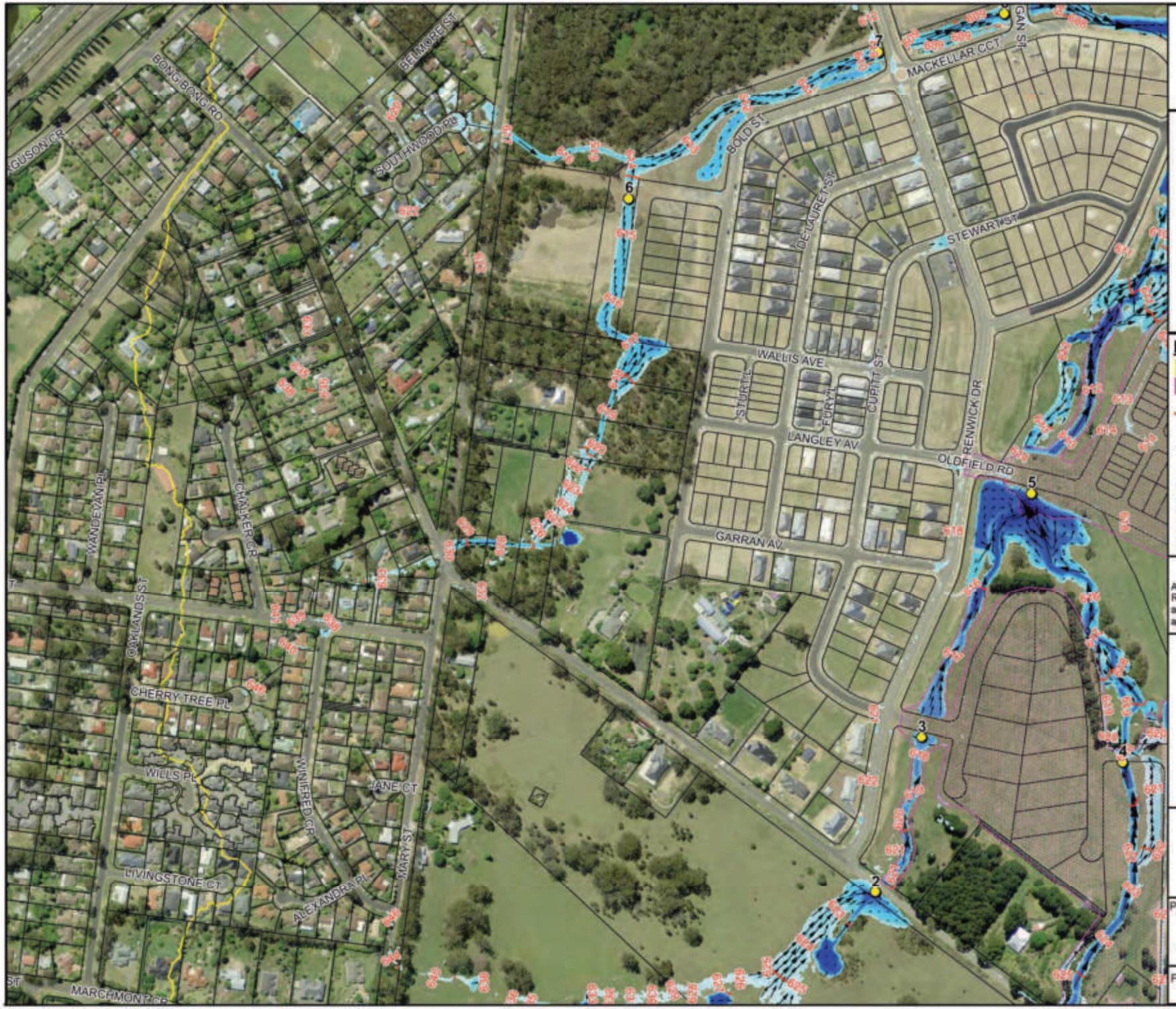
Scale 1:4,000 (at A3)

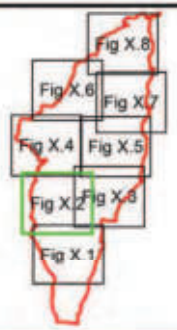
0 0.1 0.2 Km

Figure 8.1: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.1 - 1% AEP Depths, Levels and Velocities.wor





LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

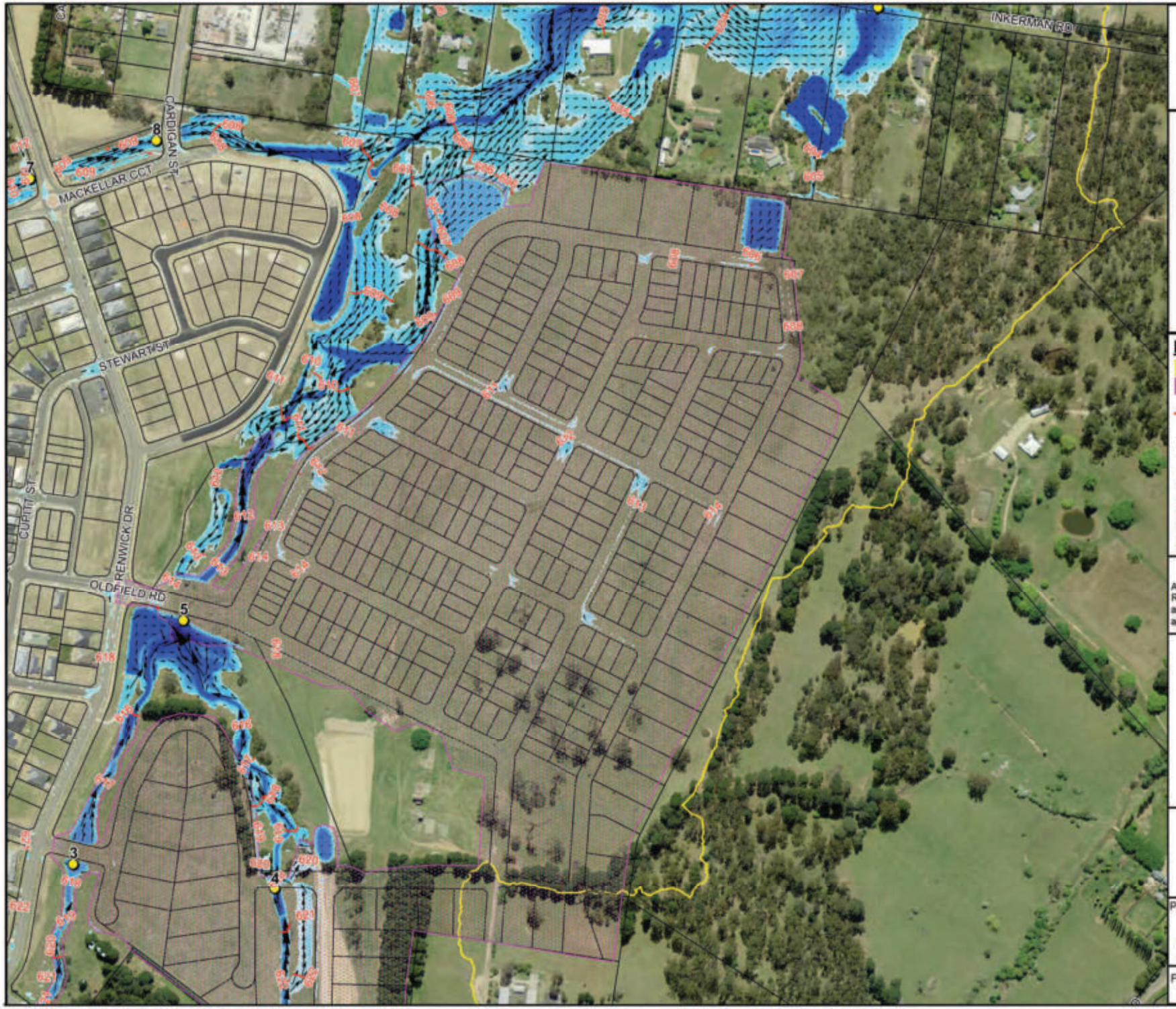
Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 8.2: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.2 - 1% AEP Depths, Levels and Velocities.wor



