

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.



Scale 1:4,000 (at A3)

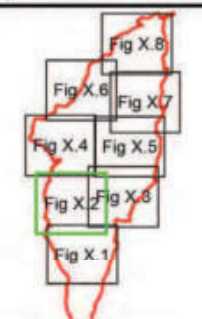
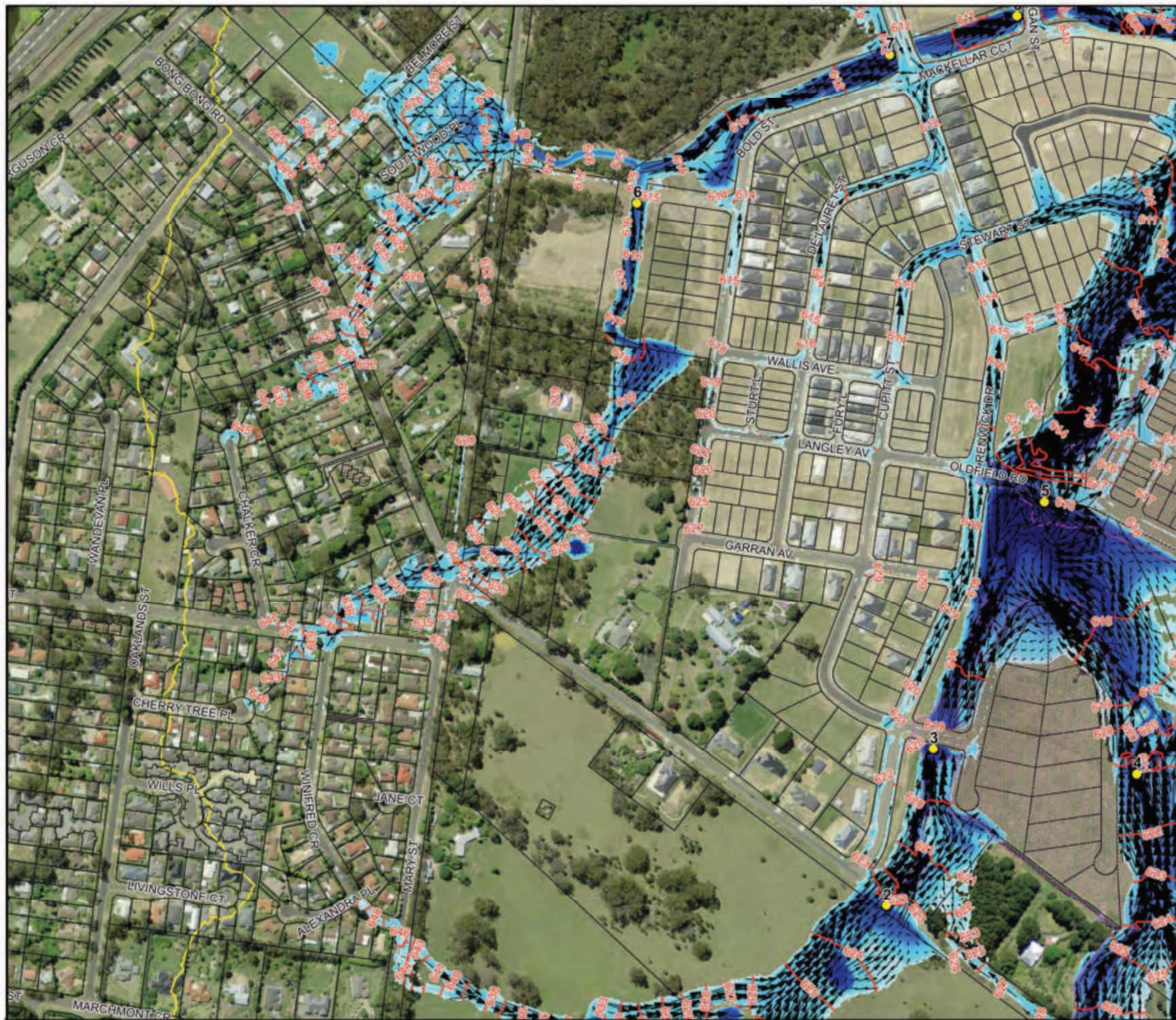


Figure 11.1:
Floodwater Depths,
Levels and Velocities
for the PMF

Prepared By:

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

File Name: Fig11.1 - PMF Depths,
Levels and Velocities.wor



LEGEND

- Nattai Ponds Study Area
 - Future Development Area (Design elevations adopted)
 - 620 Peak Water Level Contour (mAH)
 - 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.



Scale 1:4,000 (at A3)

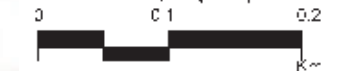
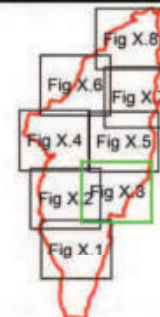
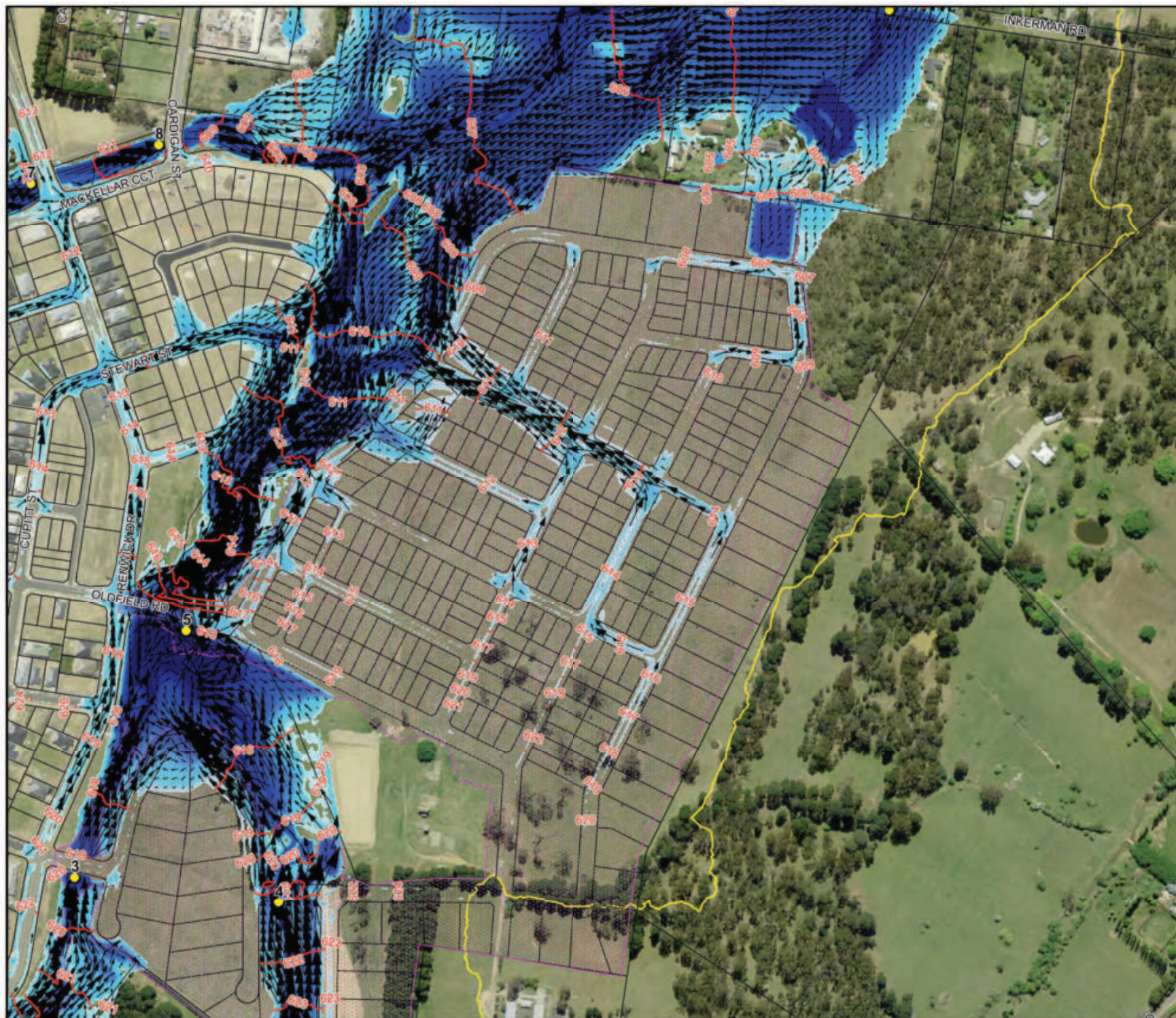


Figure 11.2:
Floodwater Depths,
Levels and Velocities
for the PMF

Prepared By:

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

File Name: Fig11.2 - PMF Depths,
Levels and Velocities.wor



LEGEND

	Nattai Ponds Study Area
	Future Development Area (Design elevations adopted)
	Peak Water Level Contour (mAH0)
	Design Flood Level Point
Depths (m)	Velocity Vector (m/s)
	0.1
	0.2
	0.3
	0.5
	1.0
	2.0
	3.0
	0.5 m/s
	1 m/s
	2 m/s

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.



Scale 1:4,000 (at A3)

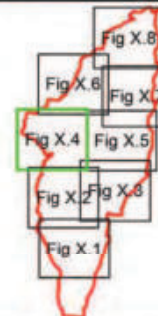


Figure 11.3:
Floodwater Depths,
Levels and Velocities
for the PMF















Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig11.3 - PMF Depths,
Levels and Velocities.wor



LEGEND

	Nattai Ponds Study Area
	Future Development Area (Design elevations adopted)
	Peak Water Level Contour (mAHD)
	Design Flood Level Point
Depths (m)	
	0.1
	0.2
	0.3
	0.5
	1.0
	2.0
	3.0
Velocity Vector (m/s)	
	0.5 m/s
	1 m/s
	2 m/s

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.



Scale 1:4,000 (at A3)

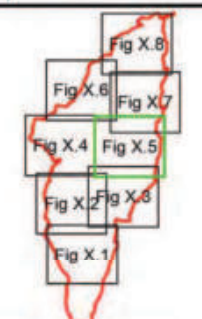
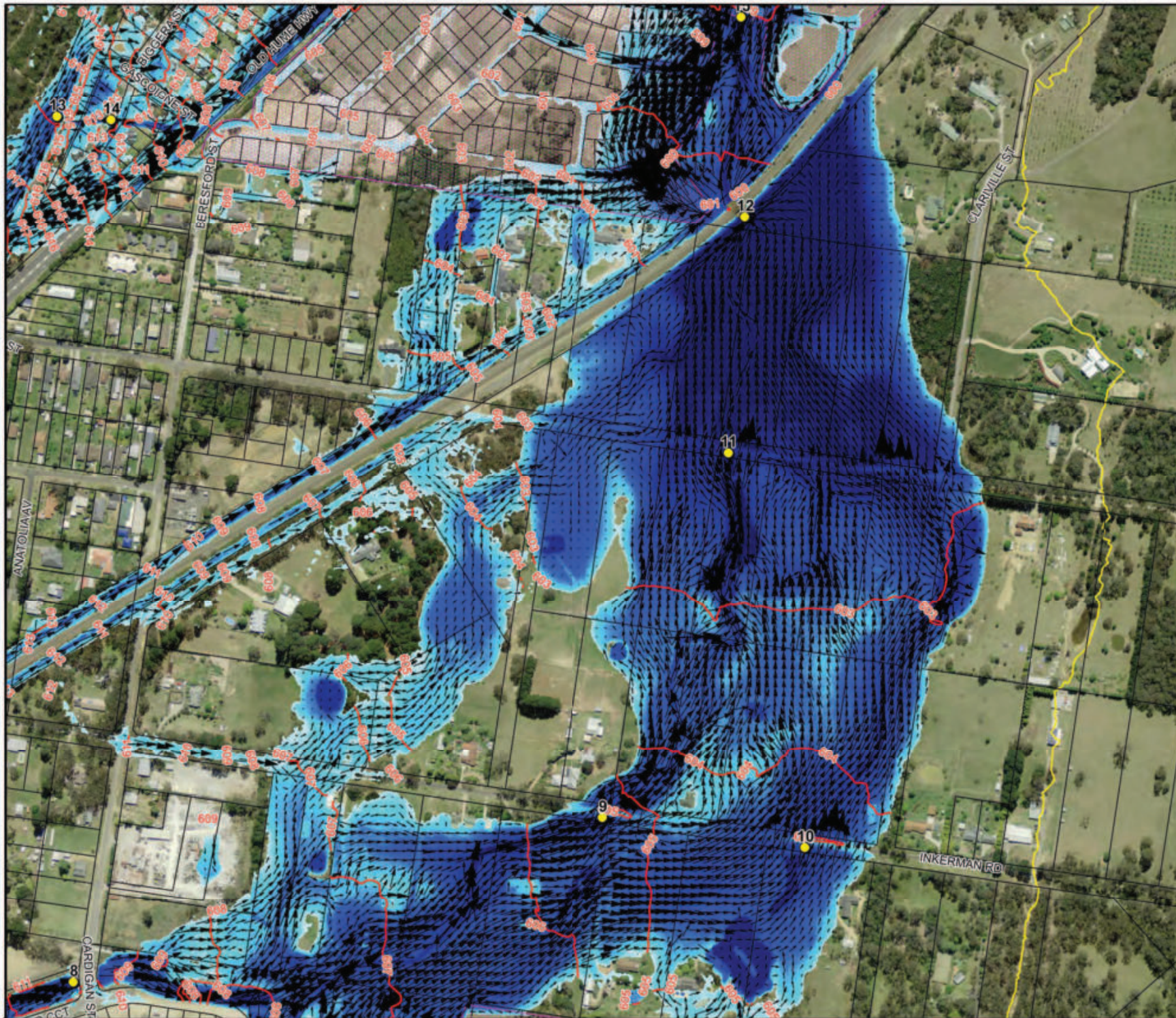


Figure 11.4:
Floodwater Depths,
Levels and Velocities
for the PMF

Prepared By:

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

File Name: Fig11.4 - PMF Depths,
Levels and Velocities.wor



LEGEND

- Nattai Ponds Study Area
 - Future Development Area (Design elevations adopted)
 - 420 Peak Water Level Contour (mAHQ)
 - 10 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.



Scale 1:4,000 (at A3)

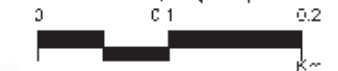
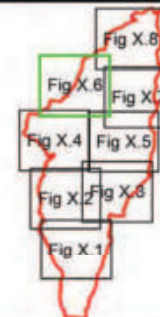


Figure 11.5:
Floodwater Depths,
Levels and Velocities
for the PMF















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 Sydney, NSW 2000

File Name: Fig11.5 - PMF Depths,
 Levels and Velocities.wor



LEGEND

	Nattai Ponds Study Area
	Future Development Area (Design elevations adopted)
	Peak Water Level Contour (mAHOD)
	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.




