



Artist's Impression

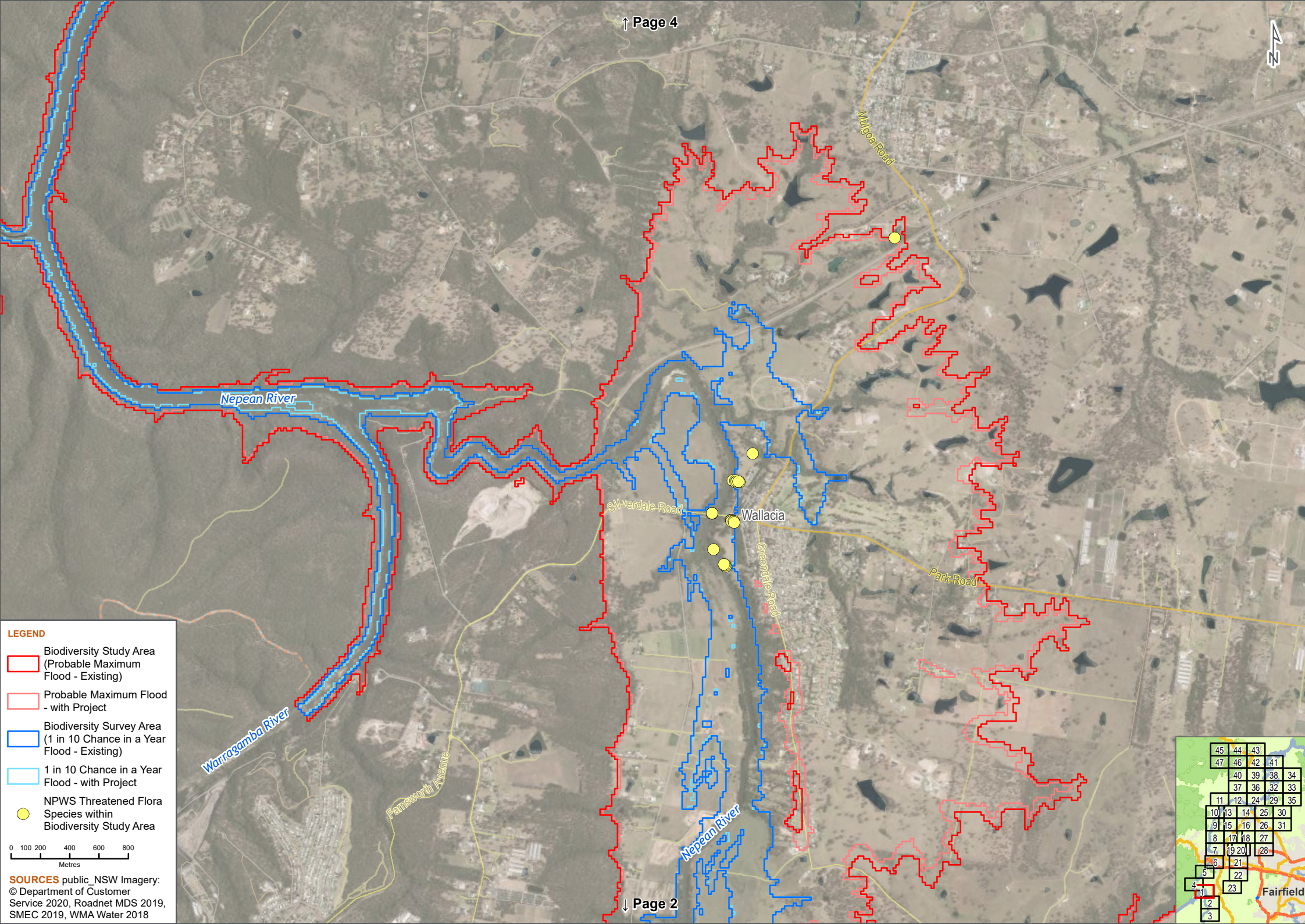
## Environmental Impact Statement-Appendix F2: Downstream Ecological Assessment

# Warragamba Dam Raising

Reference No. 30012078  
Prepared for WaterNSW  
10 September 2021

Appendix I – Part 6: Threatened flora records



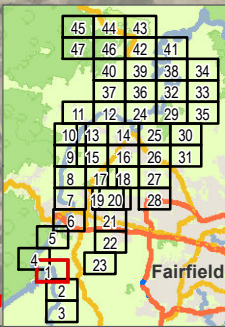


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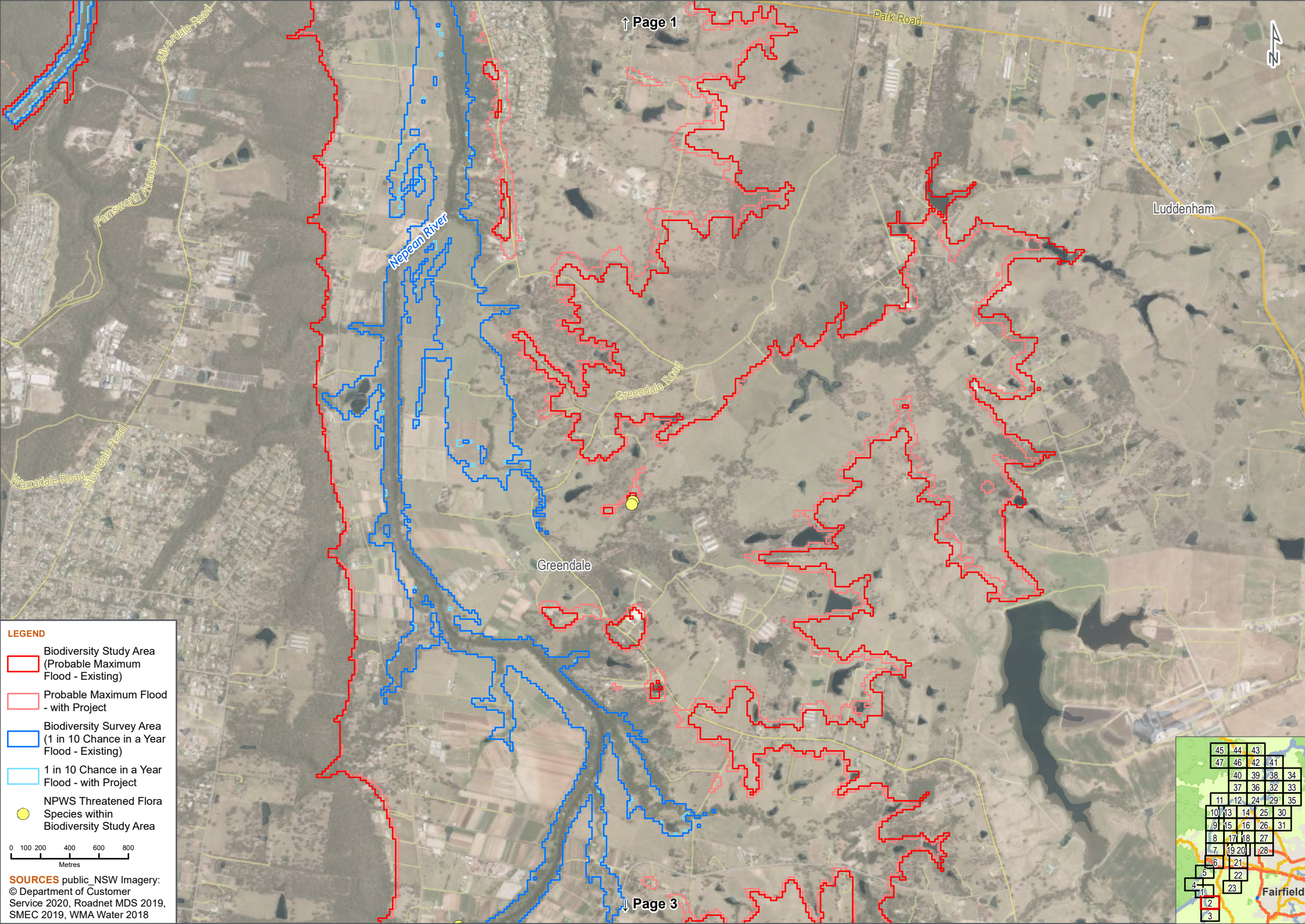
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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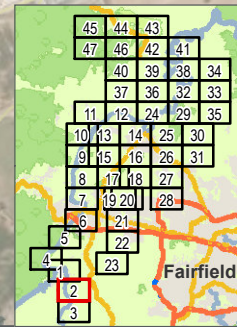