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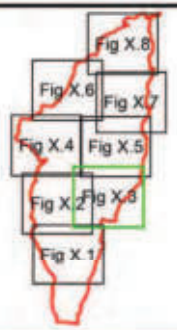

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 820 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 8.3: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.3 - 1% AEP Depths, Levels and Velocities.wor

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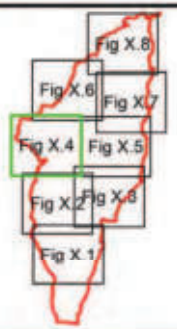

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

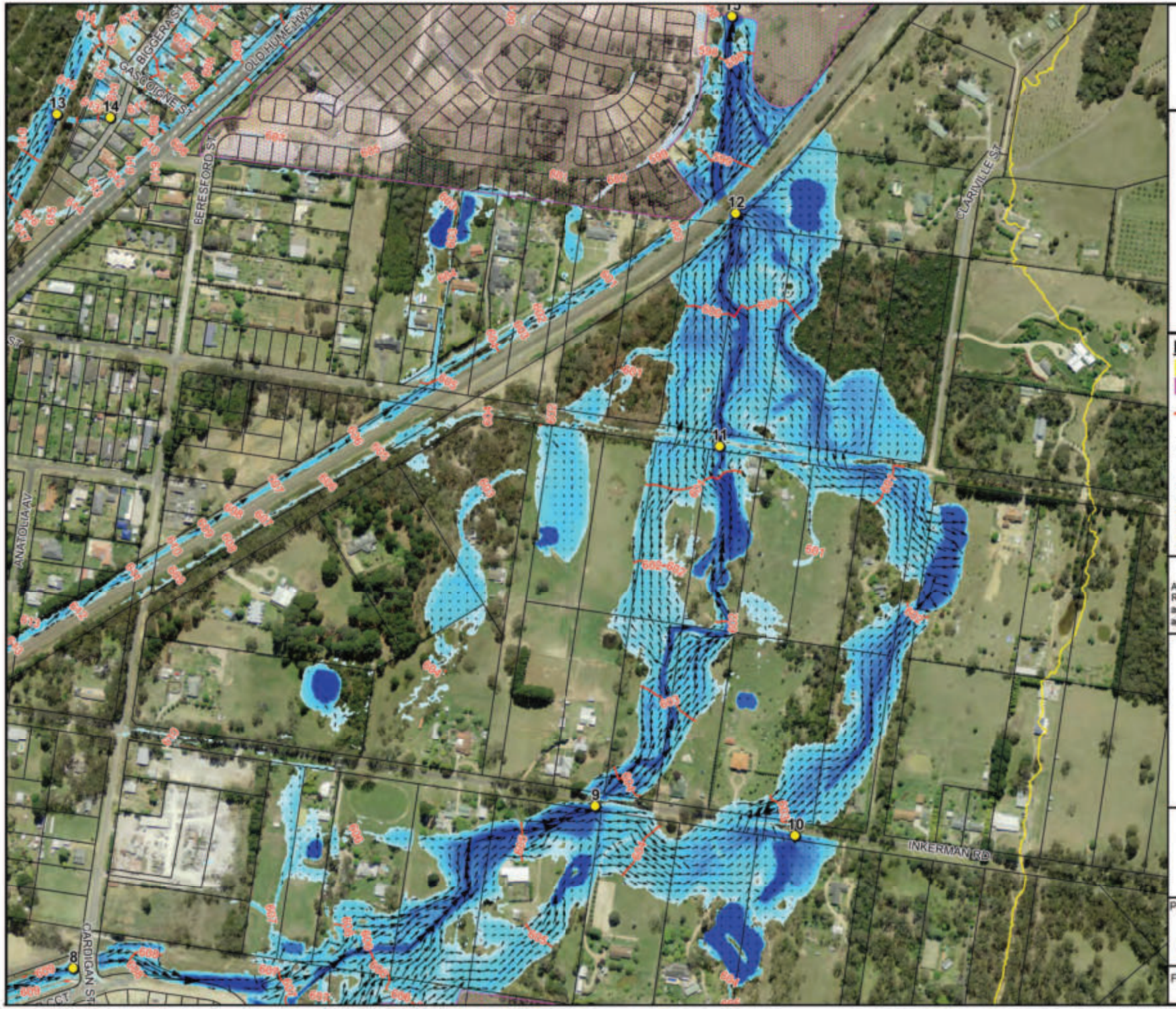
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

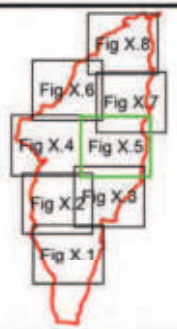
Figure 8.4: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.4 - 1% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Naltai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 8.5: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.5 - 1% AEP Depths, Levels and Velocities.wor

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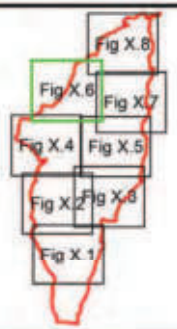

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 8.6: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.6 - 1% AEP Depths, Levels and Velocities.wor

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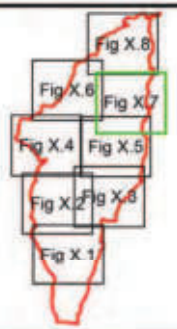


LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

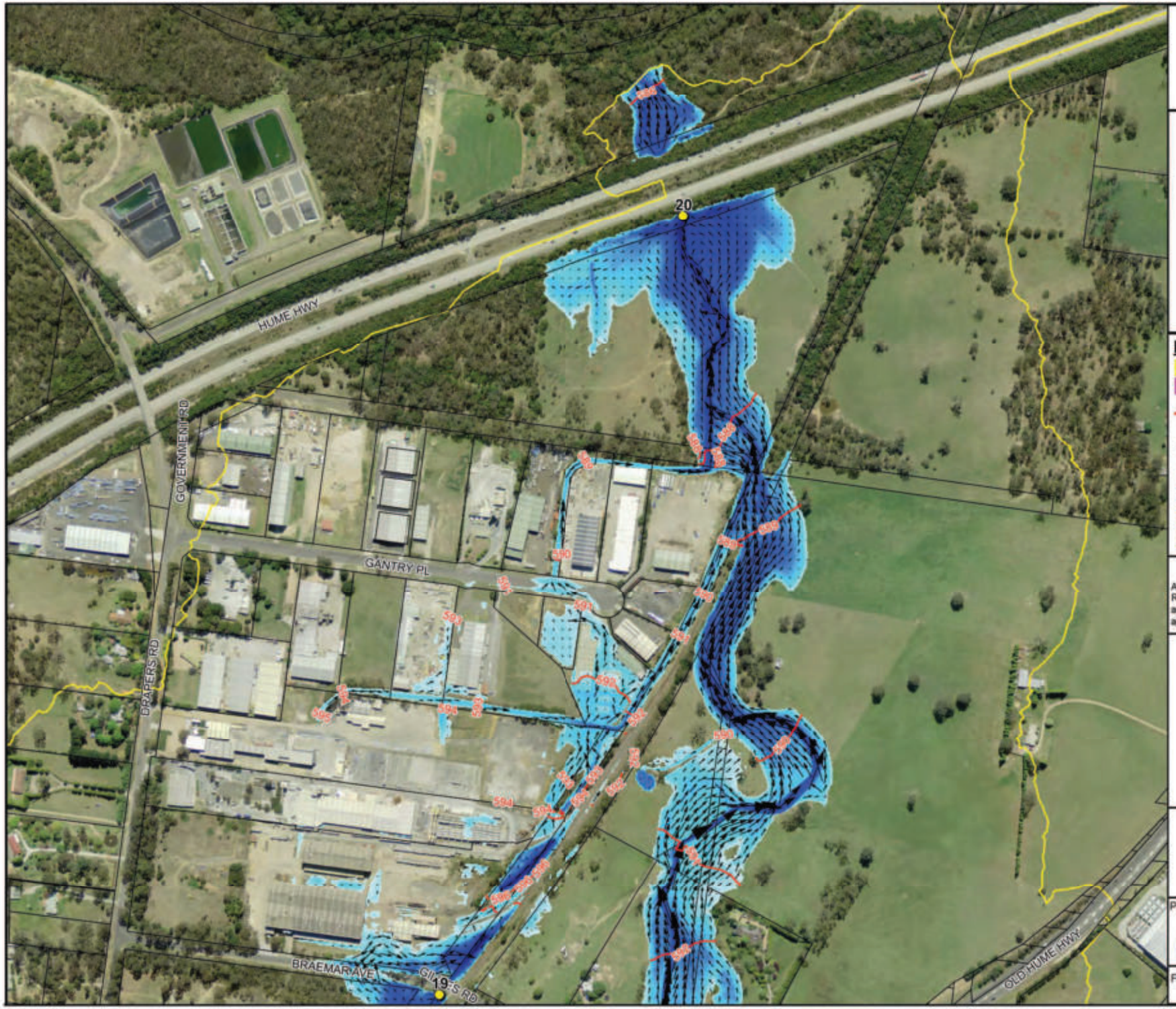
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

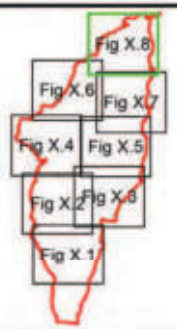
Figure 8.7: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.7 - 1% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 8.8: Floodwater Depths, Levels and Velocities for the 1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.8 - 1% AEP Depths, Levels and Velocities.wor

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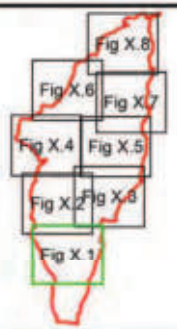


LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

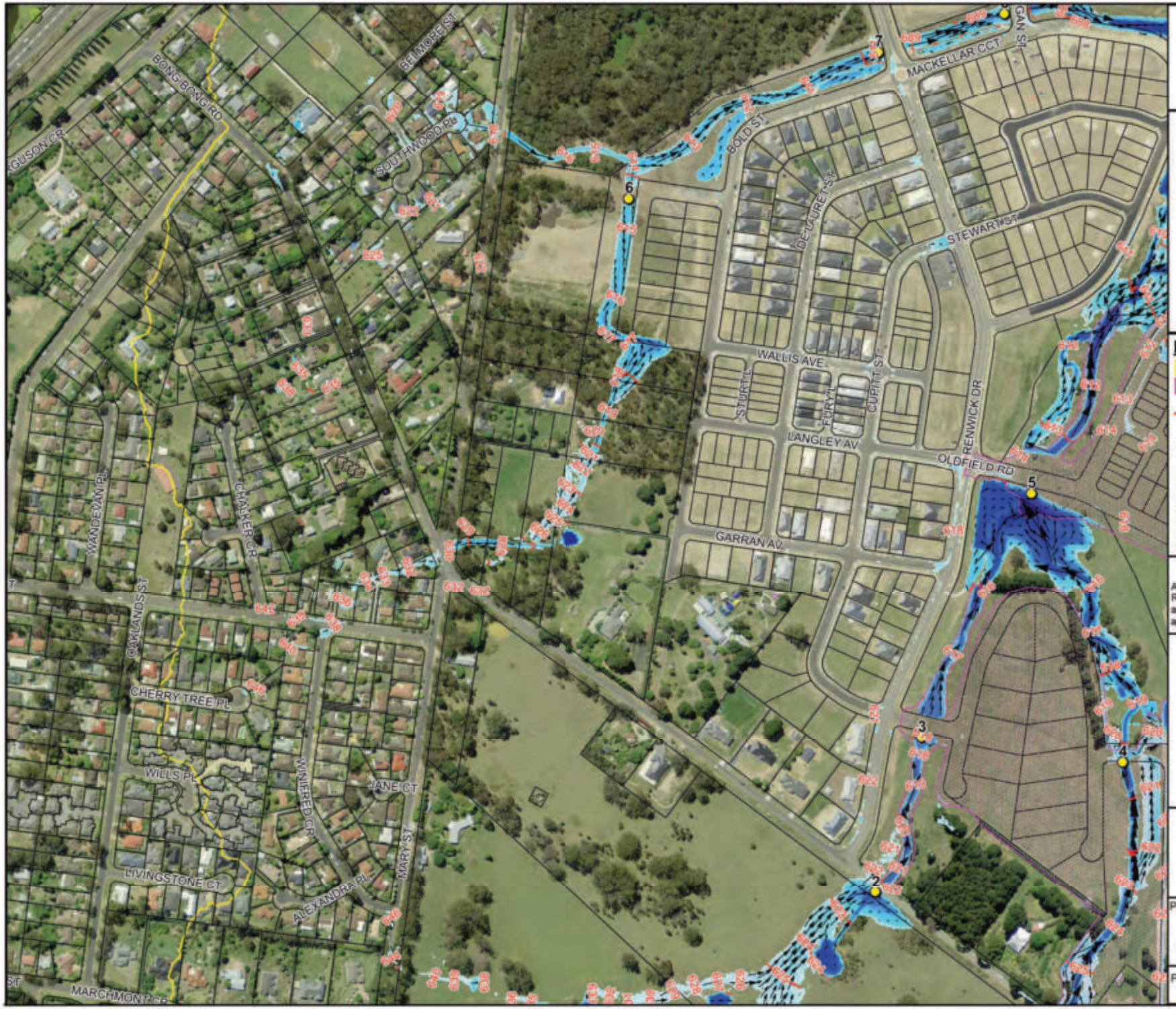
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