Scale 1:4,000 (at A3)

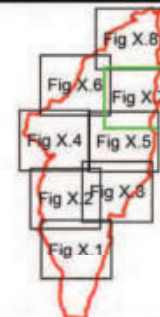
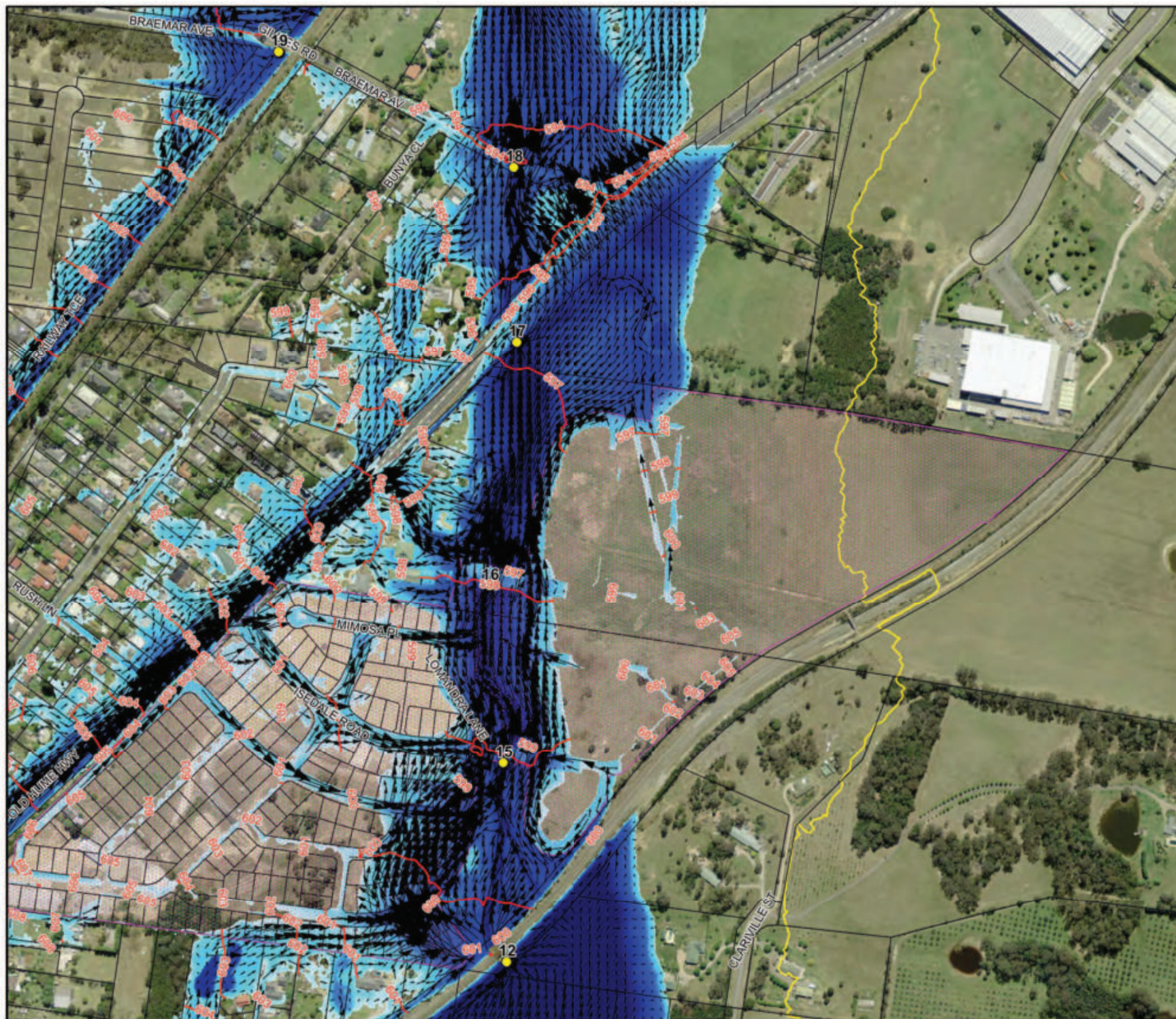


Figure 11.6:
Floodwater Depths,
Levels and Velocities
for the PMF















Prepared By:

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

File Name: Fig11.6 - PMF Depths,
Levels and Velocities.wor



LEGEND

	Nattai Ponds Study Area
	Future Development Area (Design elevations adopted)
	Peak Water Level Contour (mAHD)
	Design Flood Level Point
Depths (m)	
	0.1
	0.2
	0.3
	0.5
	1.0
	2.0
	3.0
Velocity Vector (m/s)	
	0.5 m/s
	1 m/s
	2 m/s

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.



Scale 1:4,000 (at A3)

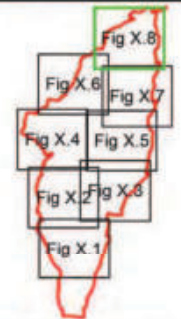
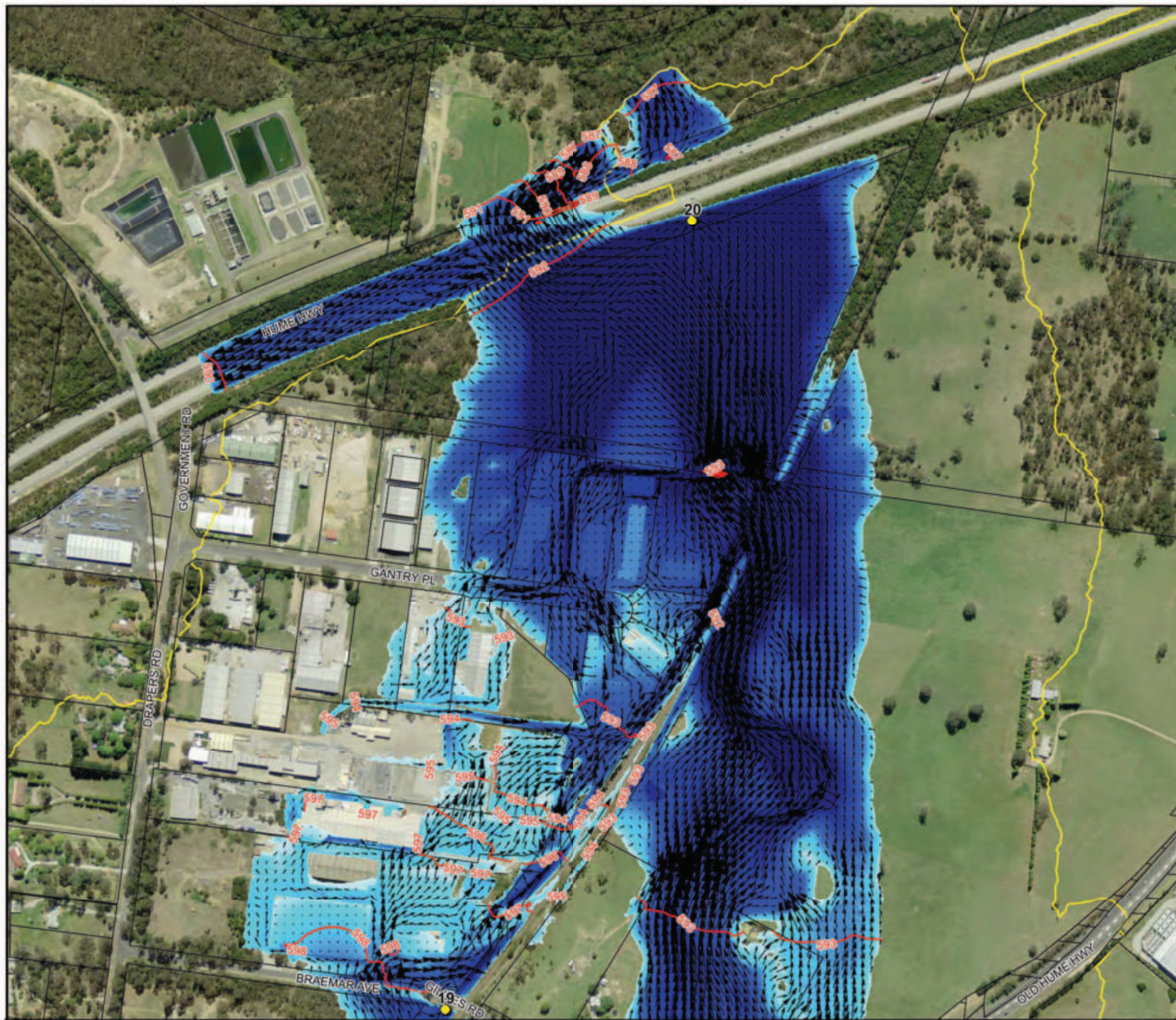


Figure 11.7:
Floodwater Depths,
Levels and Velocities
for the PMF















Prepared By:

Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig11.7 - PMF Depths,
Levels and Velocities.wor



LEGEND

	Nattai Ponds Study Area
	Future Development Area (Design elevations adopted)
	620 Peak Water Level Contour (mAHD)
	20 Design Flood Level Point
Depths (m)	
	0.1
	0.2
	0.3
	0.5
	1.0
	2.0
	3.0
Velocity Vector (m/s)	
	0.5 m/s
	1 m/s
	2 m/s

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.



Scale 1:4,000 (at A3)



Figure 11.8:
Floodwater Depths,
Levels and Velocities
for the PMF

Prepared By:

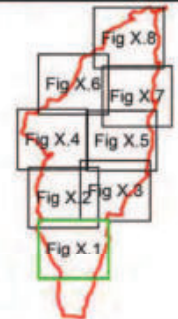
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.8 - PMF Depths,
Levels and Velocities.wor



FLOOD HAZARD MAPS





LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.




Scale 1:4,000 (at A3)

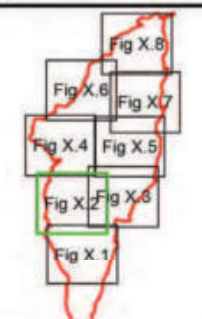


**Figure 12.1:
10% AEP Flood
Hazard**






Prepared By:

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

File Name: Fig12.1 - 10% AEP Flood
Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
-  Low
-  Transition
-  High

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.



Scale 1:4,000 (at A3)

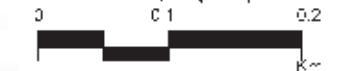

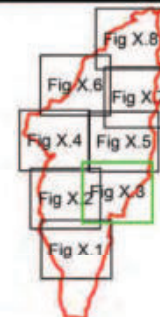
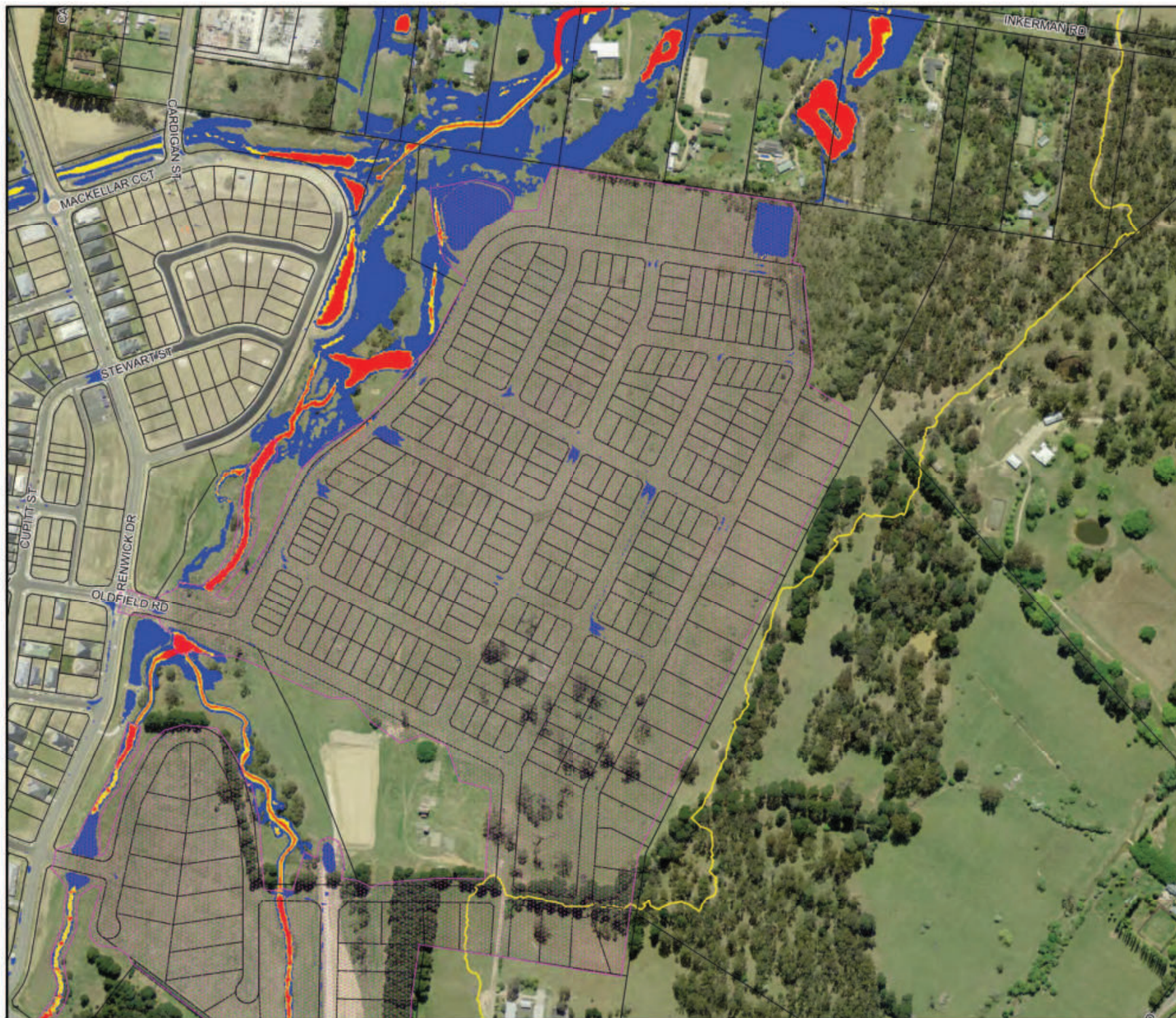


Figure 12.2:
10% AEP Flood Hazard

Prepared By:

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

File Name: Fig12.2 - 10% AEP Flood Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

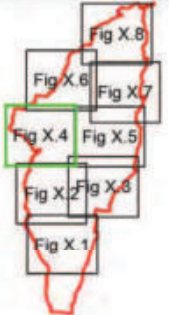


**Figure 12.3:
10% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig12.3 - 10% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



Scale 1:4,000 (at A3)

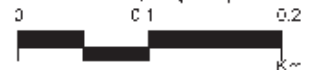
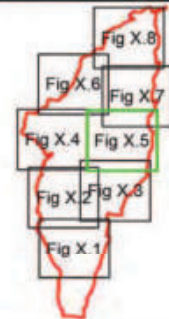
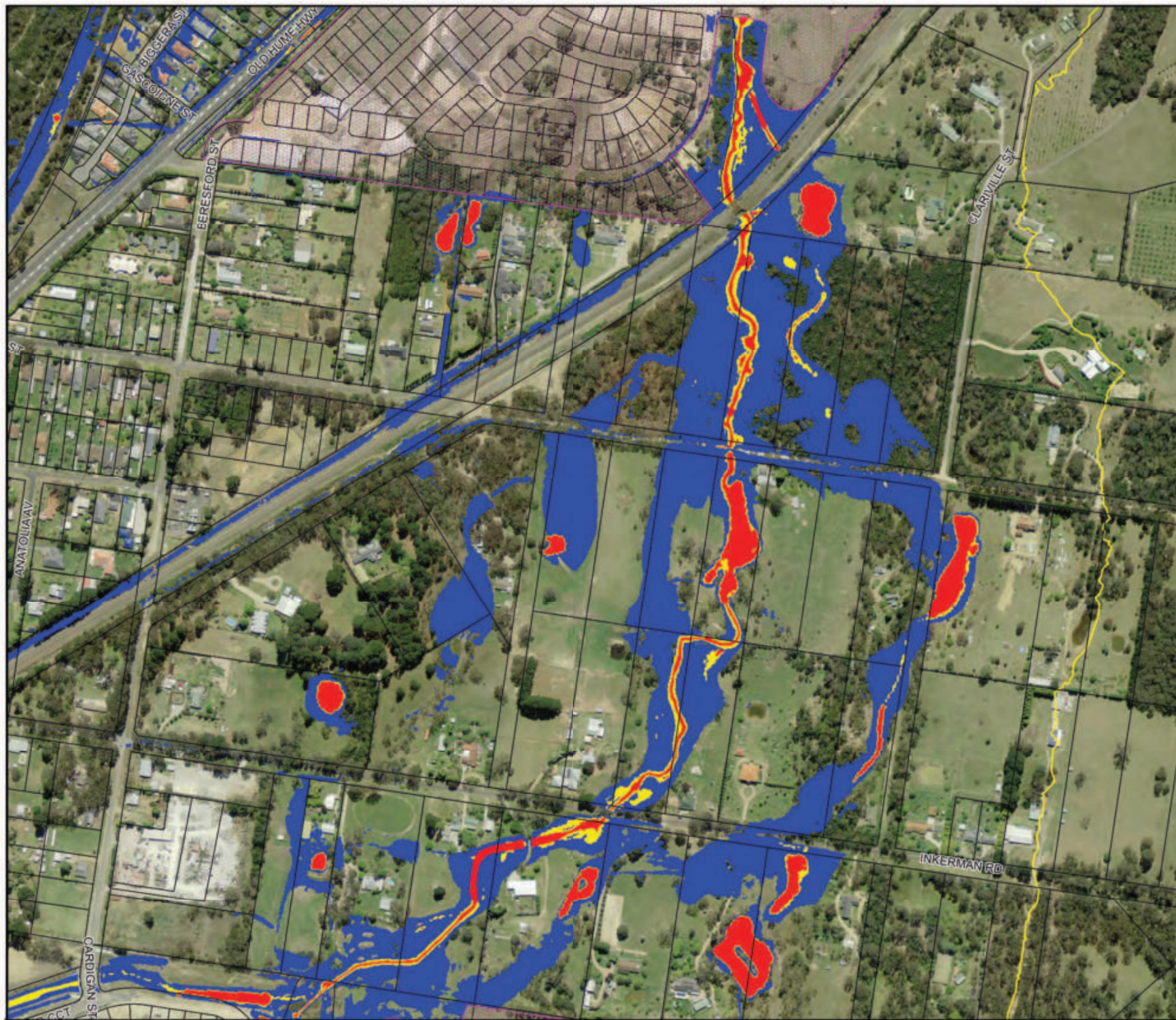


Figure 12.4:
10% AEP Flood
Hazard

Prepared By:

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

File Name: Fig12.4 - 10% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.