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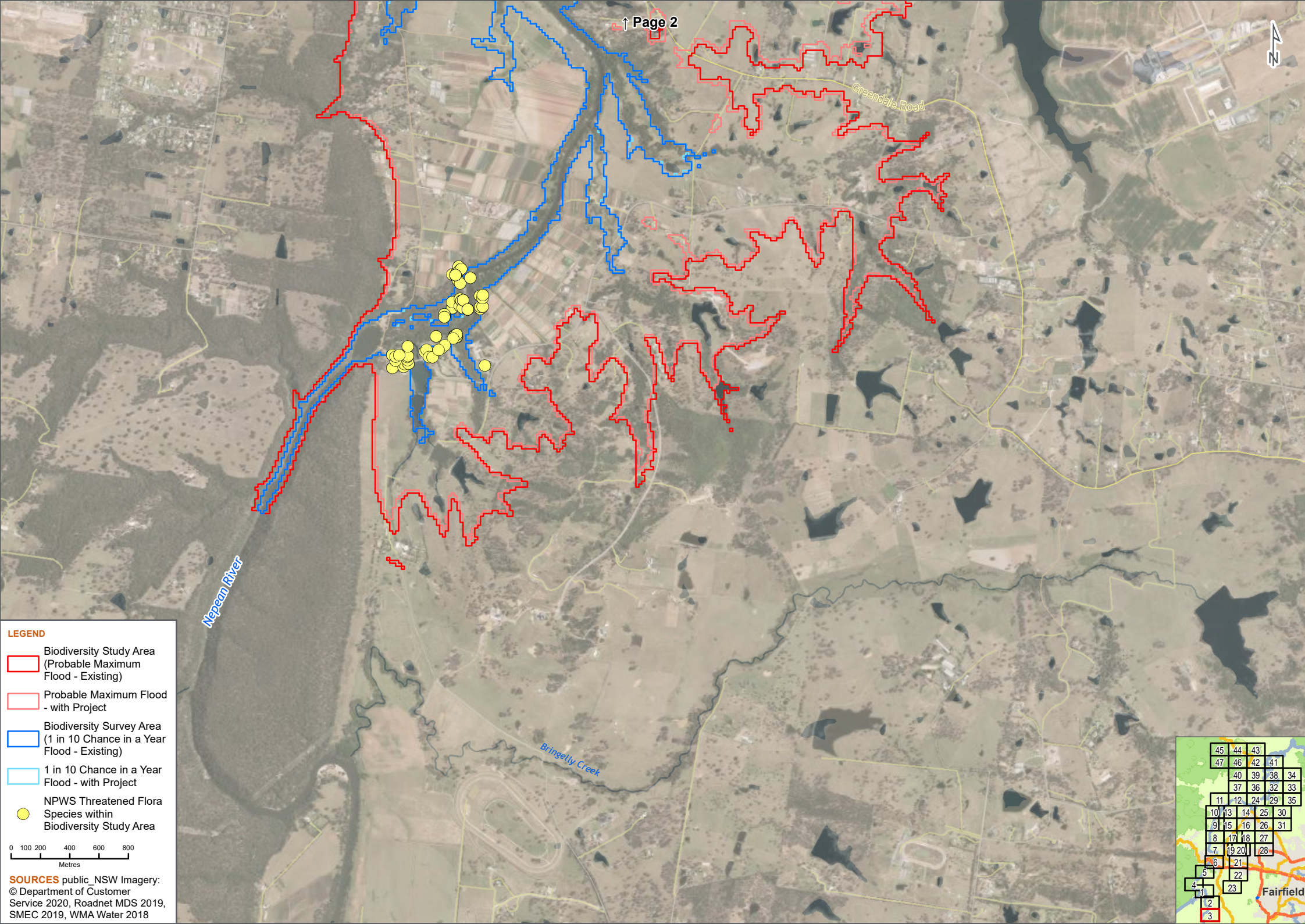
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0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018







Nepean River

Bringelly Creek

Greendale Road

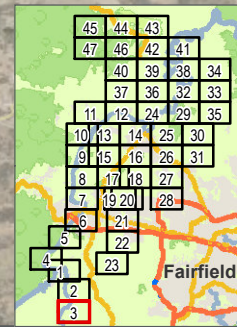
Fairfield

**LEGEND**

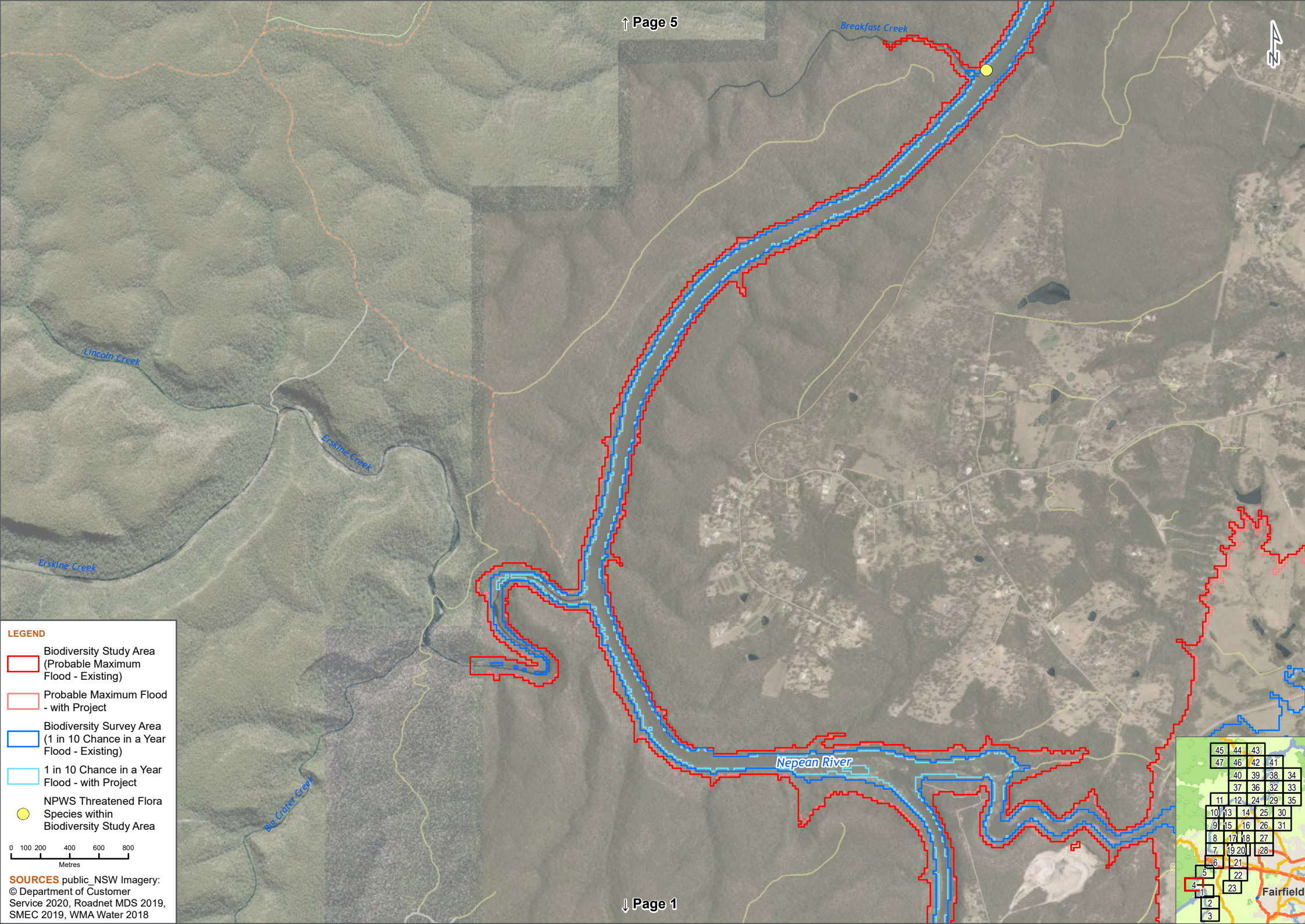
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0 100 200 400 600 800  
Metres