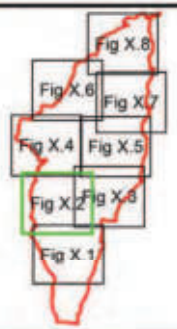
Figure 9.1: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.1 - 0.5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

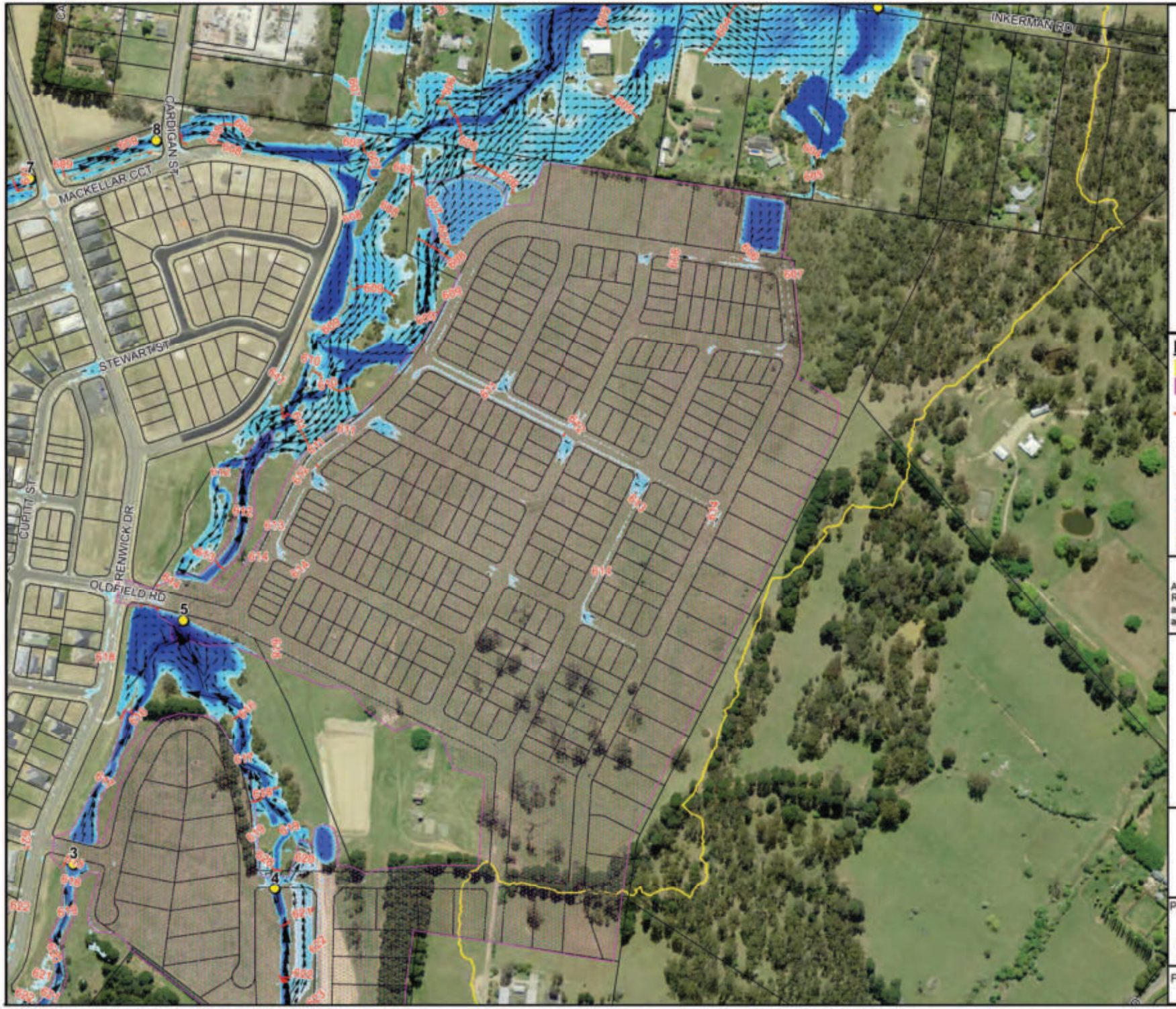
Scale 1:4,000 (at A3)

0 0.1 0.2
Km

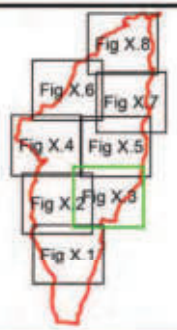
Figure 9.2: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.2 - 0.5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 9.3: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.3 - 0.5% AEP Depths, Levels and Velocities.wor

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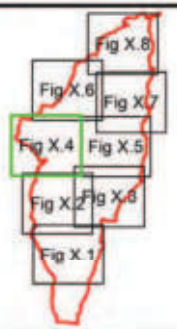