Scale 1:4,000 (at A3)

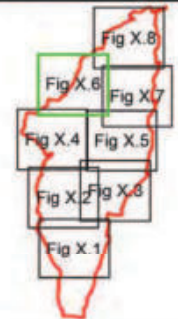


**Figure 12.5:
10% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig12.5 - 10% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category
 - Low
 - Transition
 - High

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.



Scale 1:4,000 (at A3)

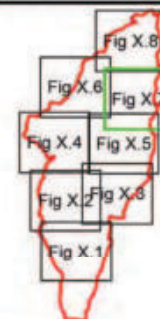


Figure 12.6:
10% AEP Flood Hazard

Prepared By:

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

File Name: Fig12.6 - 10% AEP Flood Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.




Scale 1:4,000 (at A3)

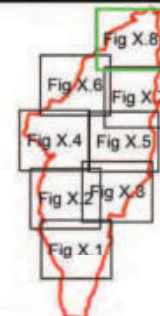
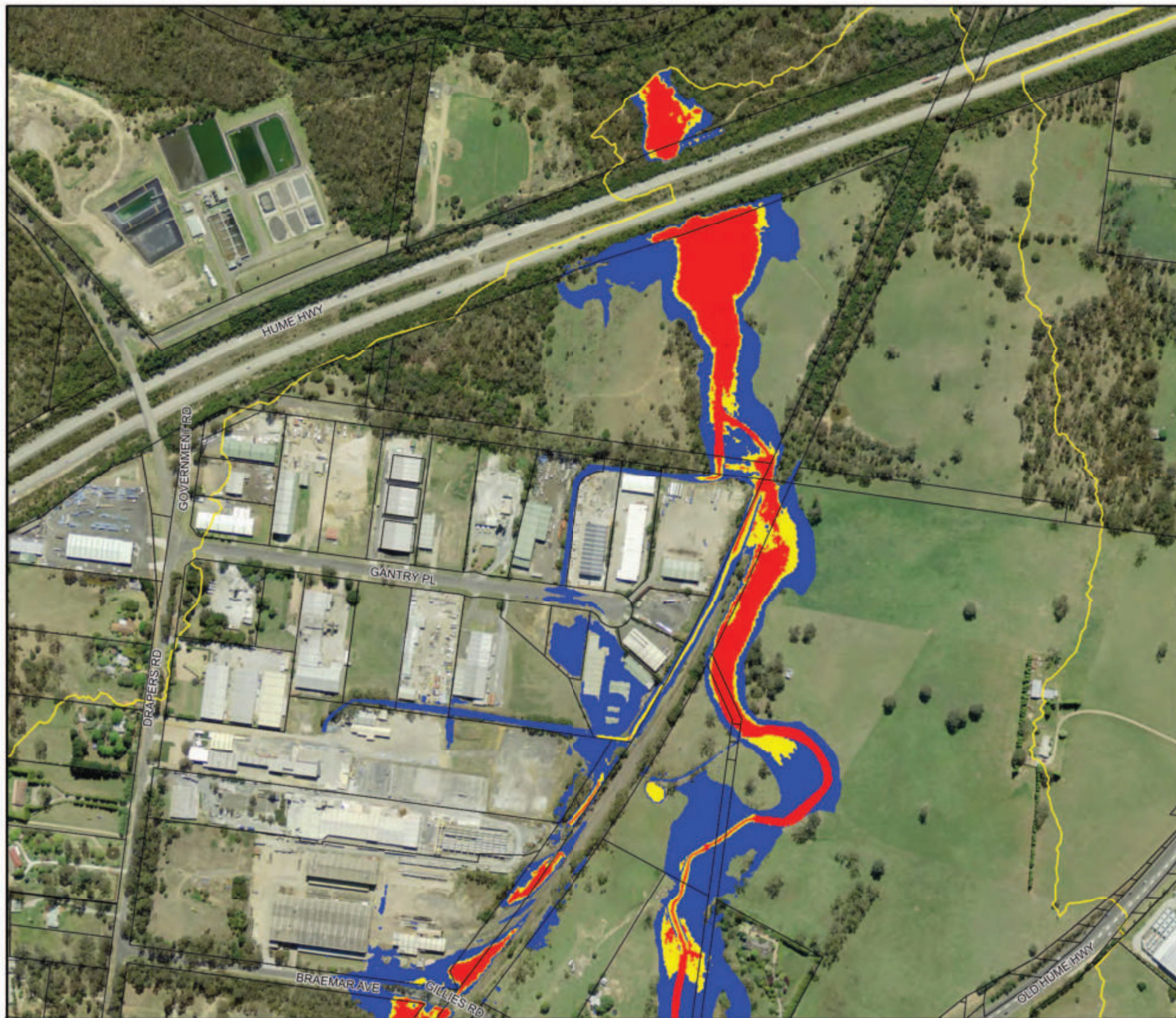


Figure 12.7:
10% AEP Flood Hazard

Prepared By:

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

File Name: Fig12.7 - 10% AEP Flood Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

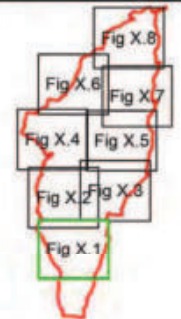


**Figure 12.8:
10% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig12.8 - 10% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



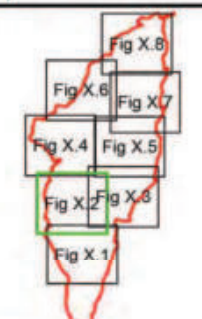
Scale 1:4,000 (at A3)
0 0.1 0.2
K~

**Figure 13.1:
1% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig13.1 - 1% AEP Flood
Hazard.wor



LEGEND

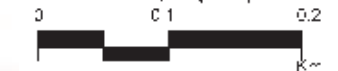
- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.



Scale 1:4,000 (at A3)

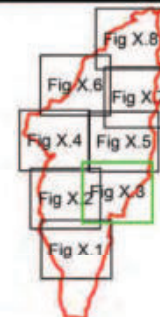
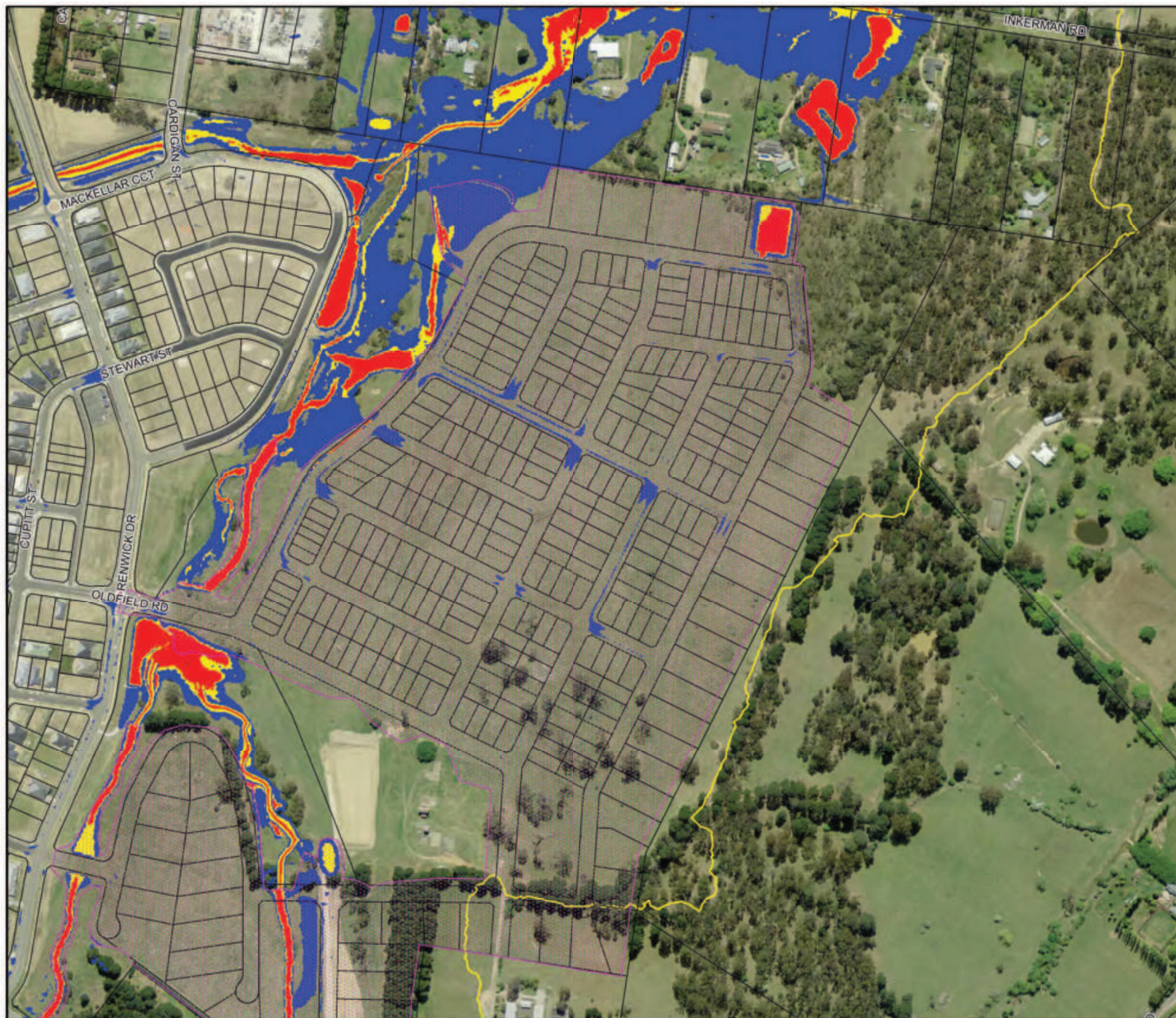


**Figure 13.2:
1% AEP Flood Hazard**

Prepared By:

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

File Name: Fig13.2 - 1% AEP Flood Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



Scale 1:4,000 (at A3)

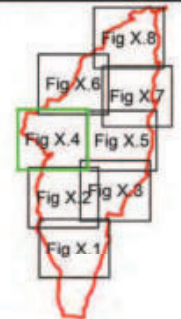


**Figure 13.3:
1% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig13.3 - 1% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.




Scale 1:4,000 (at A3)

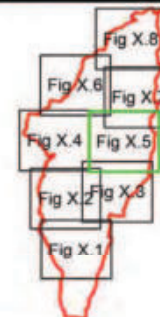
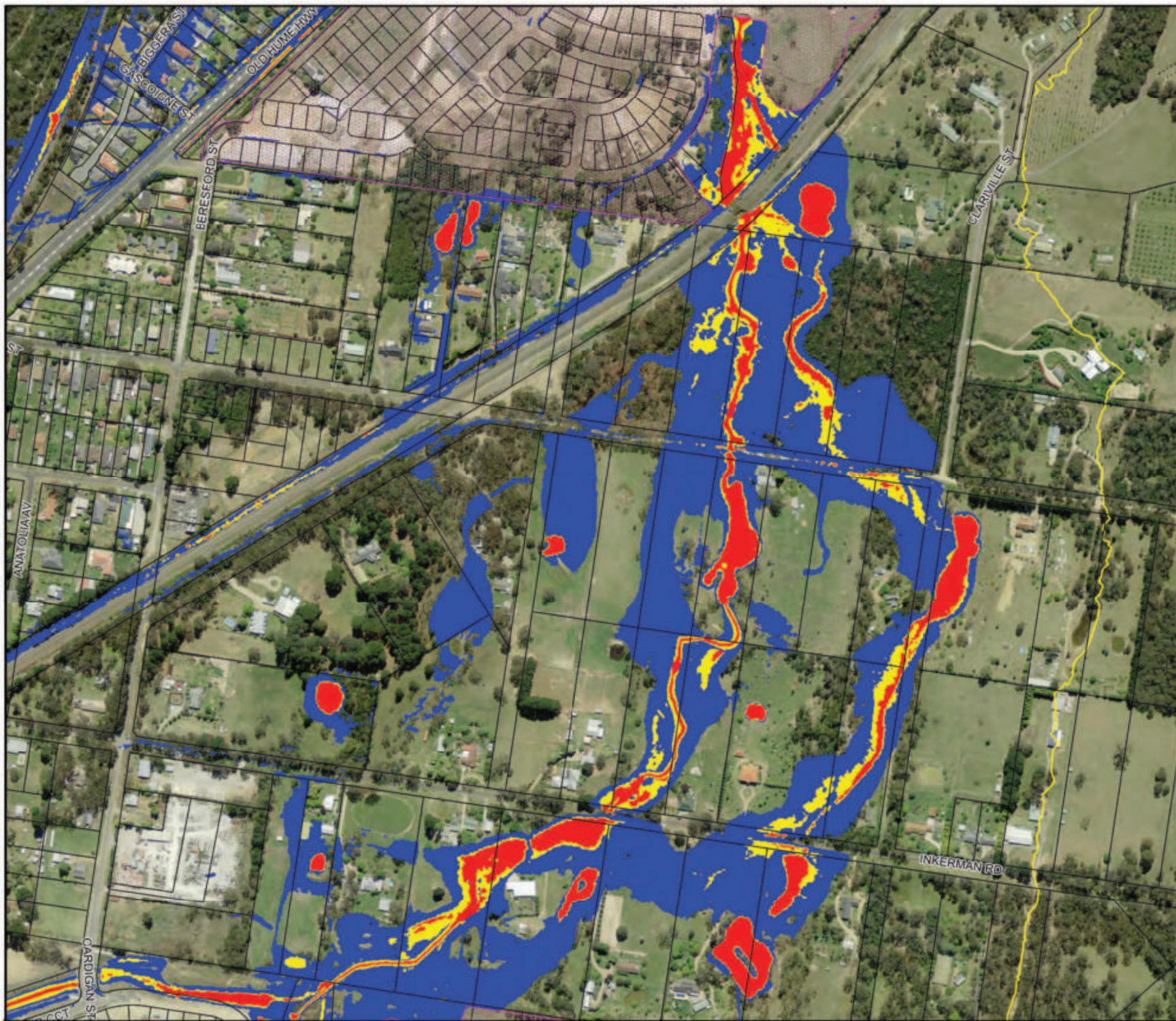


Figure 13.4:
1% AEP Flood Hazard

Prepared By:


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

File Name: Fig13.4 - 1% AEP Flood Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.