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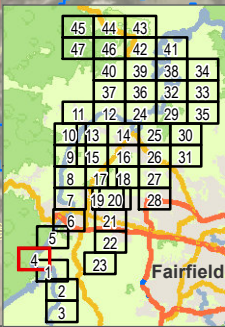


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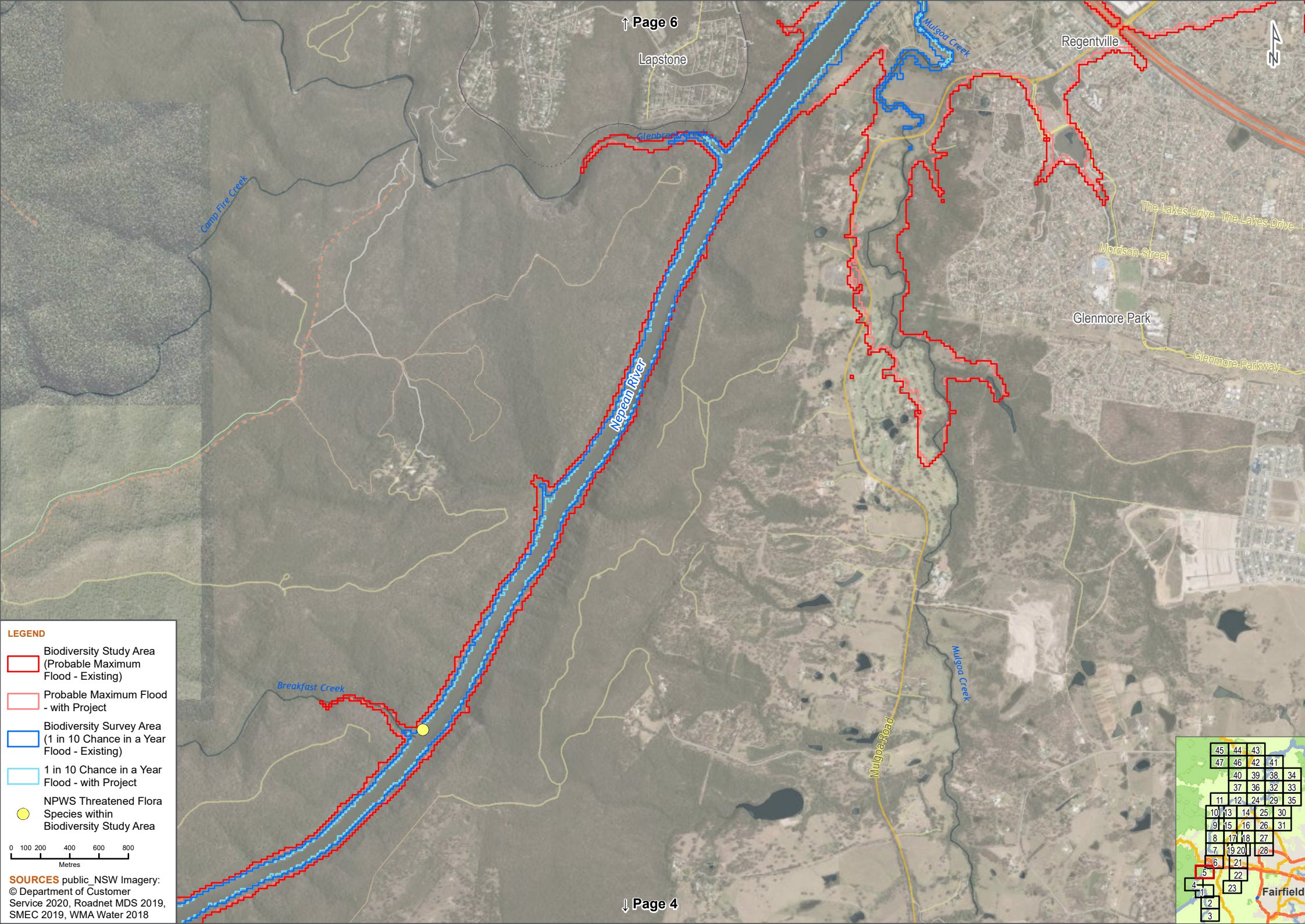
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0 100 200 400 600 800  
Metres

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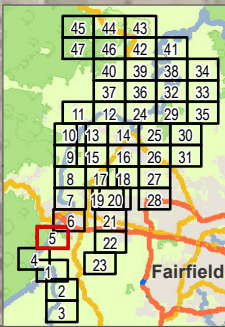