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
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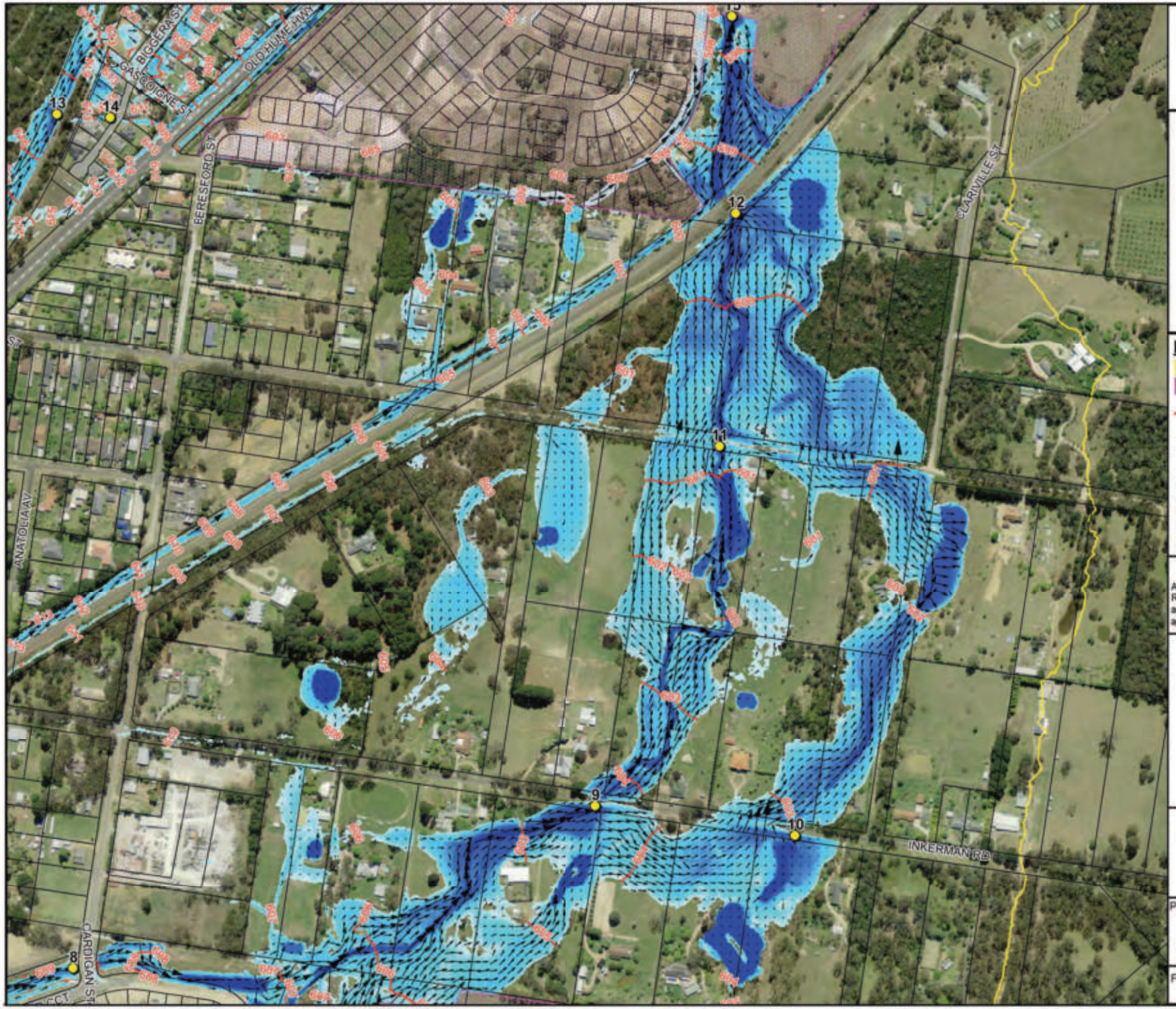
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

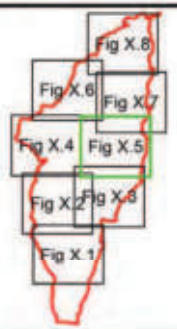
Figure 9.4: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.4 - 0.5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 420 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 9.5: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.5 - 0.5% AEP Depths, Levels and Velocities.wor

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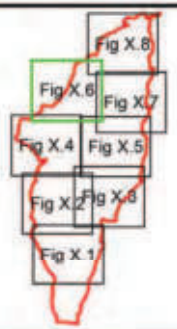

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2

Km

Figure 9.6: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.6 - 0.5% AEP Depths, Levels and Velocities.wor

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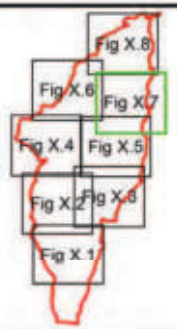

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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S

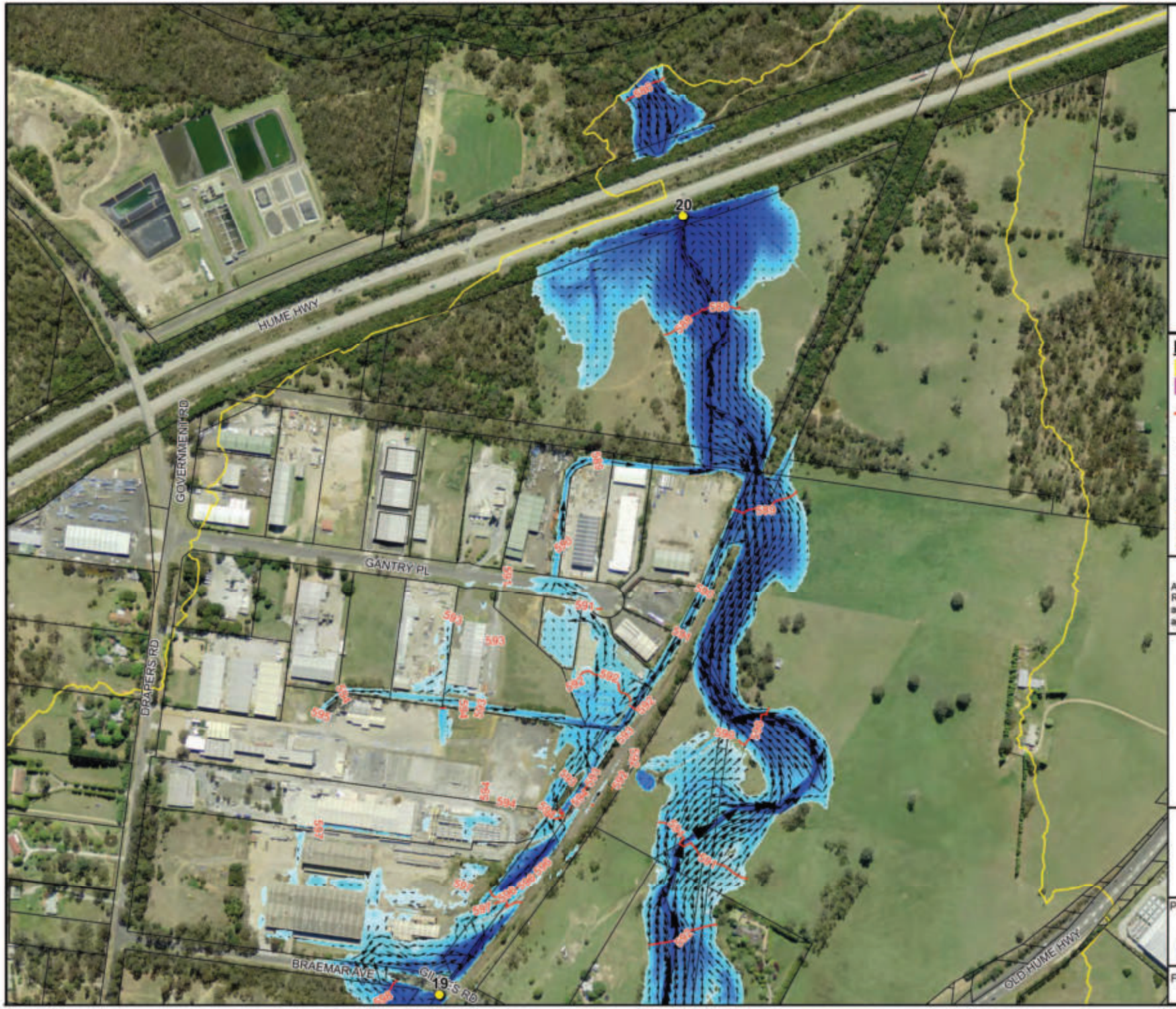
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