Scale 1:4,000 (at A3)

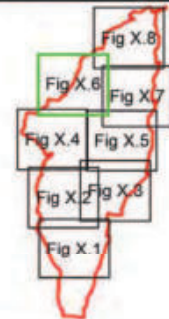


**Figure 13.5:
1% AEP Flood
Hazard**






Prepared By:

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

File Name: Fig13.5 - 1% AEP Flood
Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

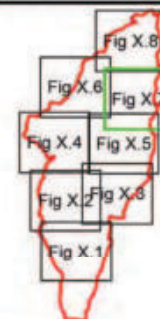


**Figure 13.6:
1% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig13.6 - 1% AEP Flood
Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category
 -  Low
 -  Transition
 -  High

Notes:

Aerial photograph date: September 2013
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Scale 1:4,000 (at A3)

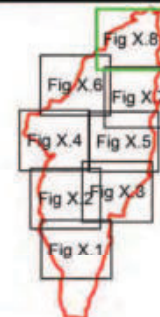
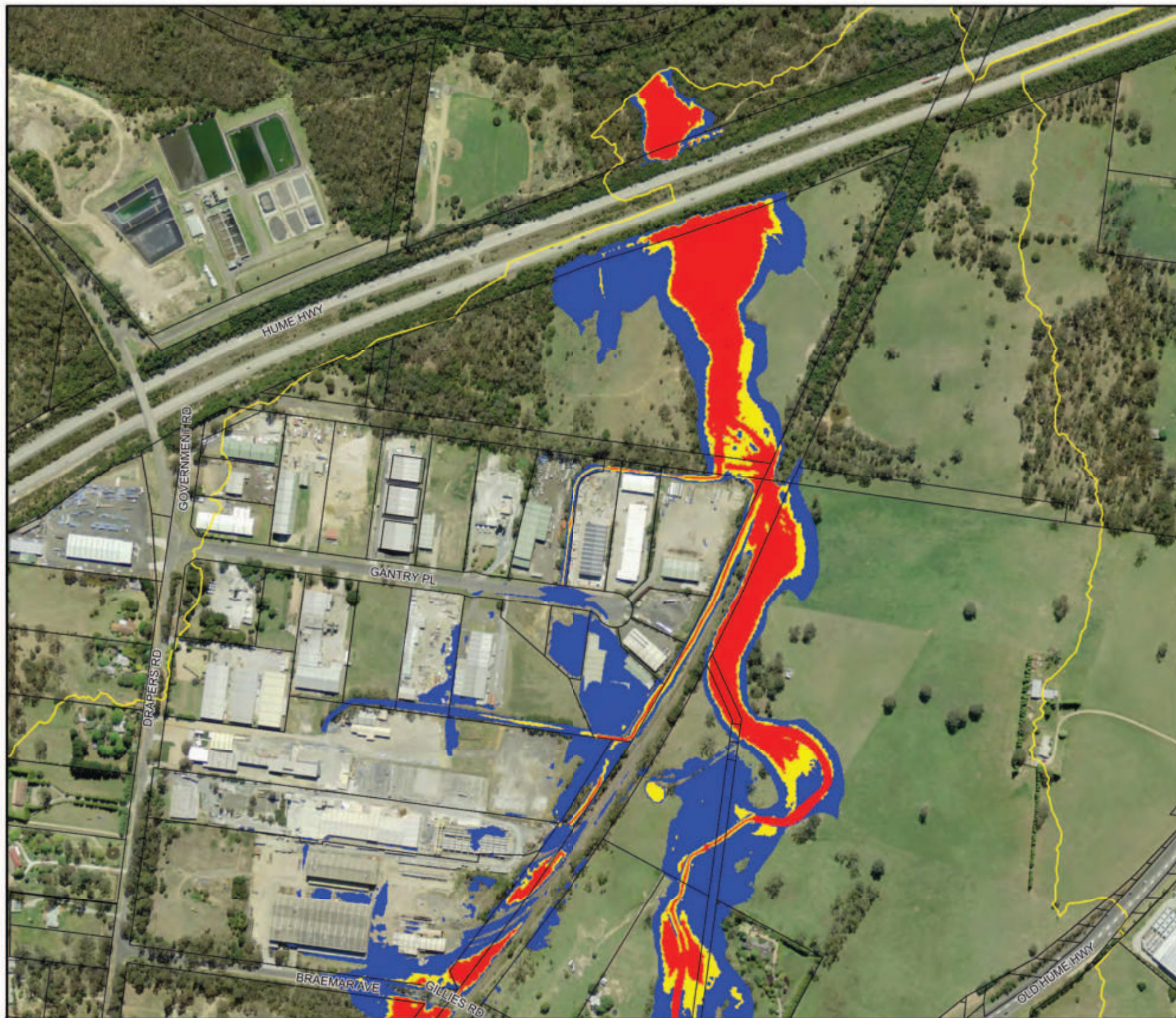


**Figure 13.7:
1% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig13.7 - 1% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



Scale 1:4,000 (at A3)

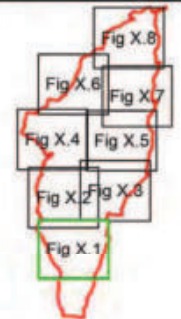


**Figure 13.8:
1% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig13.8 - 1% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



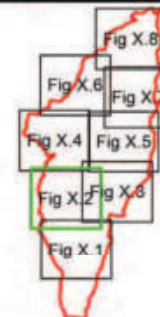
Scale 1:4,000 (at A3)
0 0.1 0.2
K~

**Figure 14.1:
0.5% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig14.1 - 0.5% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.



Scale 1:4,000 (at A3)

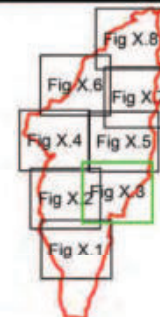
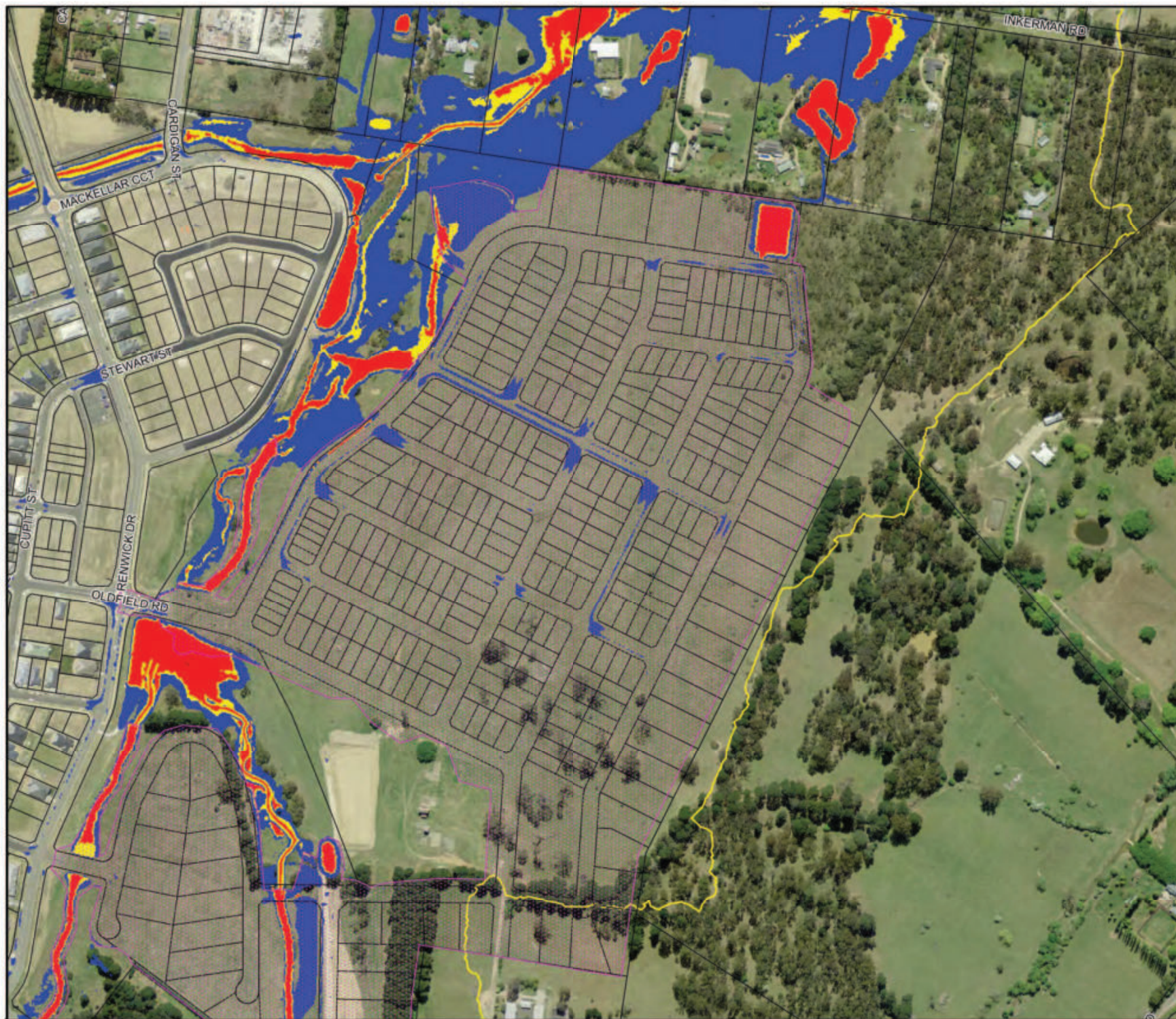


**Figure 14.2:
0.5% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig14.2 - 0.5% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.



Scale 1:4,000 (at A3)

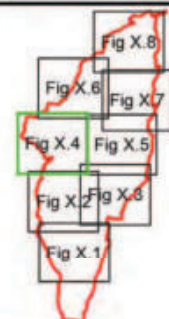


**Figure 14.3:
0.5% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig14.3 - 0.5% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
- Low
- Transition
- High

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.



Scale 1:4,000 (at A3)

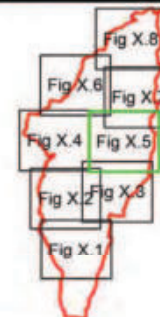
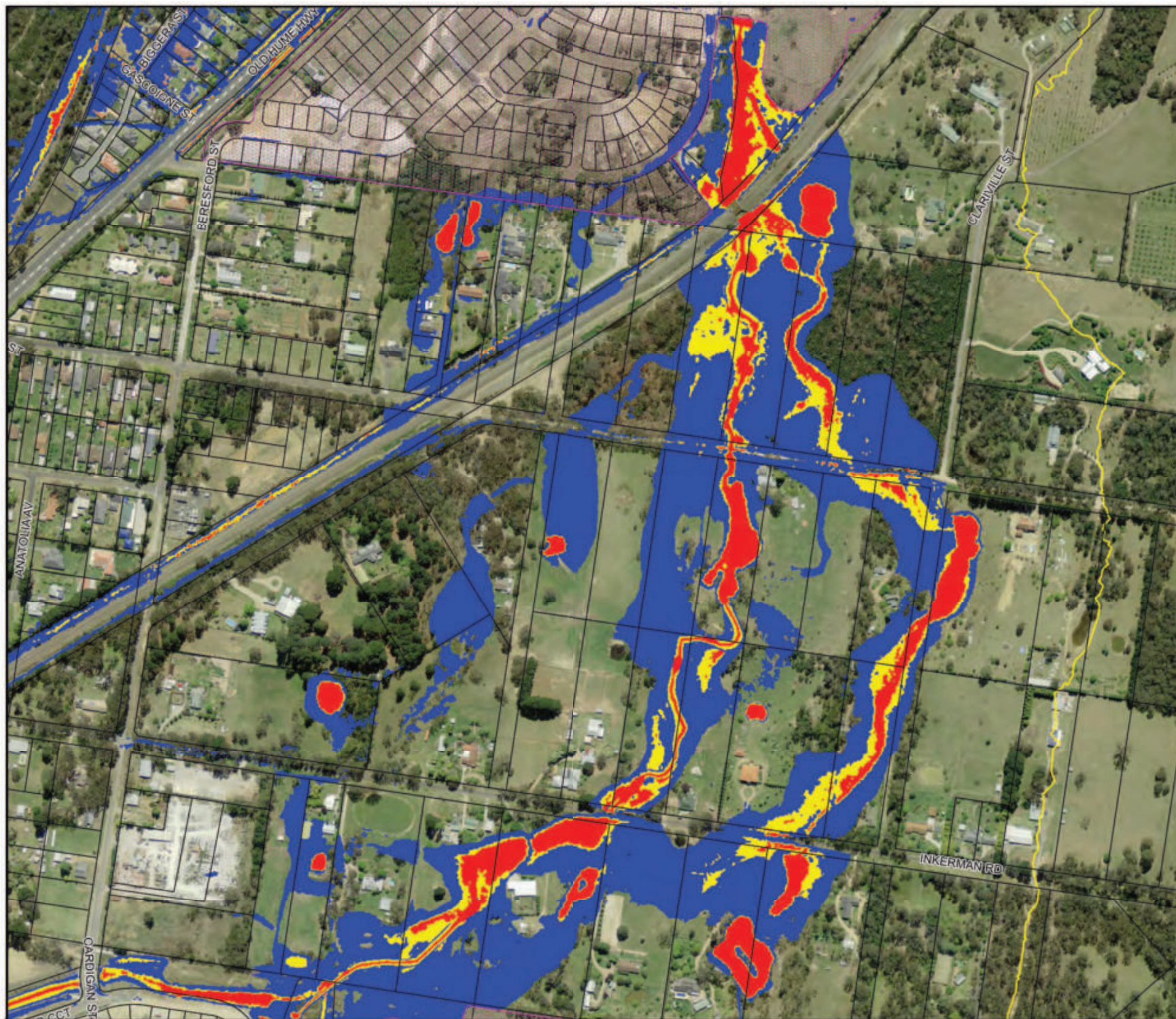


Figure 14.4:
0.5% AEP Flood
Hazard

Prepared By:

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

File Name: Fig14.4 - 0.5% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.




Scale 1:4,000 (at A3)

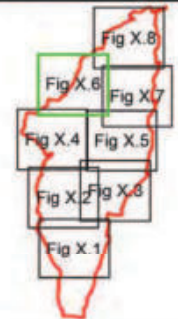


Figure 14.5:
0.5% AEP Flood Hazard






Prepared By:

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

File Name: Fig14.5 - 0.5% AEP Flood Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

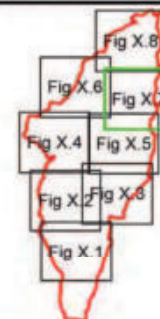


Figure 14.6:
0.5% AEP Flood
Hazard

Prepared By:

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

File Name: Fig14.6 - 0.5% AEP Flood
Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area (Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.




Scale 1:4,000 (at A3)

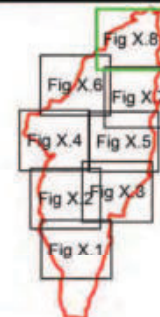
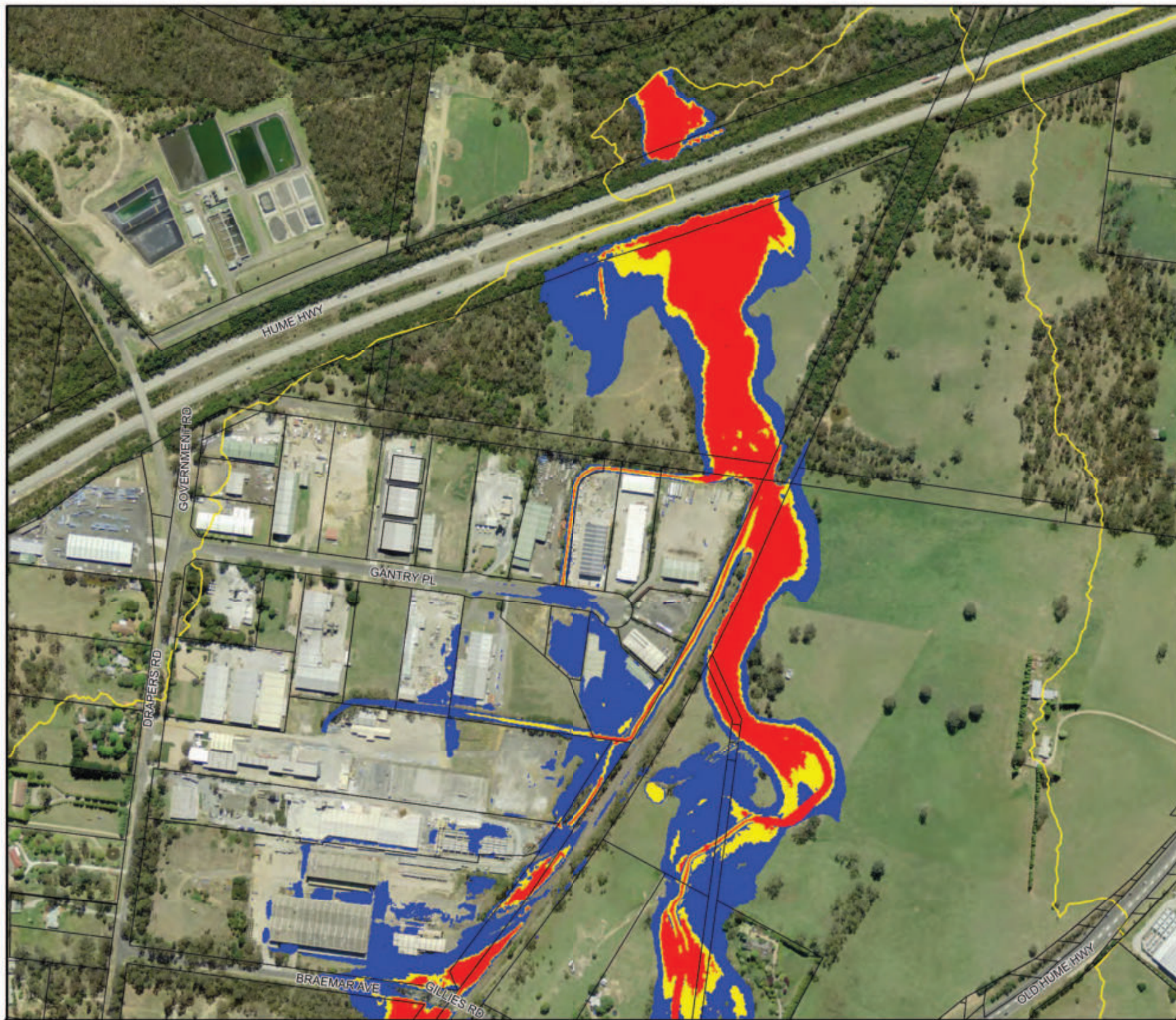