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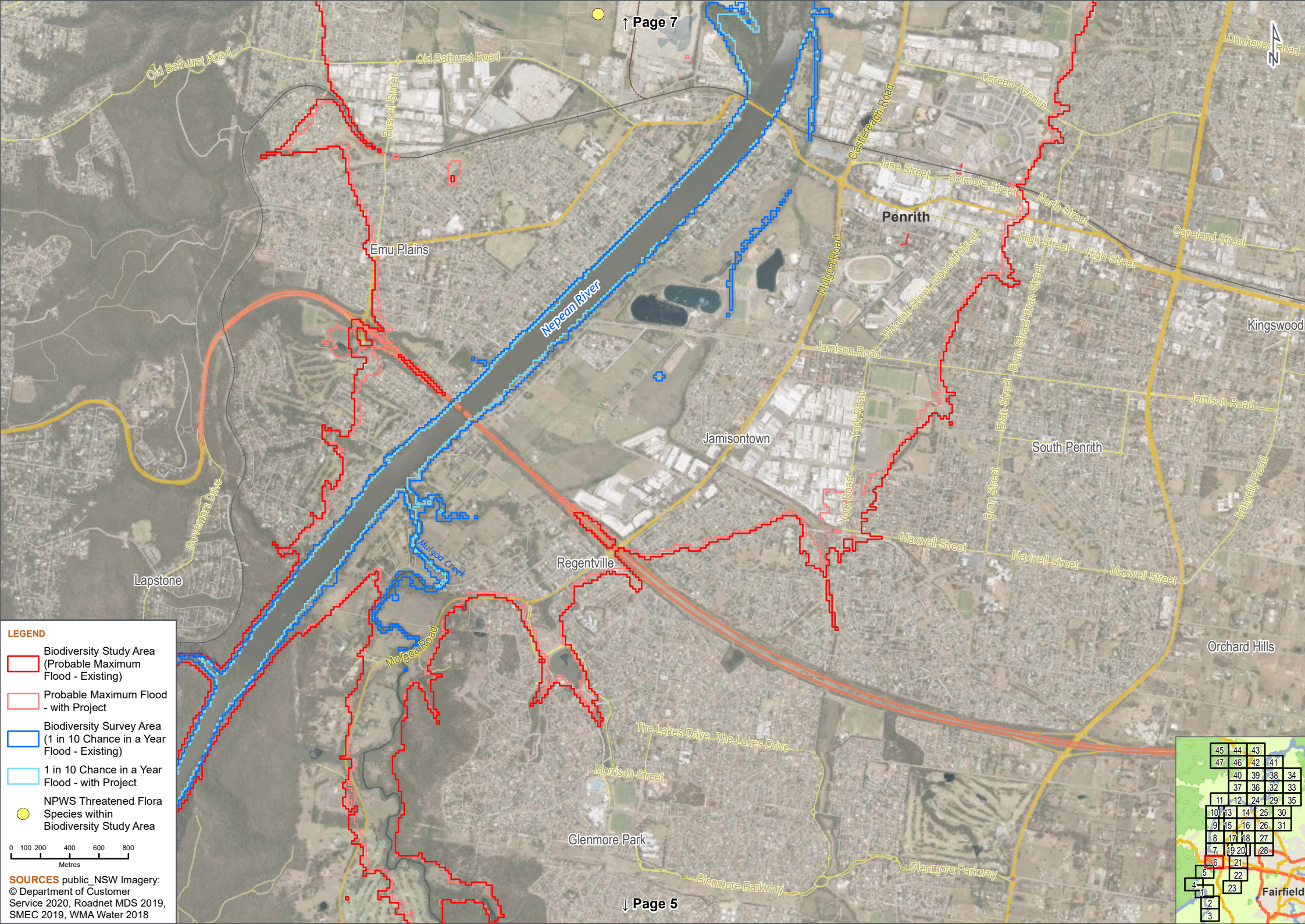
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0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





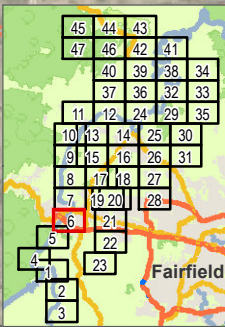


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0 100 200 400 600 800 Metres

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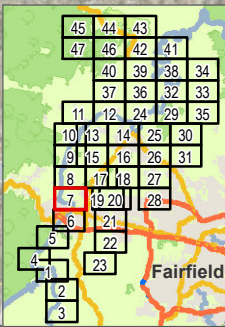


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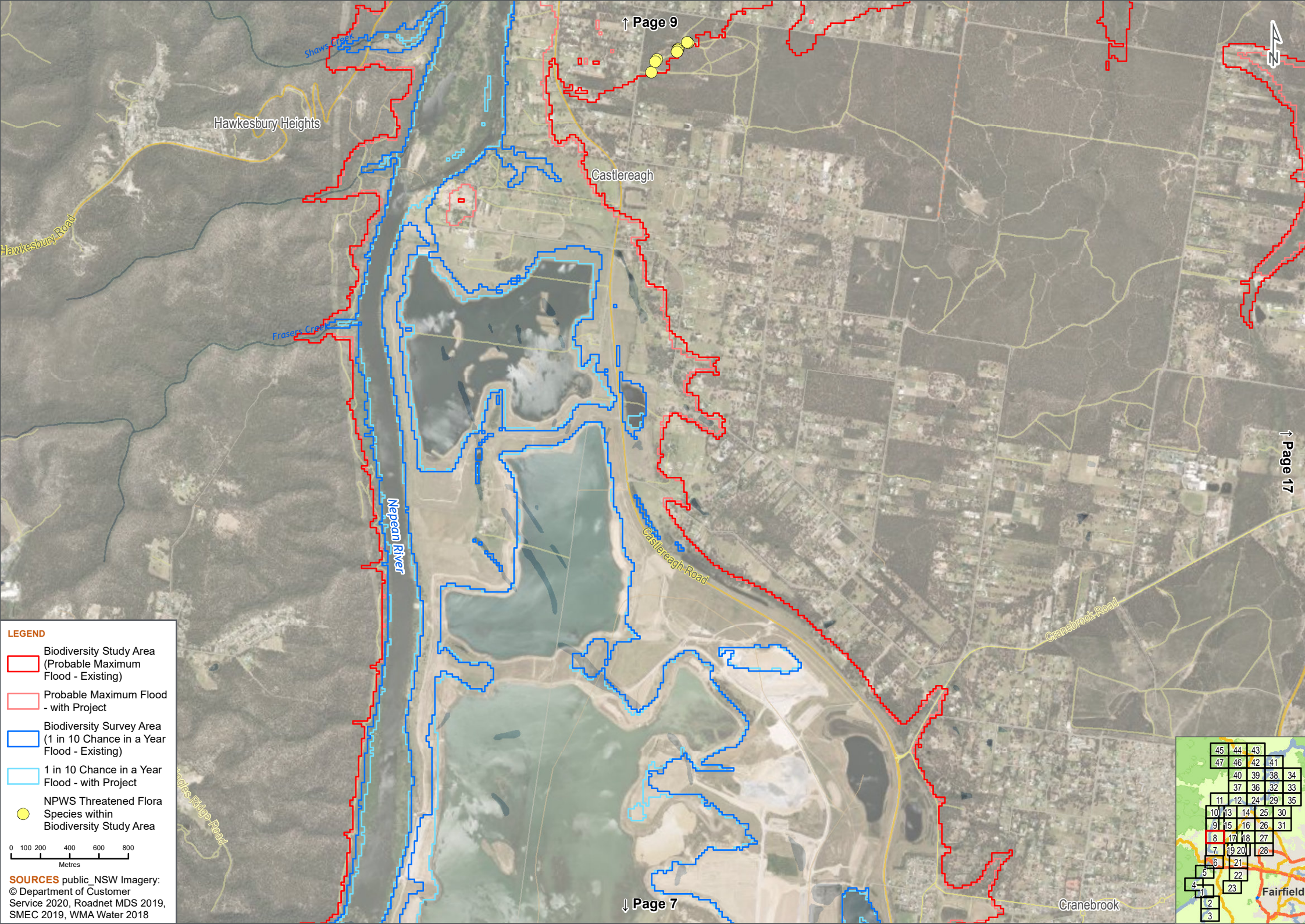
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↑ Page 9