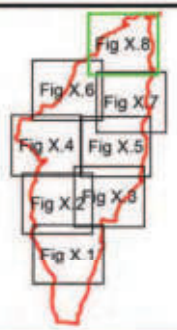
Figure 9.7: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.7 - 0.5% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 9.8: Floodwater Depths, Levels and Velocities for the 0.5% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.8 - 0.5% AEP Depths, Levels and Velocities.wor

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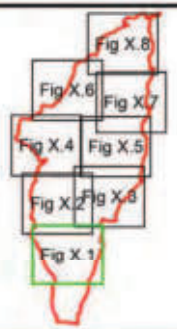

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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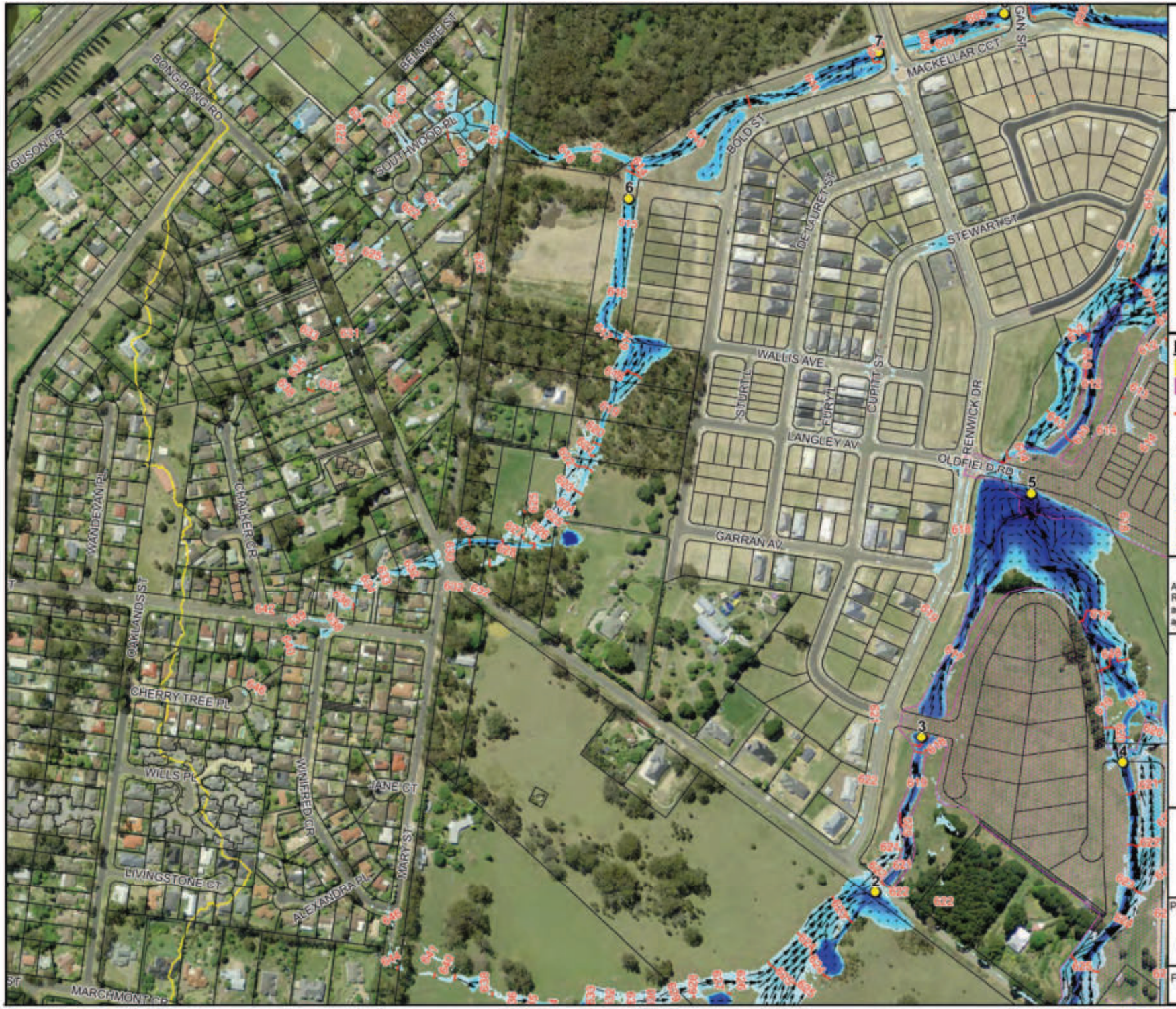
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

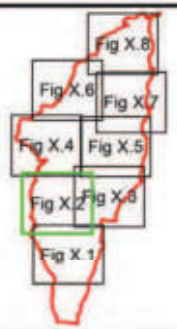
Figure 10.1: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.1 - 0.2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
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Scale 1:4,000 (at A3)