**Figure 14.7:
0.5% AEP Flood
Hazard**

Prepared By:

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

File Name: Fig14.7 - 0.5% AEP Flood
Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area (Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

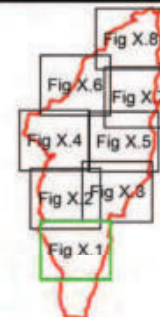
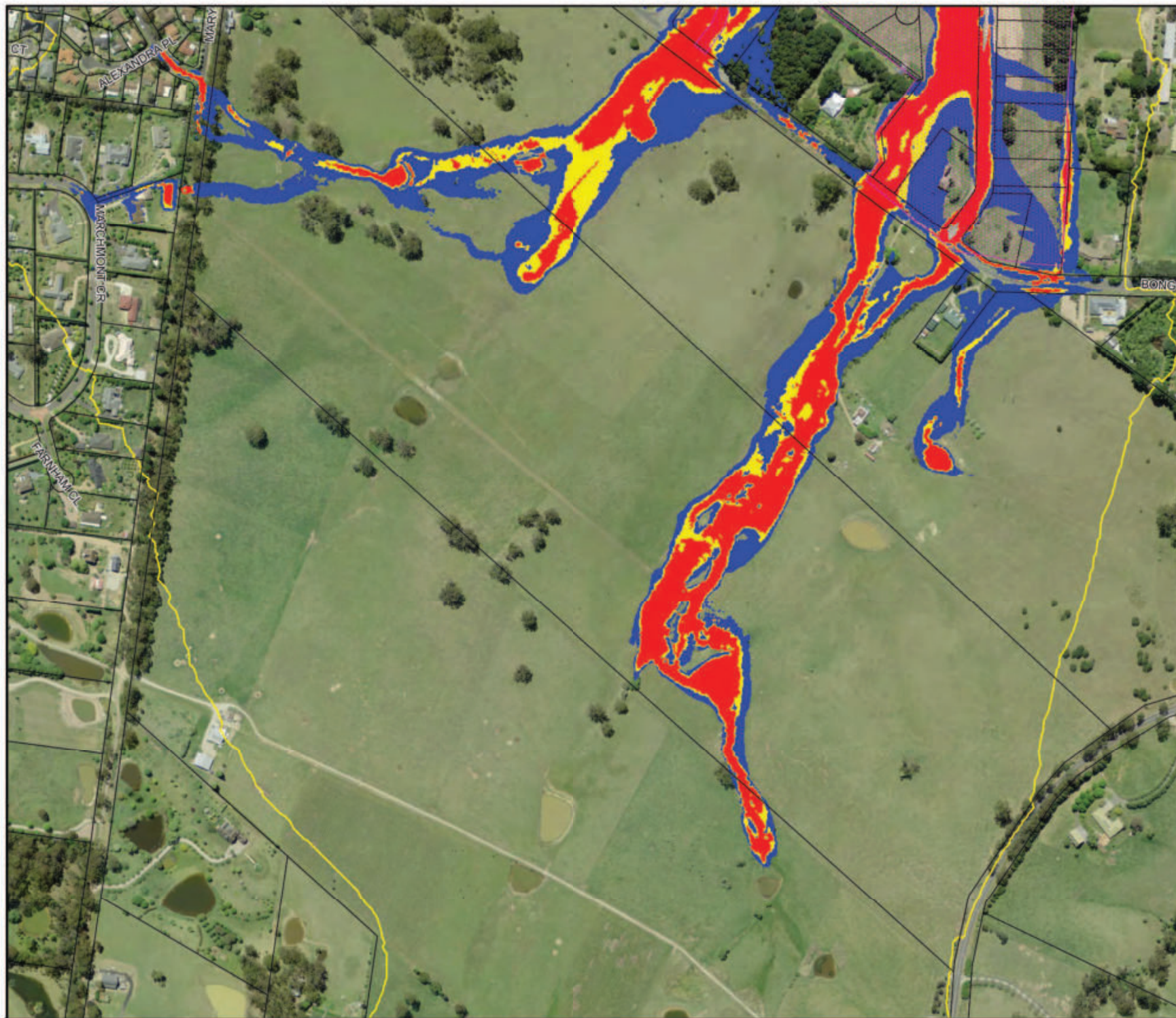


Figure 14.8:
0.5% AEP Flood
Hazard

Prepared By:


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

File Name: Fig14.8 - 0.5% AEP Flood
 Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

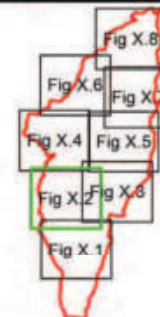


**Figure 15.1:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.1 - PMF Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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.




Scale 1:4,000 (at A3)

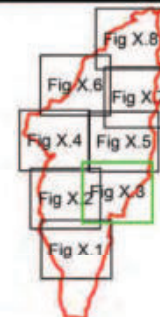
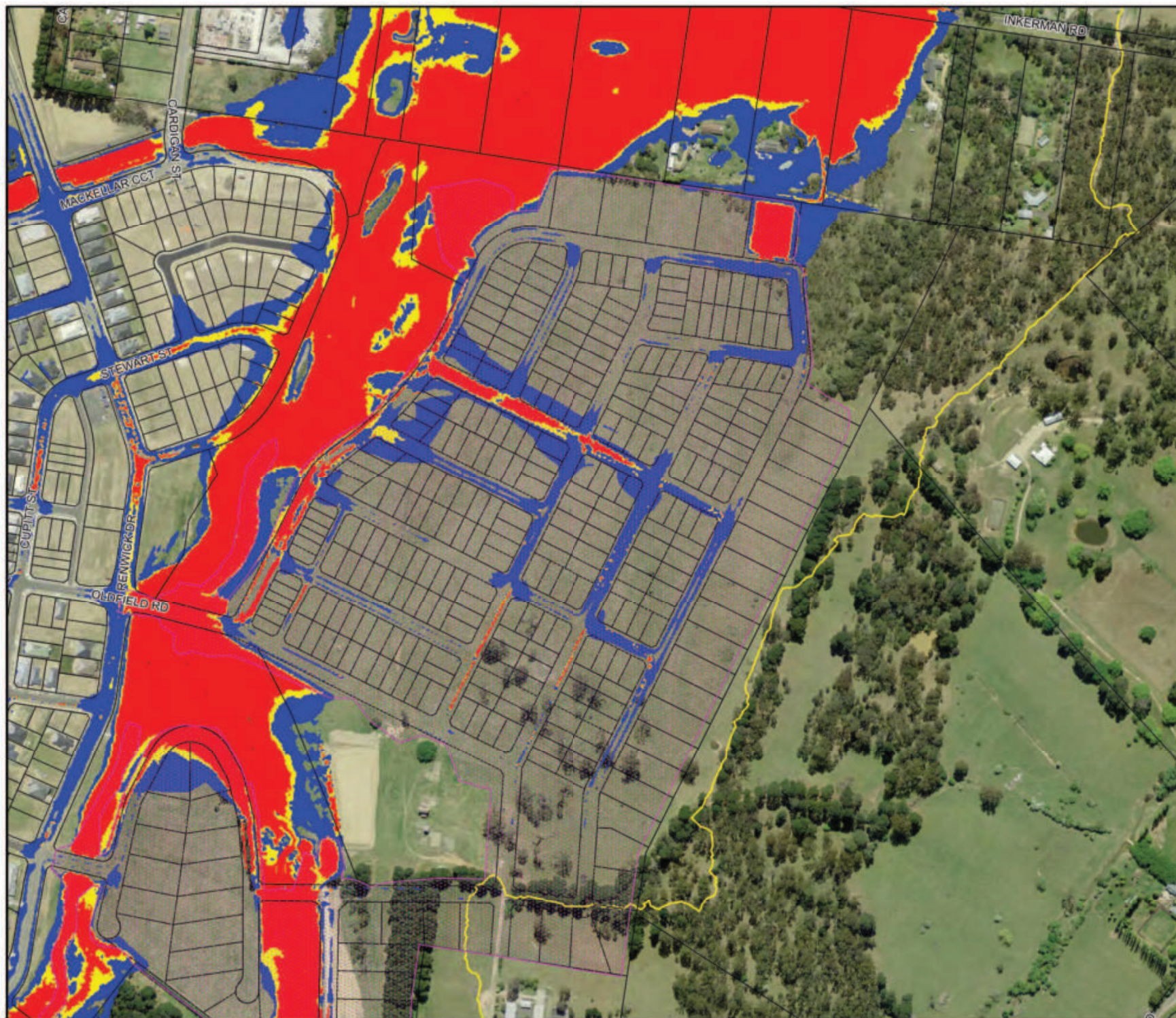


**Figure 15.2:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.2 - PMF Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)

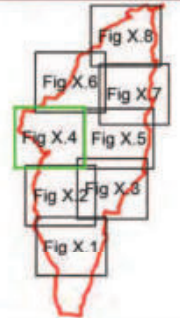


**Figure 15.3:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.3 - PMF Hazard.wor



LEGEND

Nattai Ponds Study Area

Future Development Area (Design elevations adopted)

Hazard Category

Low

Transition

High

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)

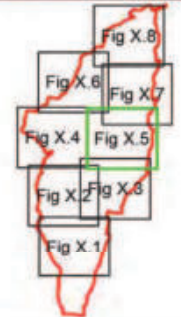
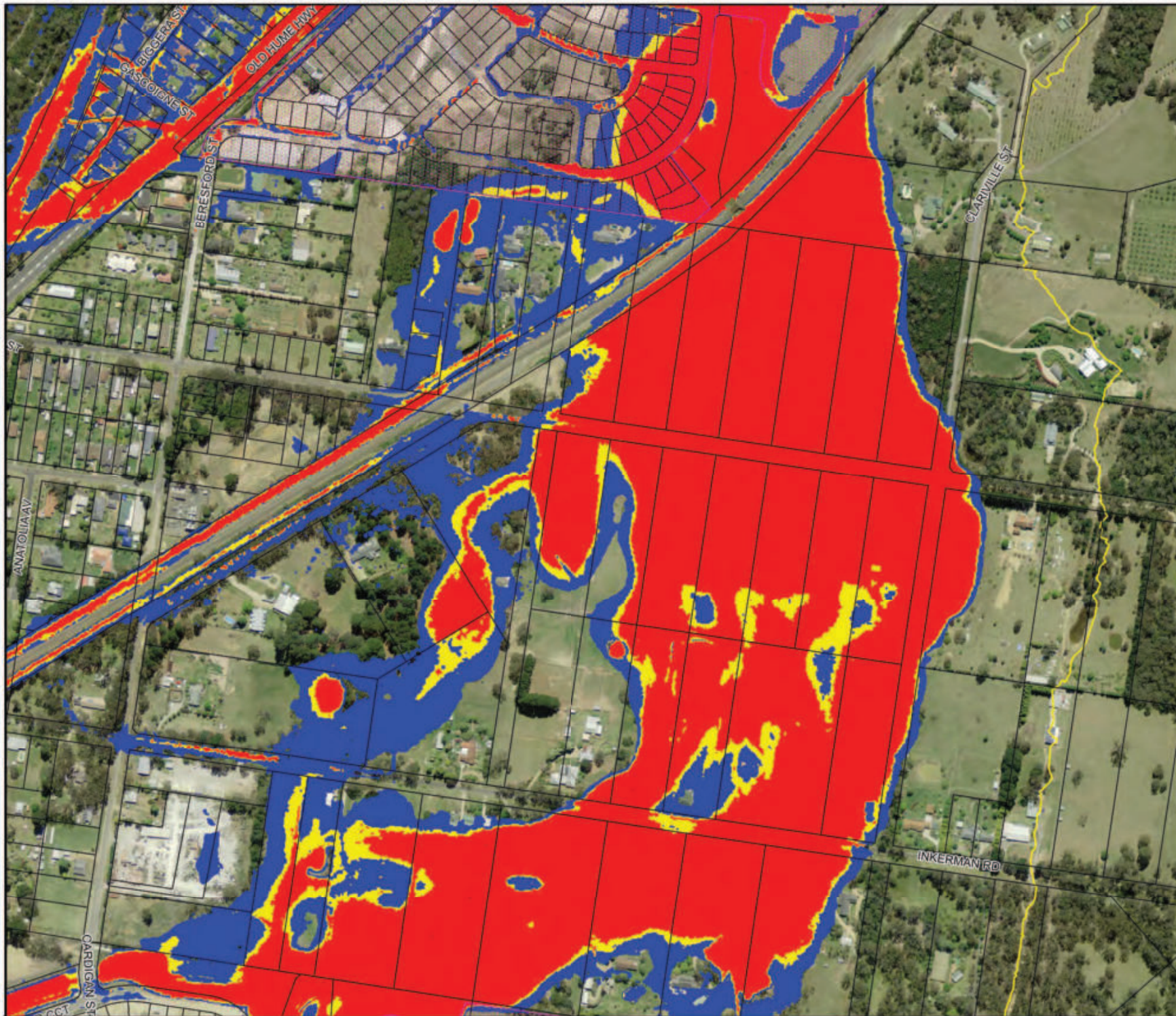
0 0.1 0.2
K~

**Figure 15.4:
PMF Flood
Hazard**






Prepared By:

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

File Name: Fig15.4 - PMF Hazard.wor



LEGEND

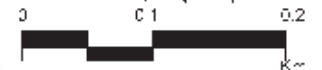
-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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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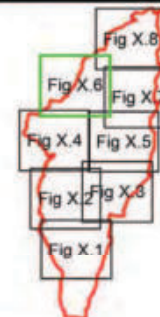


**Figure 15.5:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.5 - PMF Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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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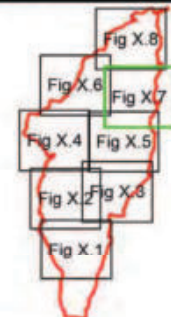
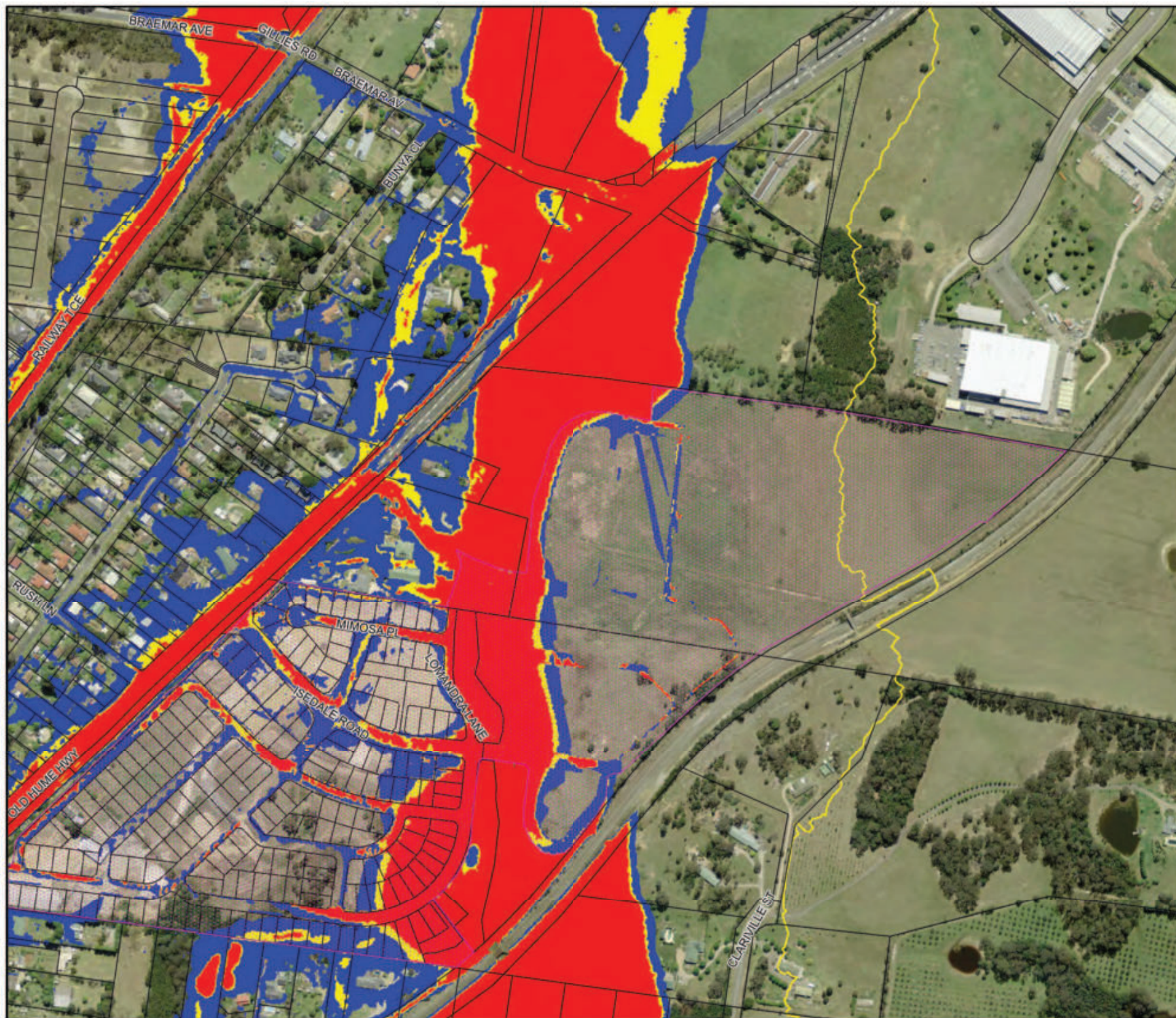