↑ Page 17

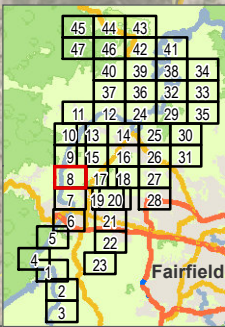
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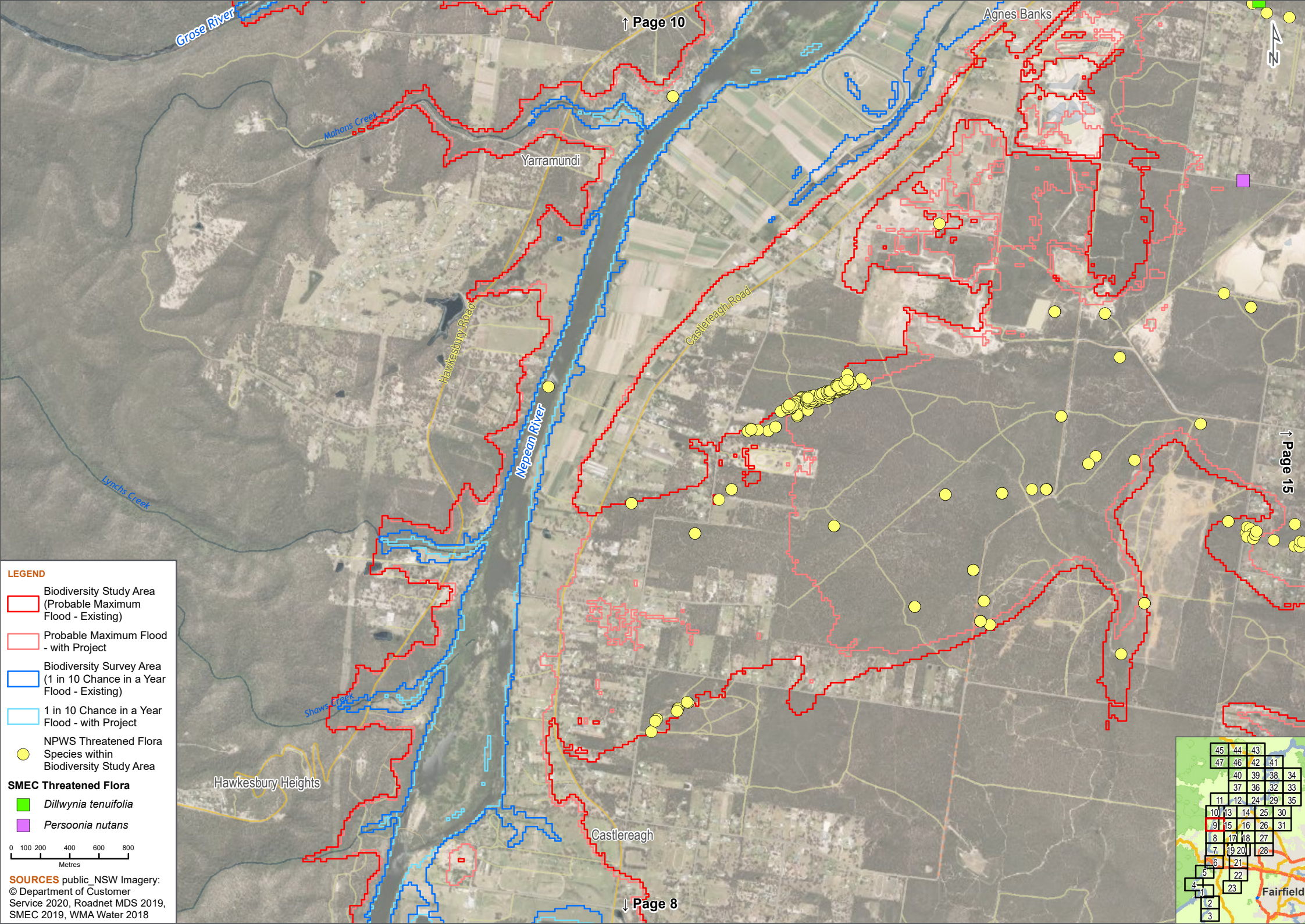
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(Probable Maximum  
Flood - Existing)
- Probable Maximum Flood  
- with Project
- Biodiversity Survey Area  
(1 in 10 Chance in a Year  
Flood - Existing)
- 1 in 10 Chance in a Year  
Flood - with Project
- NPWS Threatened Flora  
Species within  
Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer  
Service 2020, Roadnet MDS 2019,  
SMEC 2019, WMA Water 2018







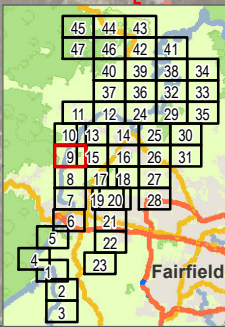
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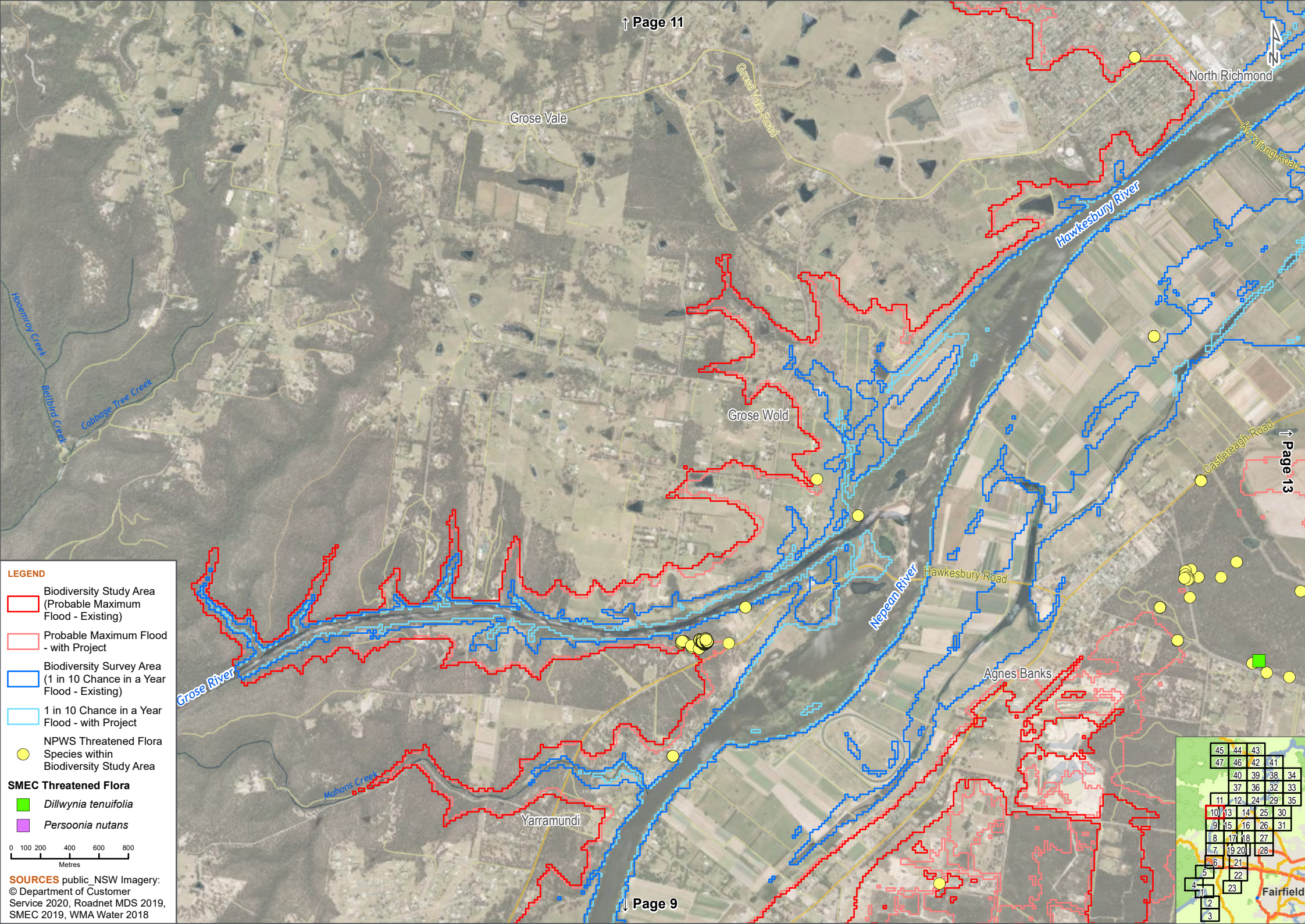
**SMEC Threatened Flora**