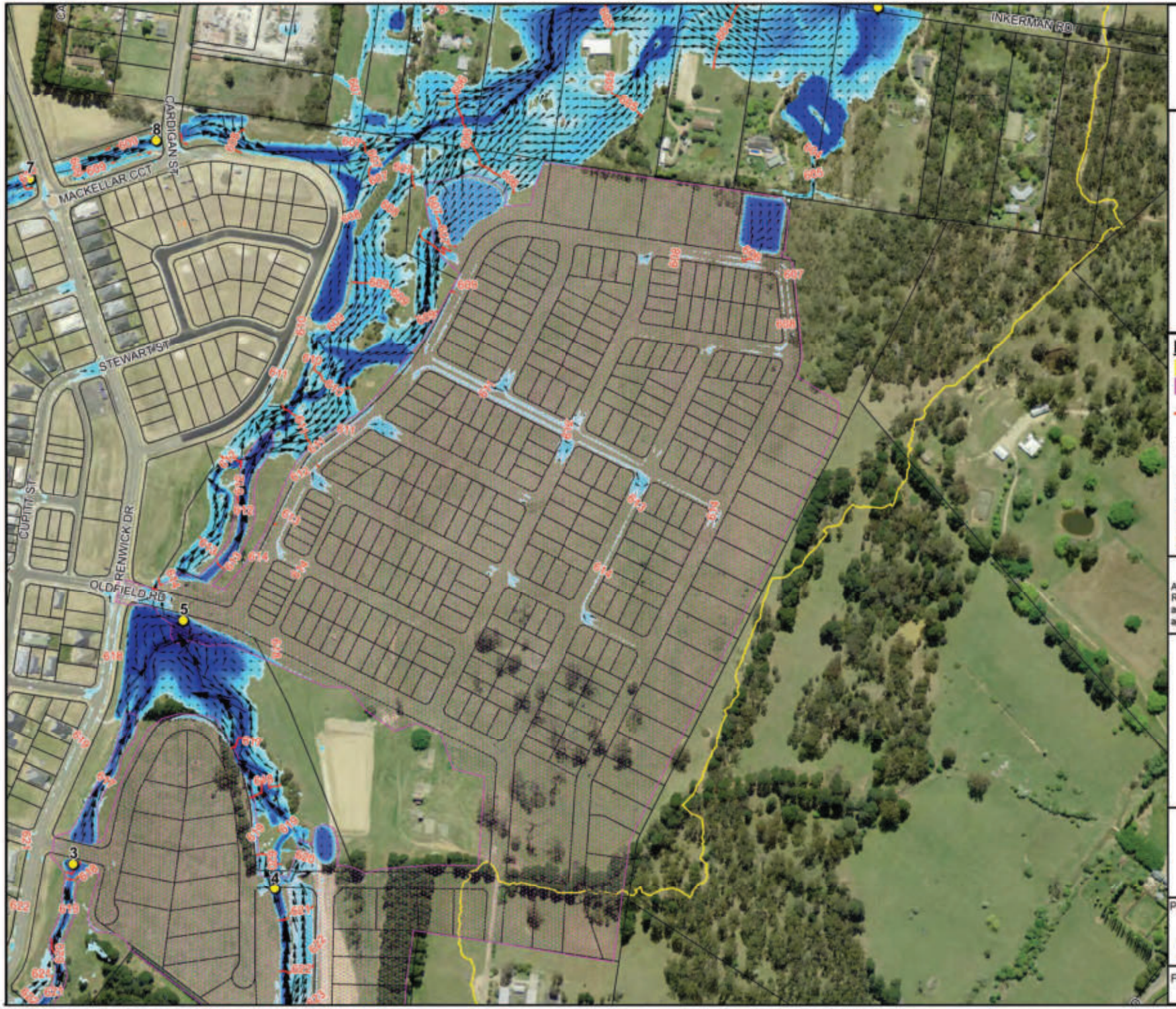
0 0.1 0.2 Km

Figure 10.2: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

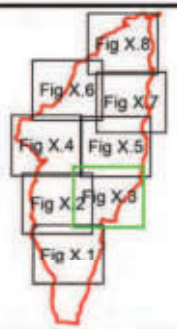
Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.2 - 0.2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Naltai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 10.3: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.3 - 0.2% AEP Depths, Levels and Velocities.wor

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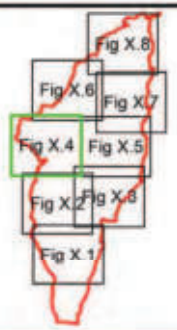

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
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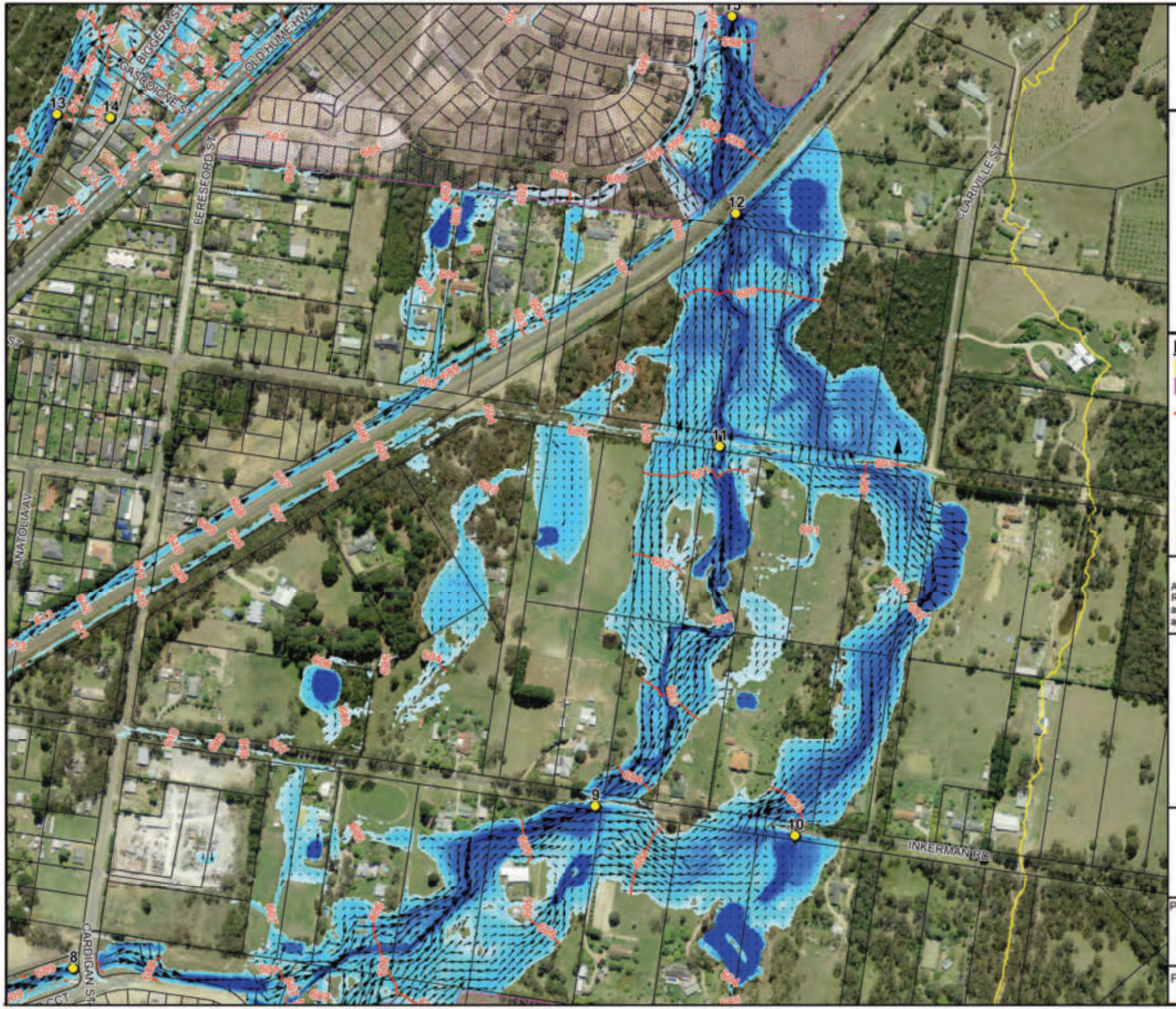
Scale 1:4,000 (at A3)