**Figure 15.6:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.6 - PMF Hazard.wor



LEGEND

- Nattai Ponds Study Area
- Future Development Area
(Design elevations adopted)
- Hazard Category**
 - Low
 - Transition
 - High

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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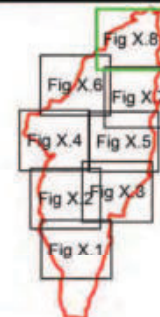
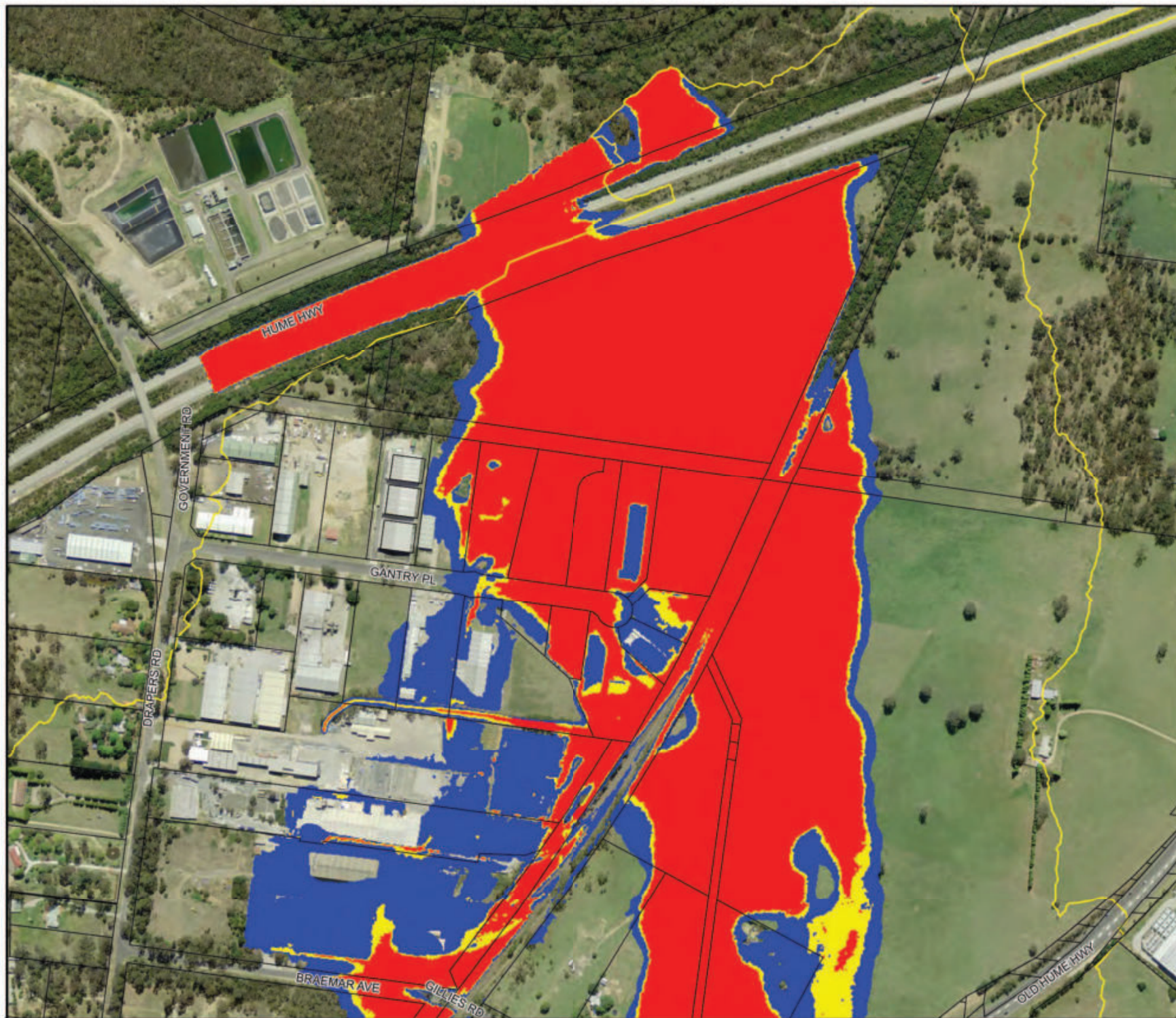


**Figure 15.7:
PMF Flood
Hazard**

Prepared By:

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

File Name: Fig15.7 - PMF Hazard.wor



LEGEND

-  Nattai Ponds Study Area
-  Future Development Area
(Design elevations adopted)
- Hazard Category**
 -  Low
 -  Transition
 -  High

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.




Scale 1:4,000 (at A3)



**Figure 15.8:
PMF Flood
Hazard**

Prepared By:

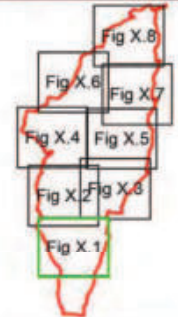
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig15.8 - PMF Hazard.wor







HYDRAULIC CATEGORY MAPS





LEGEND

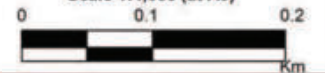
-  Nattai Ponds Study Area
- Hydraulic Categories
-  Flood Fringe
 -  Flood Storage
 -  Floodway

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.




Scale 1:4,000 (at A3)

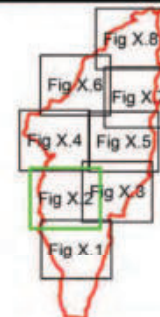


**Figure 16.1:
10% AEP Hydraulic
Categories**


Prepared By:

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

File Name: Fig16.1 - 10% AEP Hydraulic
Categories.wor



LEGEND

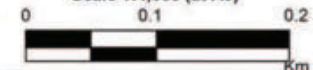
-  Nattai Ponds Study Area
- Hydraulic Categories**
 -  Flood Fringe
 -  Flood Storage
 -  Floodway

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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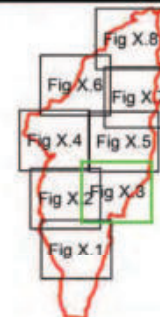
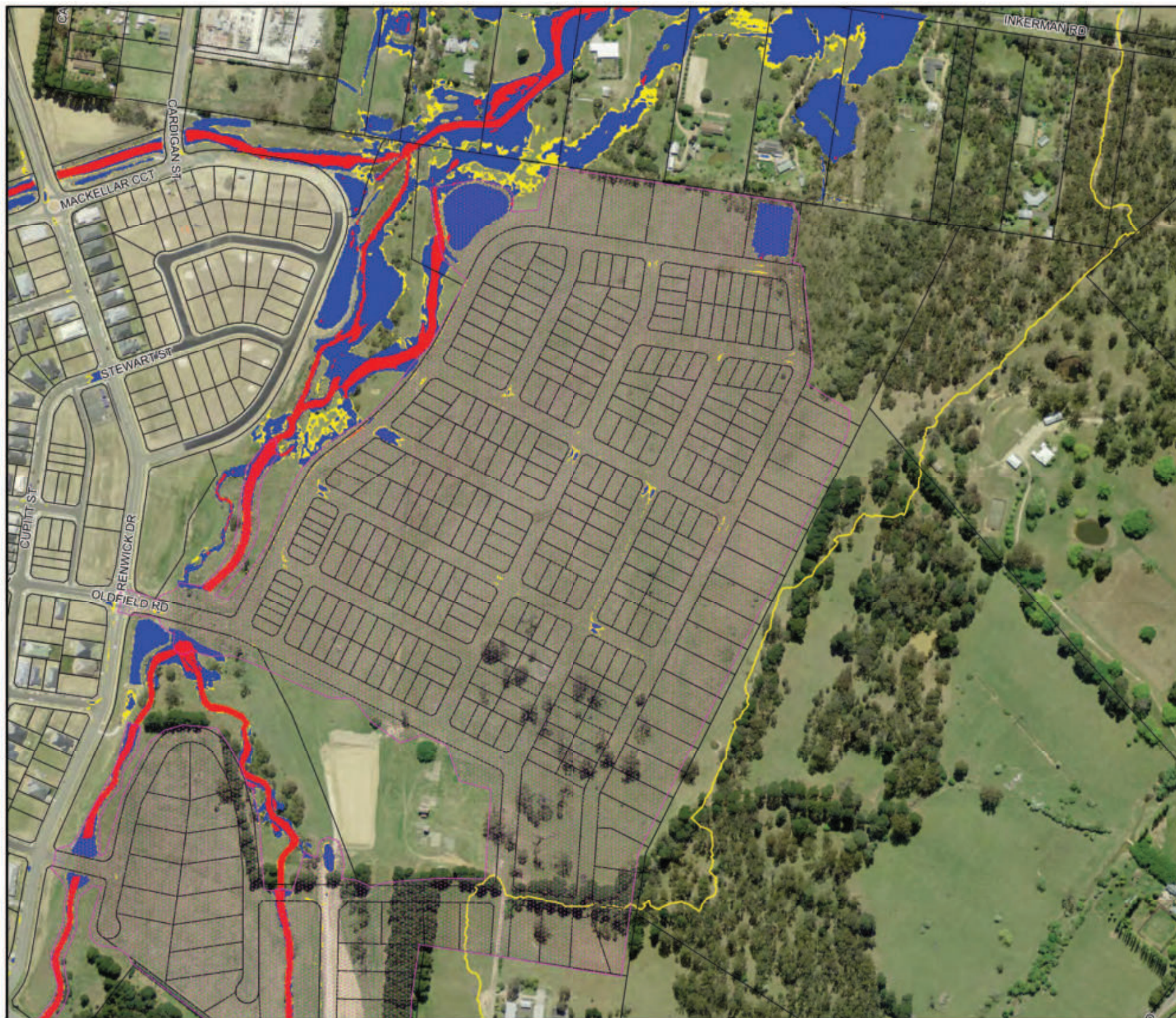


**Figure 16.2:
10% AEP Hydraulic
Categories**

Prepared By:

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




File Name: Fig16.2 - 10% AEP Hydraulic
Categories.wor



LEGEND

 Nattai Ponds Study Area

Hydraulic Categories

-  Flood Fringe
-  Flood Storage
-  Floodway

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.



Scale 1:4,000 (at A3)

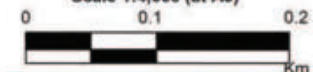

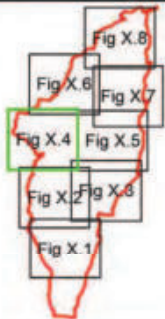


Figure 16.3:
10% AEP Hydraulic
Categories

Prepared By:

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

File Name: Fig16.3 - 10% AEP Hydraulic
Categories.wor



LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
- Flood Fringe
- Flood Storage
- Floodway

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.



Scale 1:4,000 (at A3)

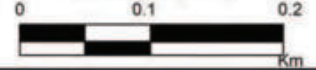

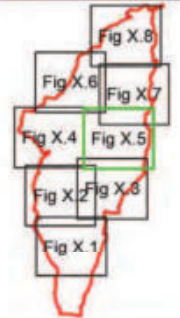
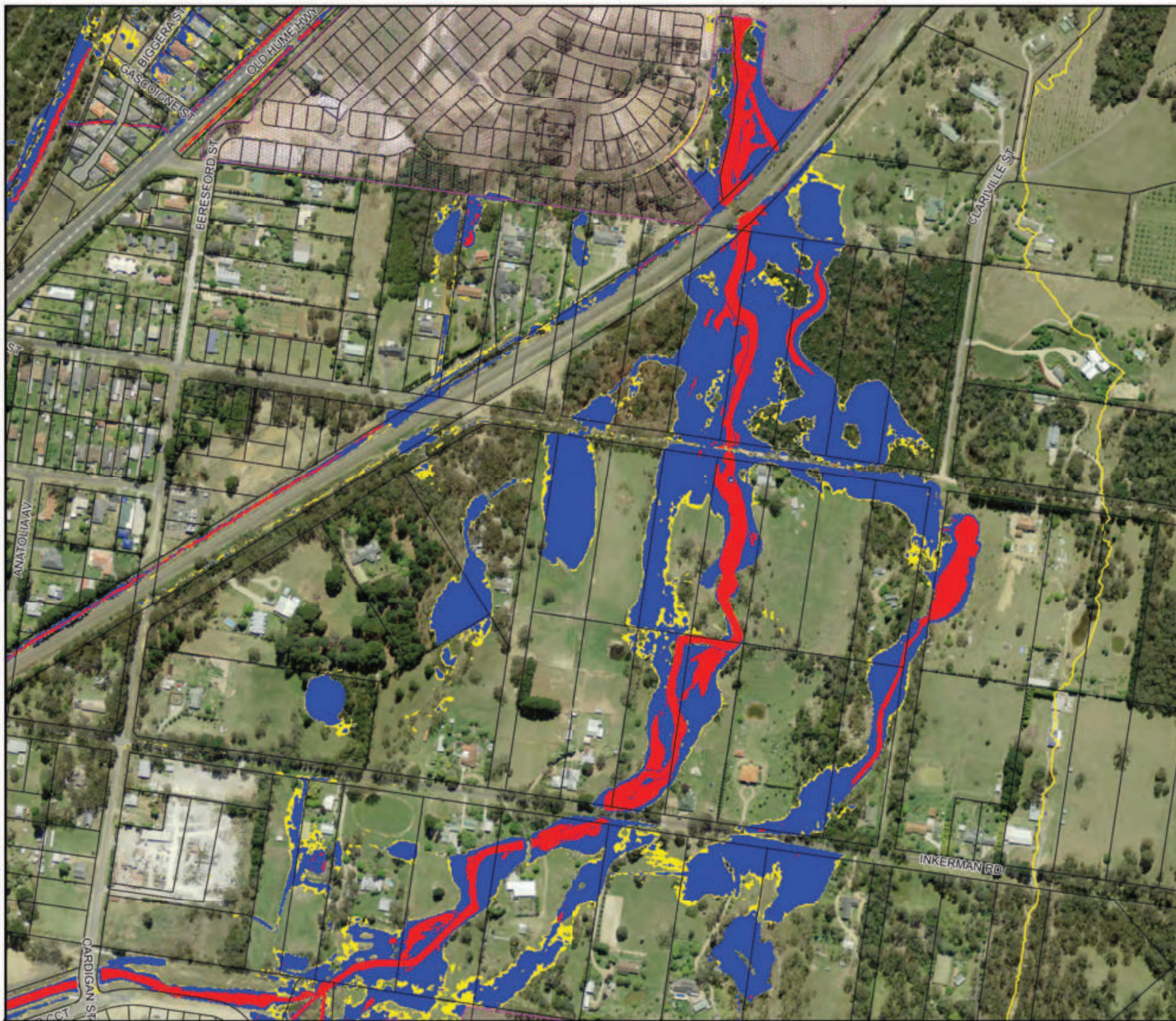


Figure 16.4:
10% AEP Hydraulic
Categories

Prepared By:

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

File Name: Fig16.4 - 10% AEP Hydraulic
Categories.wor



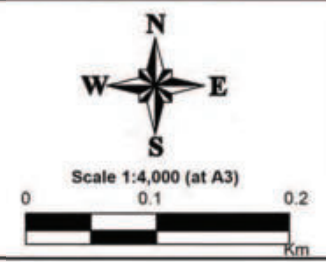
LEGEND

Nattai Ponds Study Area


Hydraulic Categories

- Flood Fringe
- Flood Storage
- Floodway

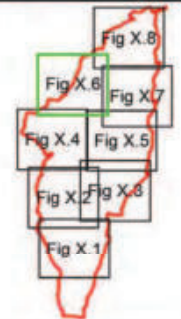
Notes:
 Aerial photograph date: September 2013
 Results within future development areas based on assumed elevations and results should be verified against final topography before use.