- Dillwynia tenuifolia*
- Persoonia nutans*

**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018







**LEGEND**

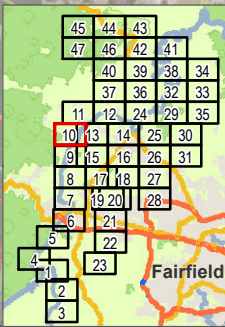
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**SMEC Threatened Flora**

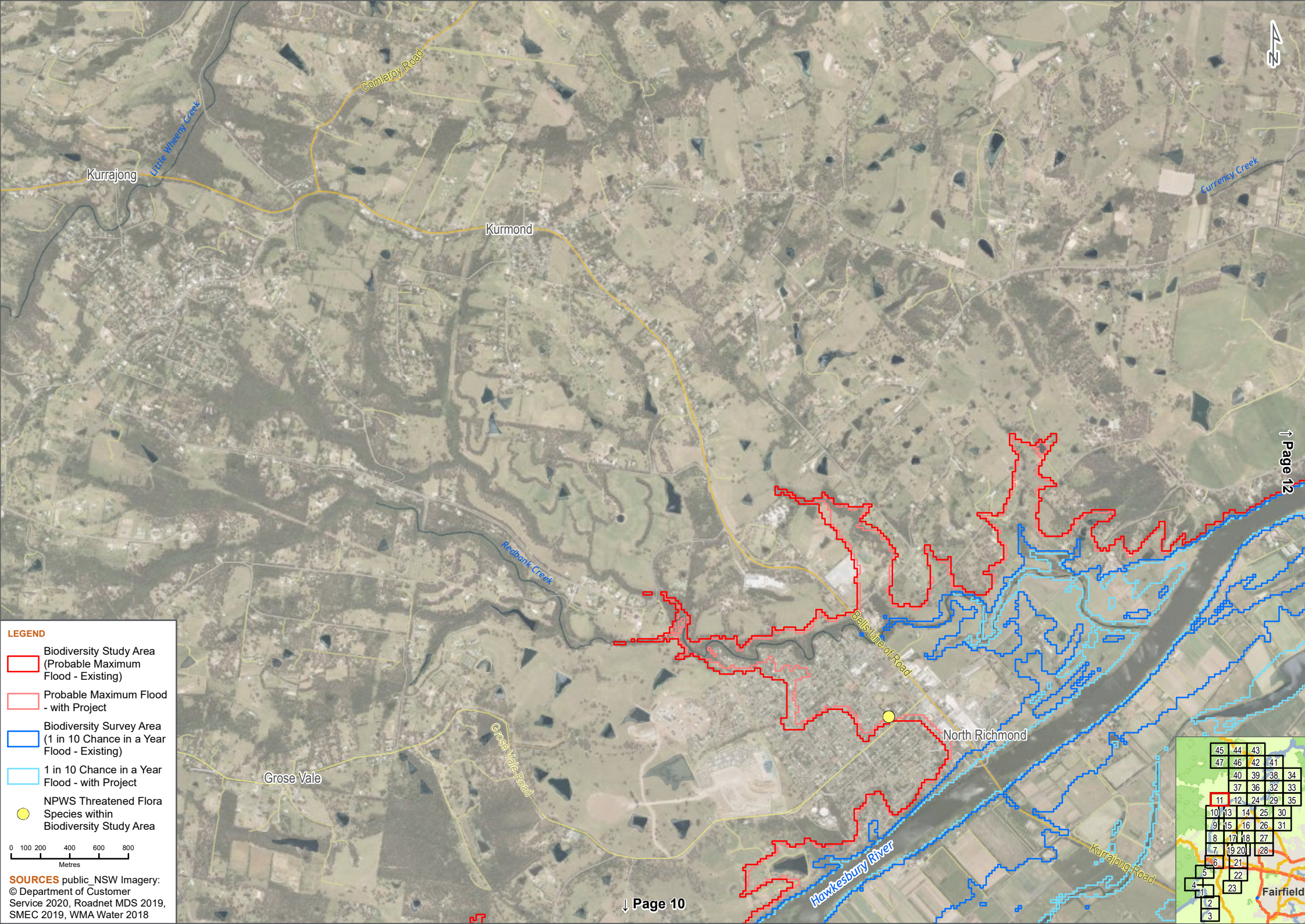
- Dillwynia tenuifolia*
- Persoonia nutans*

**SOURCES** public\_NSW Imagery:  
 © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

0 100 200 400 600 800  
Metres





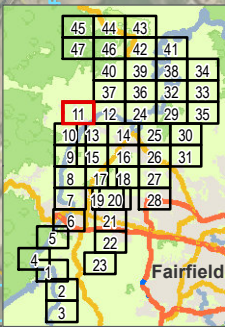


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0 100 200 400 600 800  
Metres