0 0.1 0.2
Km

Figure 10.4: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.4 - 0.2% AEP Depths, Levels and Velocities.wor



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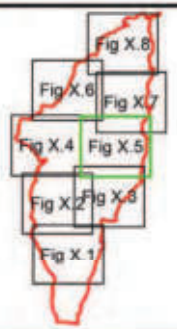

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 430 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
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Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 10.5: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.5 - 0.2% AEP Depths, Levels and Velocities.wor

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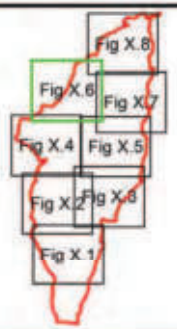

LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 10.6: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

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Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig10.6 - 0.2% AEP Depths, Levels and Velocities.wor

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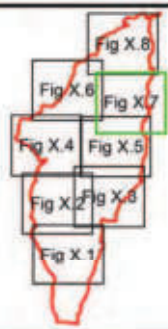


LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 620 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

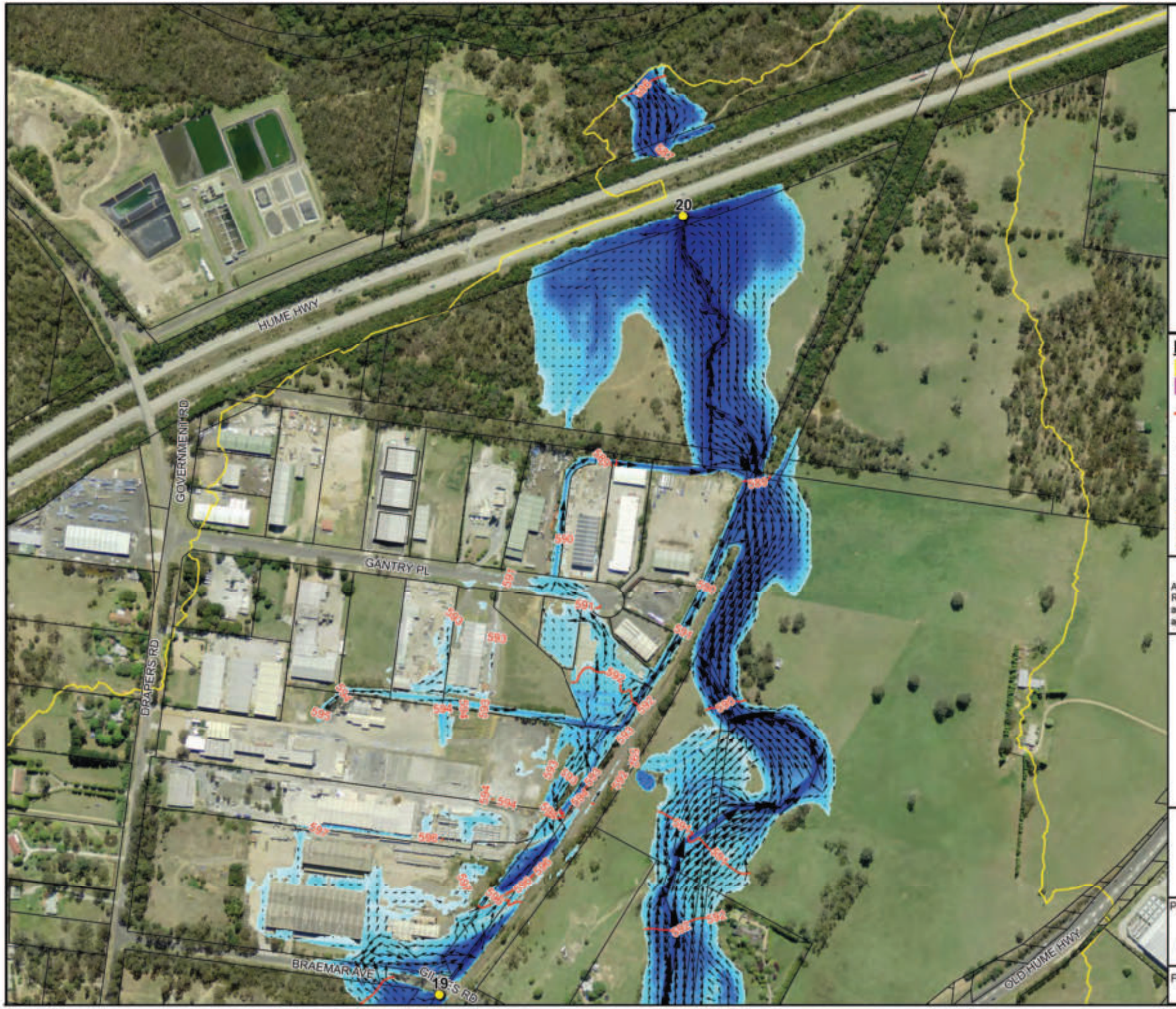
Scale 1:4,000 (at A3)

0 0.1 0.2 Km

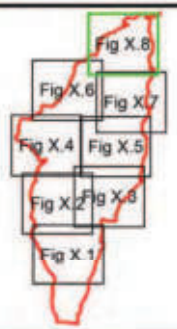
Figure 10.7: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.7 - 0.2% AEP Depths, Levels and Velocities.wor



WINGECARRIBEE SHIRE COUNCIL



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- 630 Peak Water Level Contour (mAHD)
- Design Flood Level Point

Depths (m)	Velocity Vector (m/s)
0.1	0.5 m/s
0.2	1 m/s
0.3	2 m/s
0.5	
1.0	
2.0	
3.0	

Notes:

Aerial photograph date: September 2013
Results within future development areas based on assumed elevations and results should be verified against final topography before use.

N
W E
S

Scale 1:4,000 (at A3)

0 0.1 0.2 Km

Figure 10.8: Floodwater Depths, Levels and Velocities for the 0.2% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.8 - 0.2% AEP Depths, Levels and Velocities.wor