**Figure 16.5:
 10% AEP Hydraulic
 Categories**

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

File Name: Fig16.5 - 10% AEP Hydraulic Categories.wor



LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
 - Flood Fringe
 - Flood Storage
 - Floodway

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.



Scale 1:4,000 (at A3)

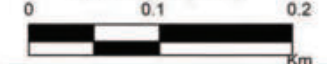

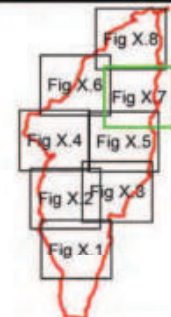


Figure 16.6:
10% AEP Hydraulic
Categories

Prepared By:

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



File Name: Fig16.6 - 10% AEP Hydraulic
Categories.wor



LEGEND

 Nattai Ponds Study Area

Hydraulic Categories

 Flood Fringe
 Flood Storage
 Floodway

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.



Scale 1:4,000 (at A3)

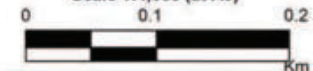

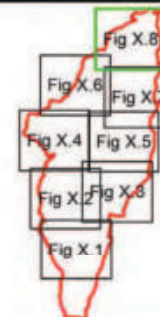


Figure 16.7:
10% AEP Hydraulic
Categories

Prepared By:

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

File Name: Fig16.7 - 10% AEP Hydraulic
 Categories.wor



LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
 - Flood Fringe
 - Flood Storage
 - Floodway

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.



Scale 1:4,000 (at A3)

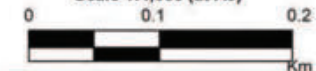

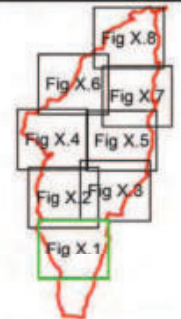


Figure 16.8:
10% AEP Hydraulic
Categories





Prepared By:

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

File Name: Fig16.8 - 10% AEP Hydraulic
Categories.wor



LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories
-  Flood Fringe
 -  Flood Storage
 -  Floodway

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.

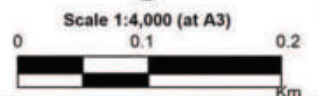
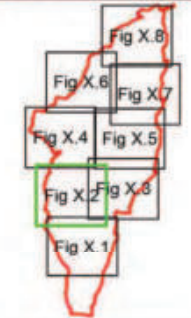


Figure 17.1:
1% AEP Hydraulic
Categories

Prepared By:



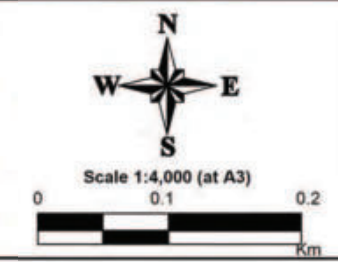
File Name: Fig17.1 - 1% AEP Hydraulic
Categories.wor



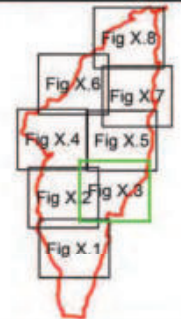
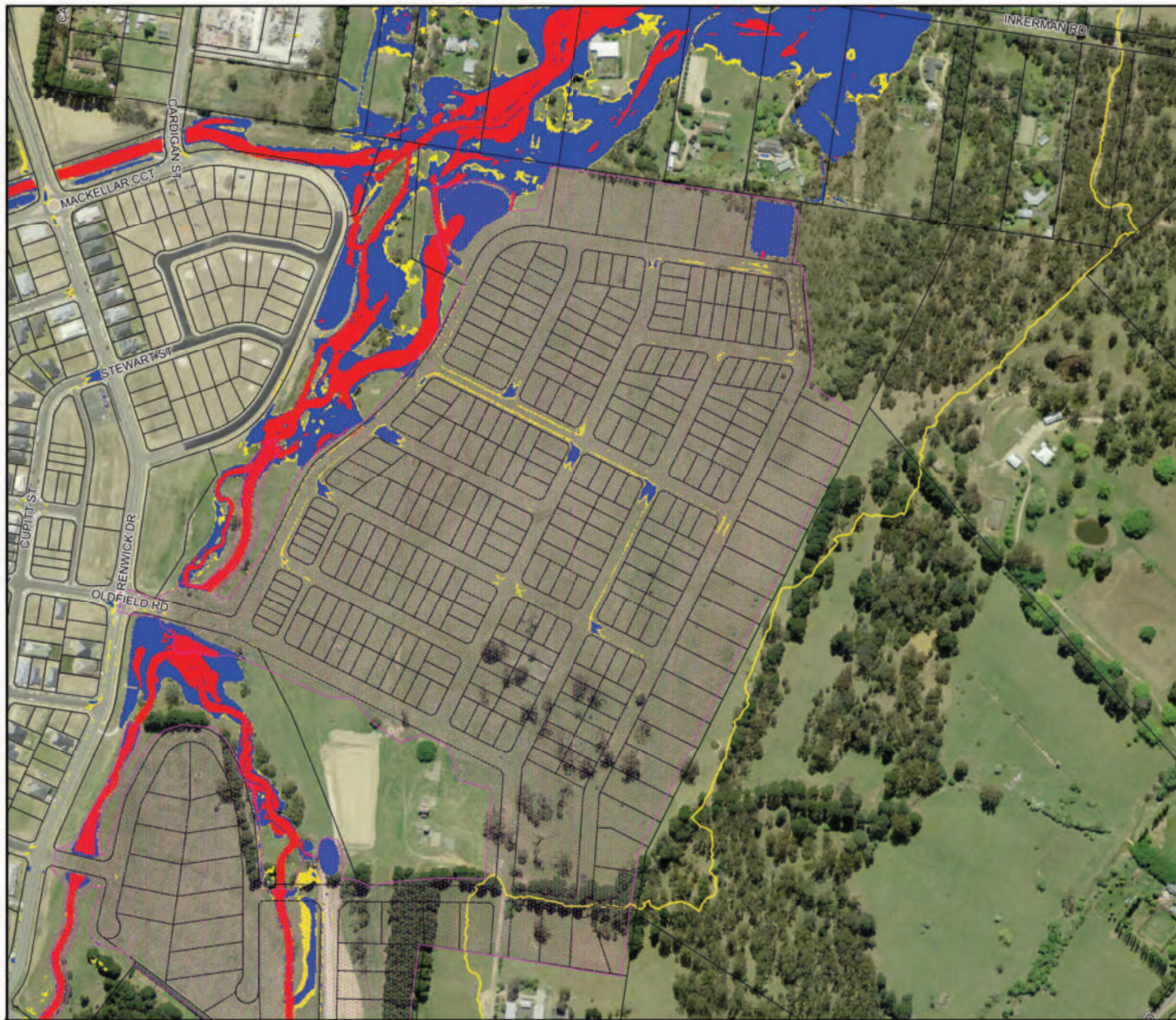
LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories**
 -  Flood Fringe
 -  Flood Storage
 -  Floodway

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.



**Figure 17.2:
1% AEP Hydraulic
Categories**



LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
 - Flood Fringe
 - Flood Storage
 - Floodway

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.



Scale 1:4,000 (at A3)

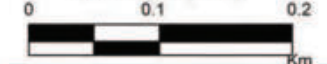

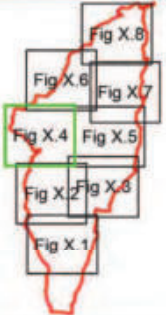


Figure 17.3:
1% AEP Hydraulic
Categories

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig17.3 - 1% AEP Hydraulic
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LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
- Flood Fringe
- Flood Storage
- Floodway

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.



Scale 1:4,000 (at A3)

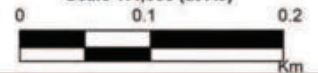

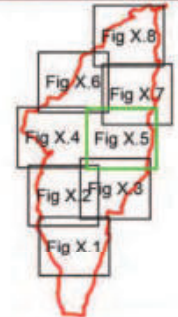
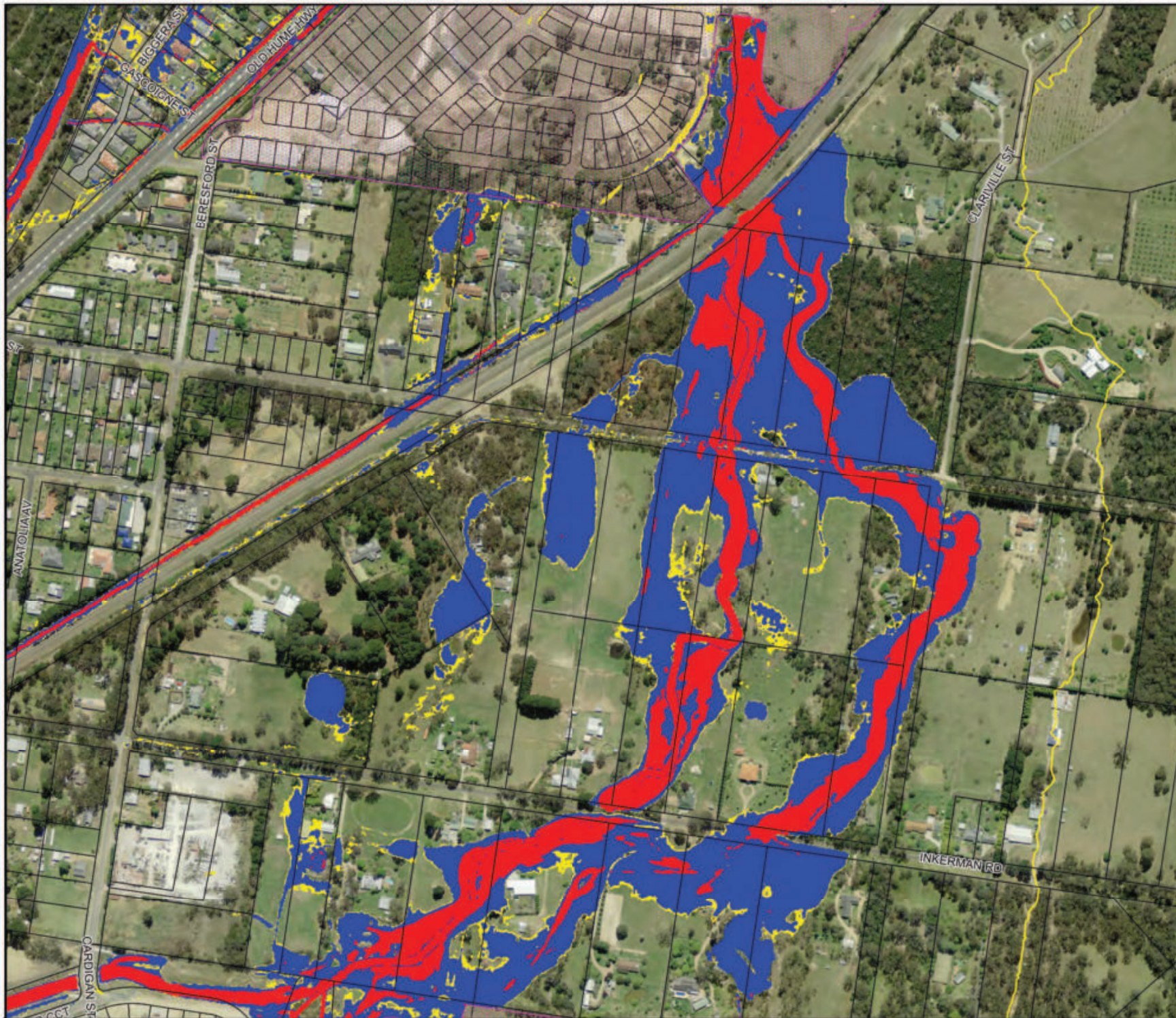


Figure 17.4:
1% AEP Hydraulic
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File Name: Fig17.4 - 1% AEP Hydraulic
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LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories
 -  Flood Fringe
 -  Flood Storage
 -  Floodway

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.



Scale 1:4,000 (at A3)

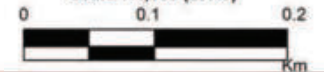

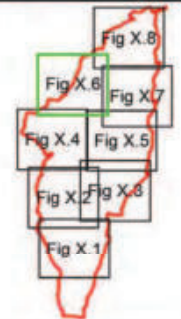


Figure 17.5:
1% AEP Hydraulic
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File Name: Fig17.5 - 1% AEP Hydraulic
Categories.wor



LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories**
-  Flood Fringe
 -  Flood Storage
 -  Floodway

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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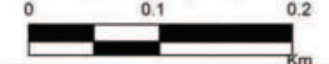

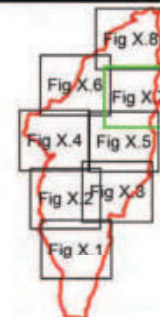


Figure 17.6:
1% AEP Hydraulic
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File Name: Fig17.6 - 1% AEP Hydraulic
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LEGEND

 Nattai Ponds Study Area

Hydraulic Categories

 Flood Fringe
 Flood Storage
 Floodway

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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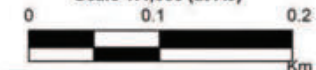

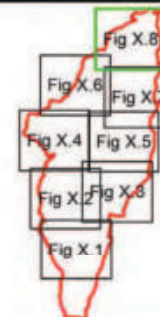
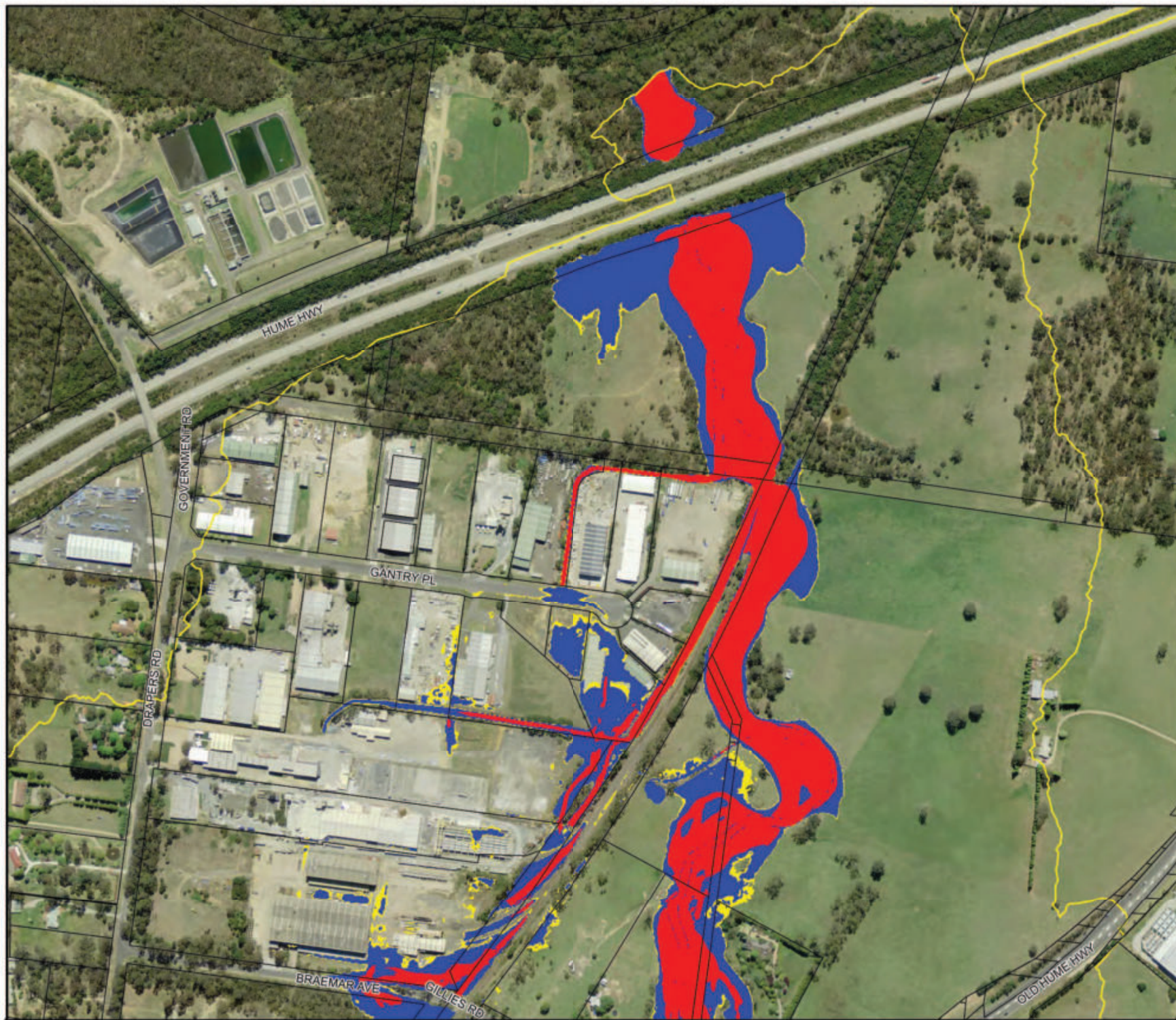


Figure 17.7:
1% AEP Hydraulic
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File Name: Fig17.7 - 1% AEP Hydraulic
 Categories.wor



LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories
-  Flood Fringe
 -  Flood Storage
 -  Floodway

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.