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Freemans Reach

Currency Creek

Hawkesbury River

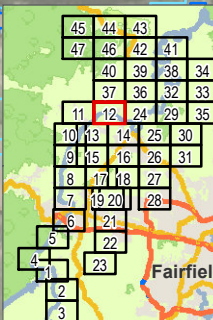
Richmond Lowlands

**LEGEND**

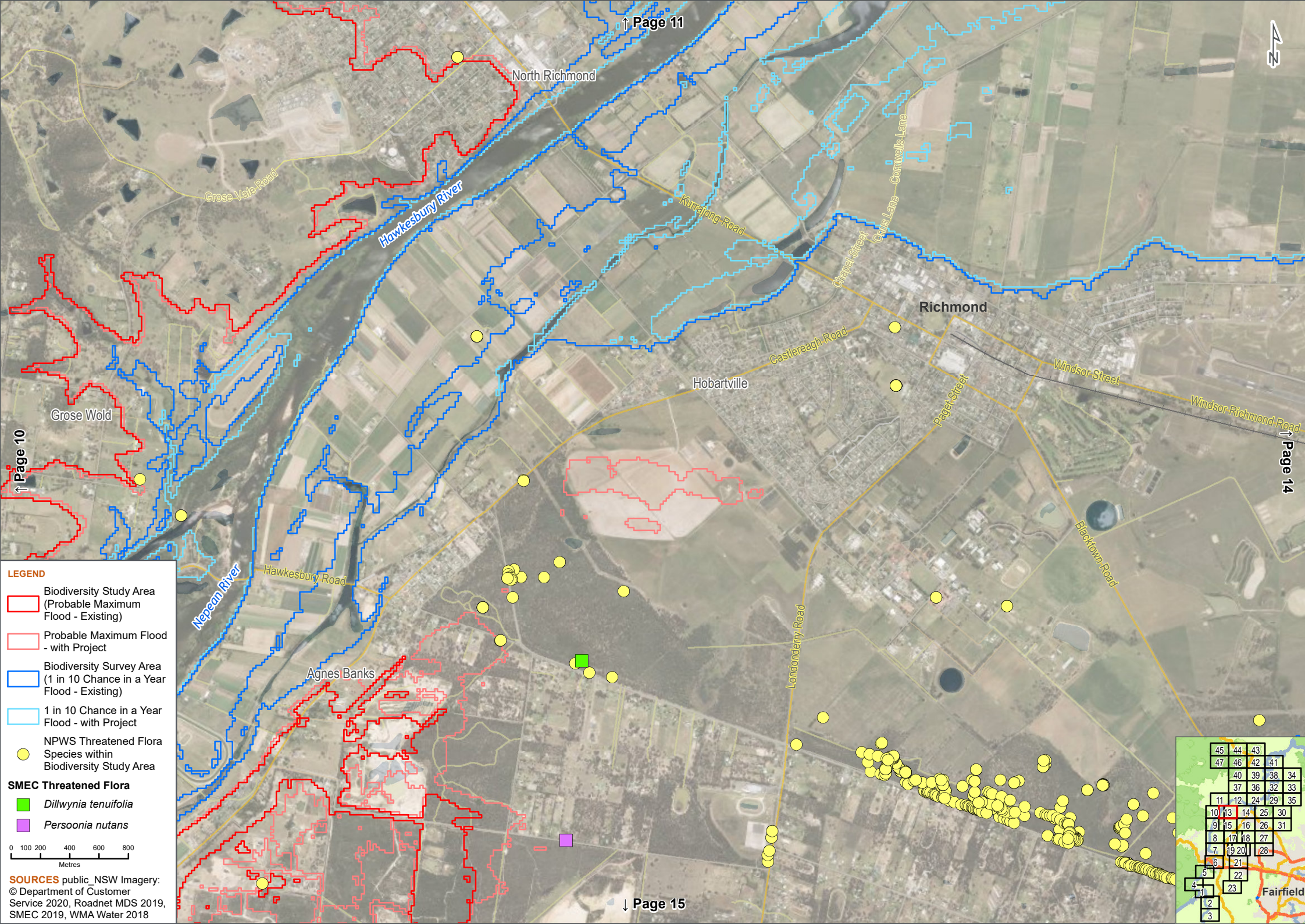
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0 100 200 400 600 800 Metres

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**LEGEND**

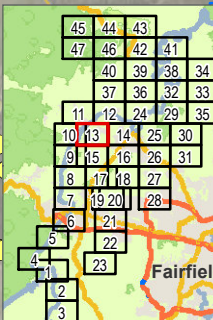
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- Persoonia nutans*

0 100 200 400 600 800  
Metres

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Richmond

Cornwallis

Pitt Town Bottoms

Richmond RAAF

Hawkesbury River

Windsor Street

Windsor Richmond Road

Hawkesbury Valley Way

Windsor

South Creek

Mcgraths Hill

Clarendon

South Windsor

Mulgrave

**LEGEND**

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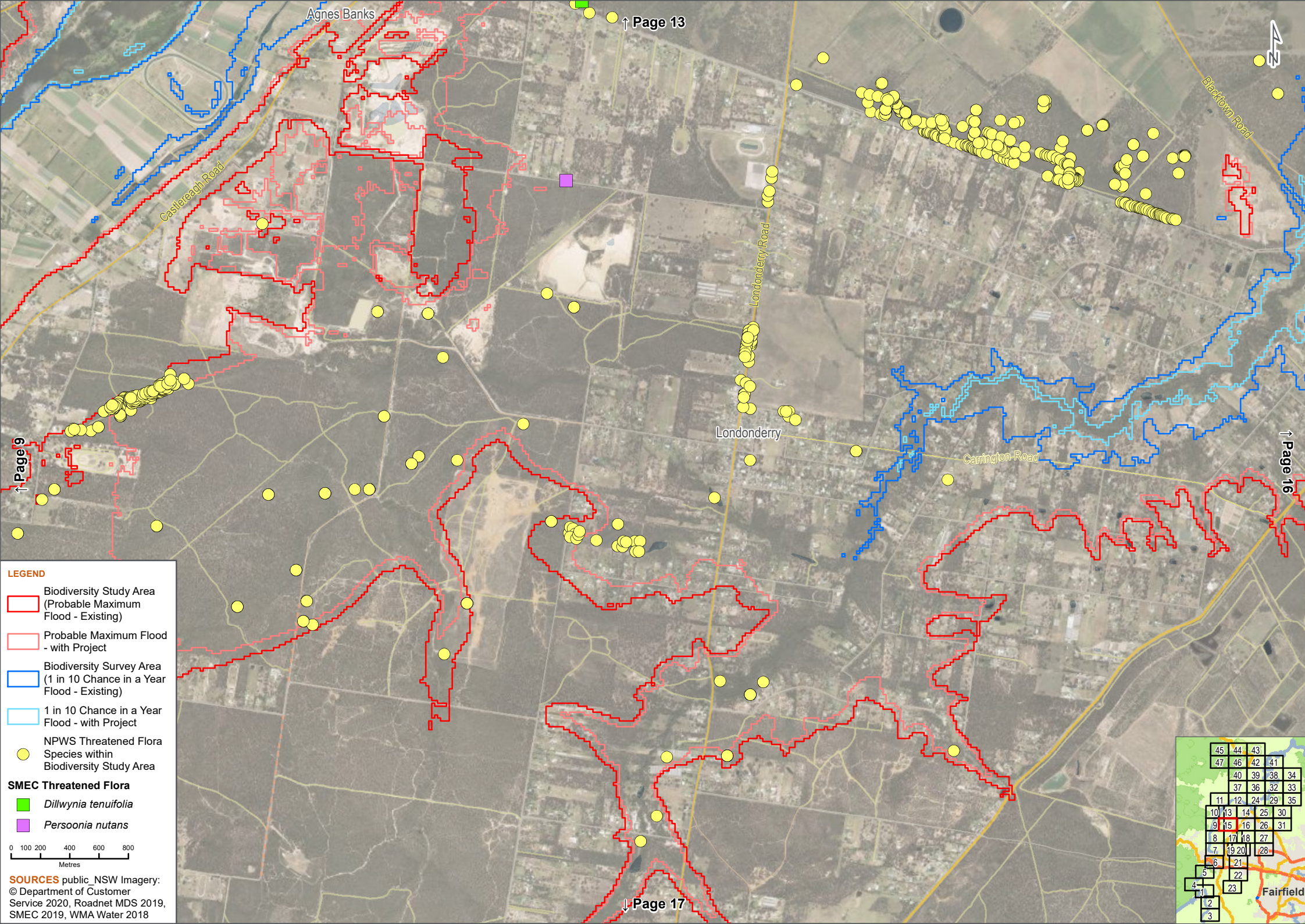
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**SOURCES** public\_ NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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3		