Scale 1:4,000 (at A3)

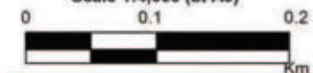

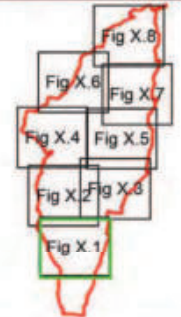


Figure 17.8:
1% AEP Hydraulic
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File Name: Fig17.8 - 1% AEP Hydraulic
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LEGEND

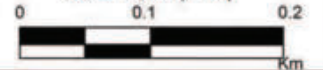
-  Nattai Ponds Study Area
- Hydraulic Categories
-  Flood Fringe
 -  Flood Storage
 -  Floodway

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.

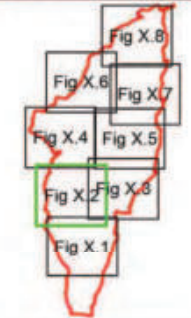


Scale 1:4,000 (at A3)



**Figure 18.1:
PMF Hydraulic
Categories**

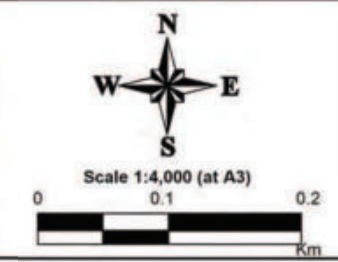
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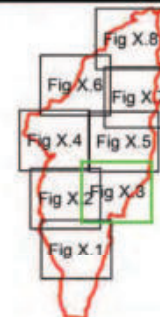
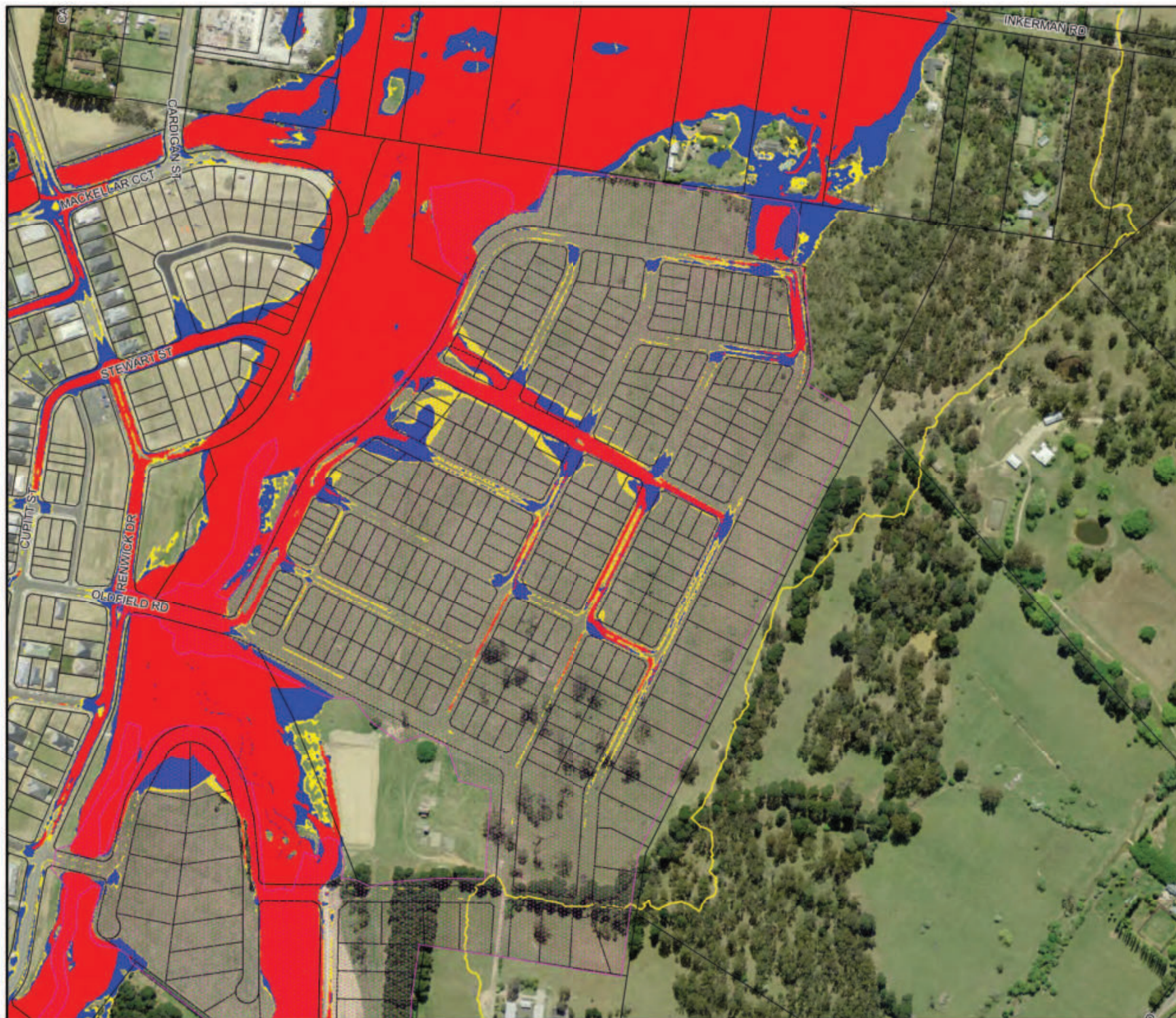
LEGEND

-  Nattai Ponds Study Area
- Hydraulic Categories**
 -  Flood Fringe
 -  Flood Storage
 -  Floodway

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.



**Figure 18.2:
PMF Hydraulic
Categories**



LEGEND

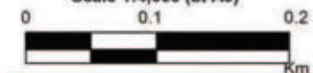
- Nattai Ponds Study Area
- Hydraulic Categories
- Flood Fringe
 - Flood Storage
 - Floodway

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.



Scale 1:4,000 (at A3)

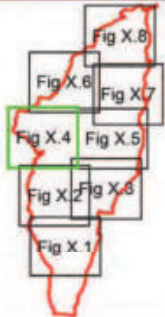
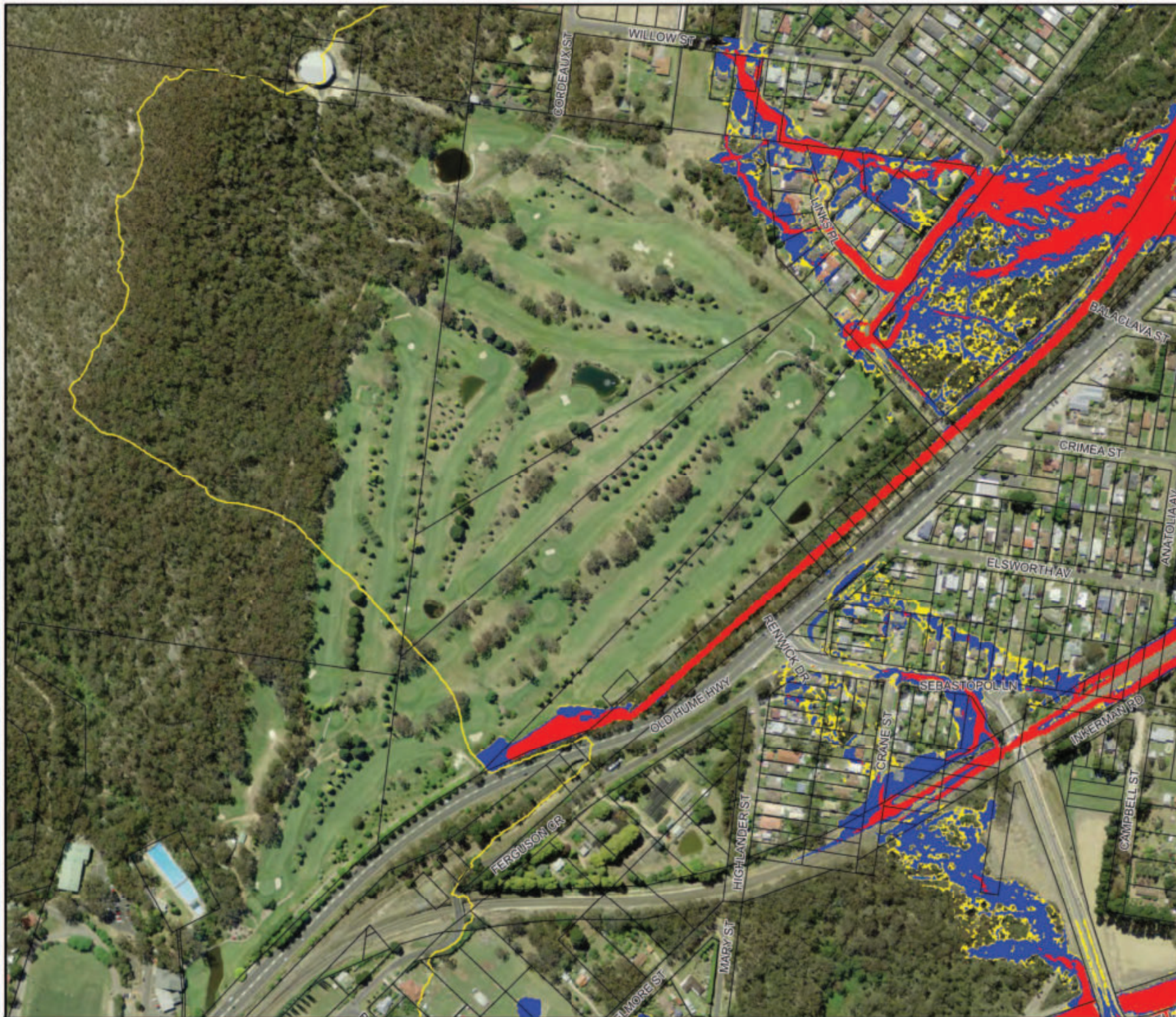


**Figure 18.3:
PMF Hydraulic
Categories**

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File Name: Fig18.3 - PMF Hydraulic
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LEGEND

- Nattai Ponds Study Area
- Hydraulic Categories**
 - Flood Fringe
 - Flood Storage
 - Floodway

Notes:

Aerial photograph date: September 2013
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Scale 1:4,000 (at A3)

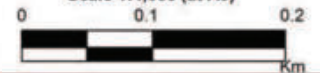

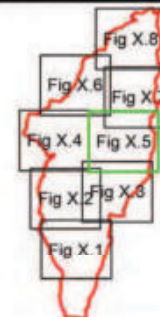
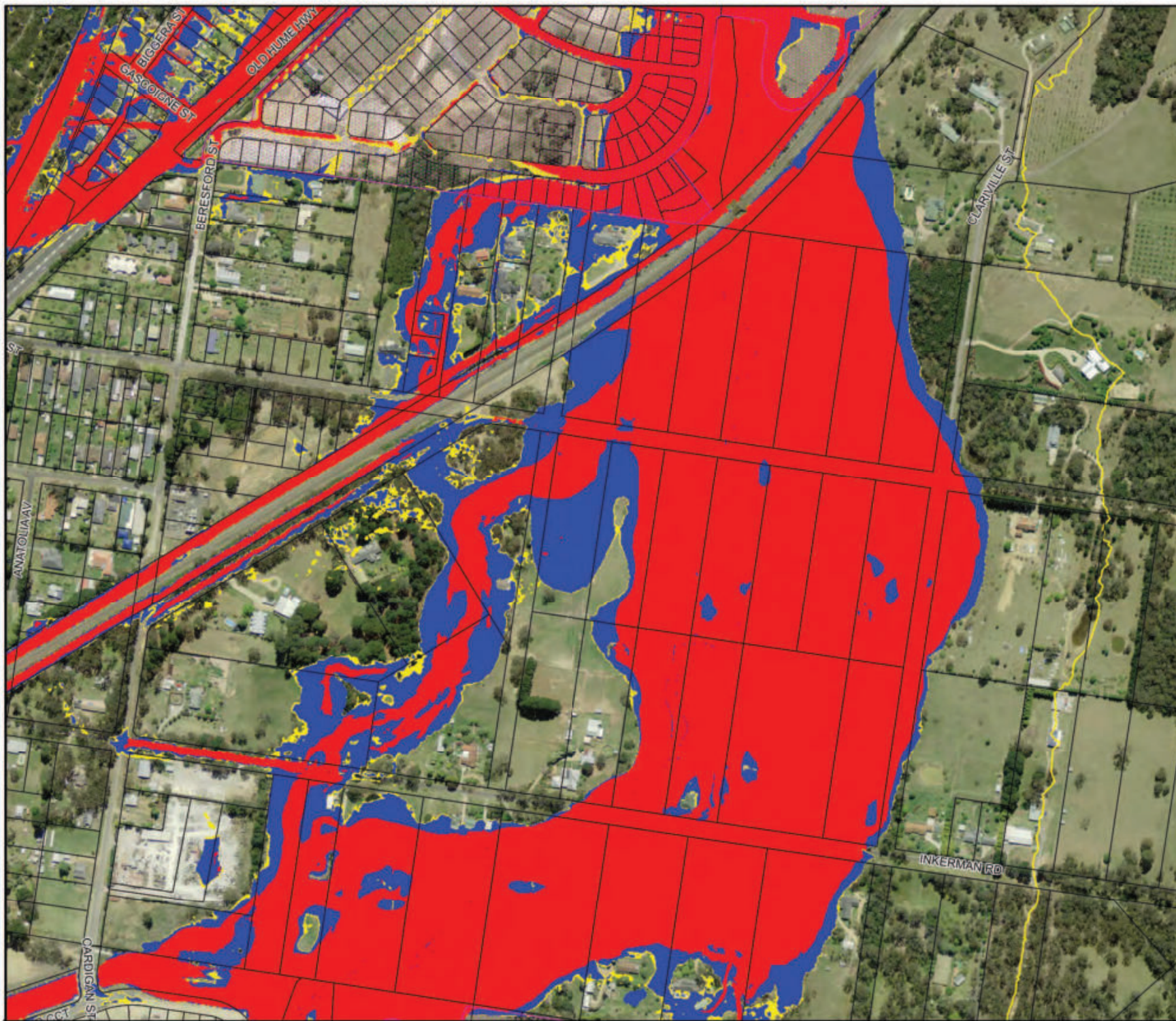


Figure 18.4:
PMF Hydraulic
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File Name: Fig18.4 - PMF Hydraulic
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 Nattai Ponds Study Area

Hydraulic Categories

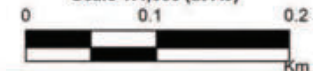
-  Flood Fringe
-  Flood Storage
-  Floodway

Notes:

Aerial photograph date: September 2013
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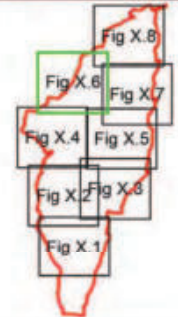


**Figure 18.5:
PMF Hydraulic
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File Name: Fig18.5 - PMF Hydraulic
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-  Nattai Ponds Study Area
- Hydraulic Categories
-  Flood Fringe
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Notes:

Aerial photograph date: September 2013
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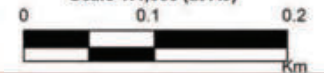



Figure 18.6:
PMF Hydraulic
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File Name: Fig18.6 - PMF Hydraulic
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