Fairfield





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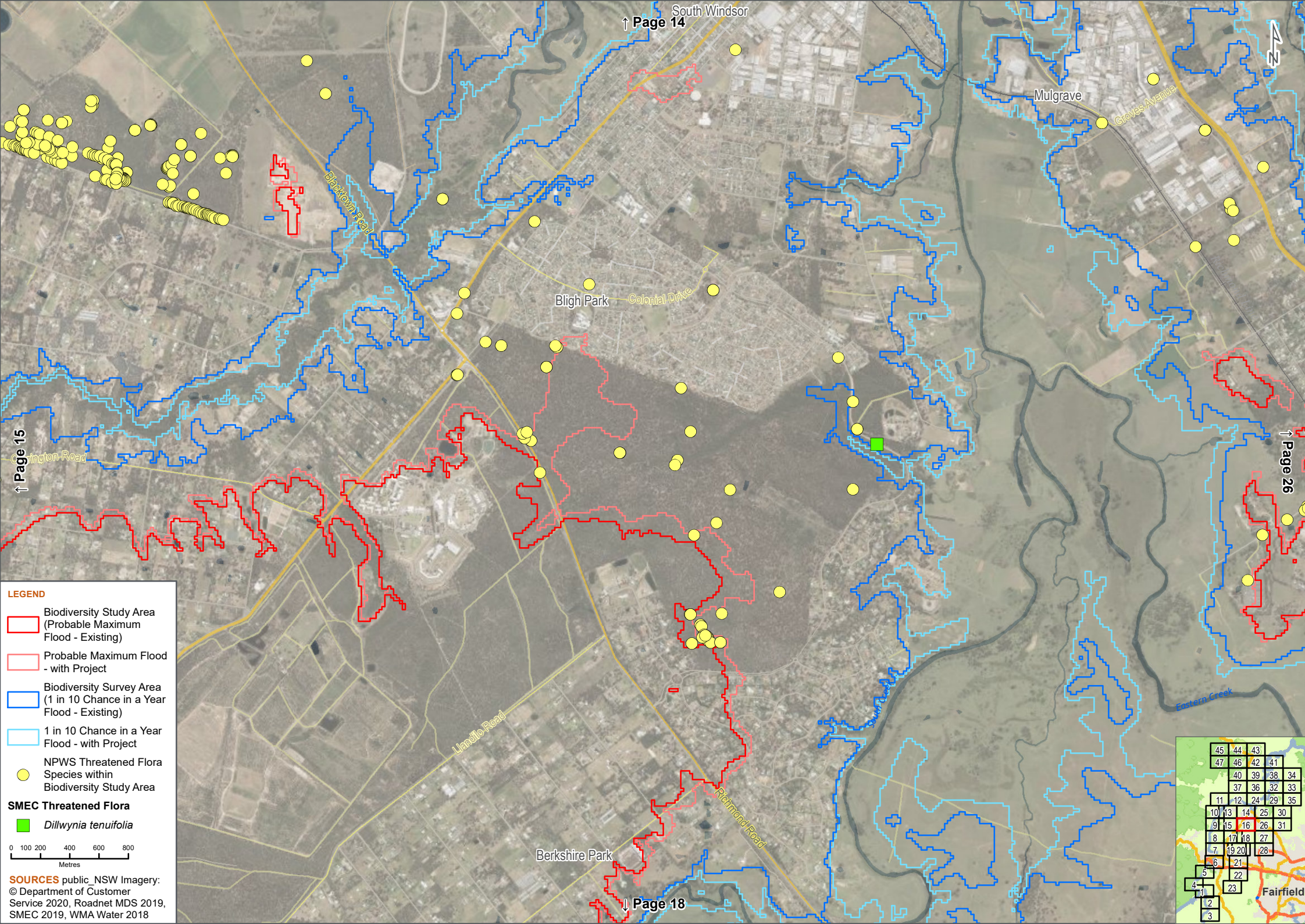
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Metres

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Fairfield





↑ Page 14

22

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**LEGEND**

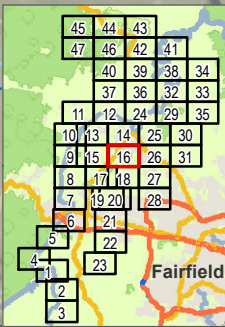
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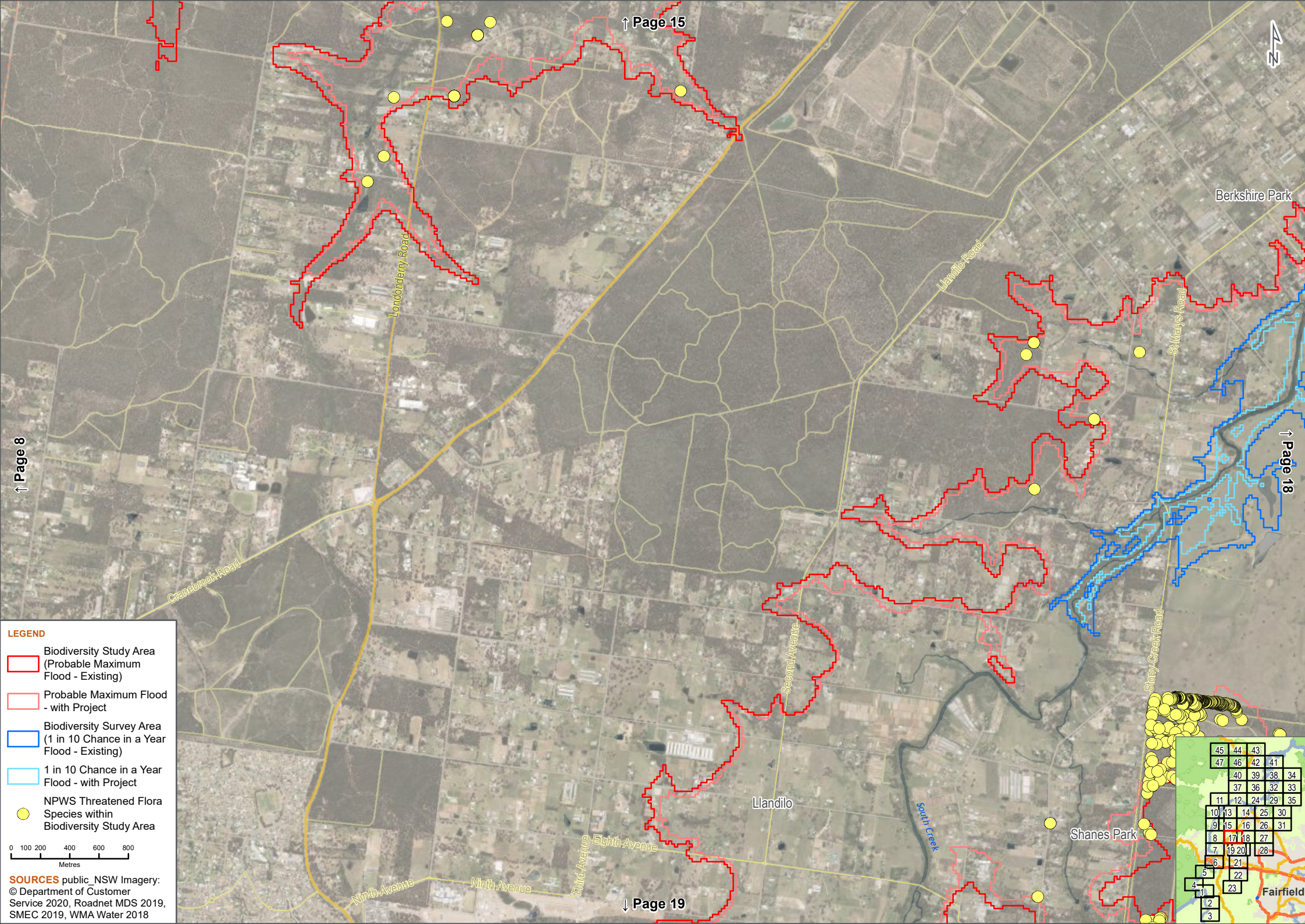
- Dillwynia tenuifolia*

0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





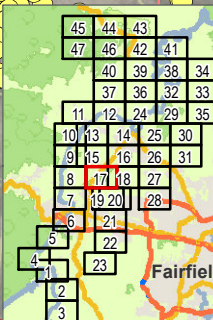


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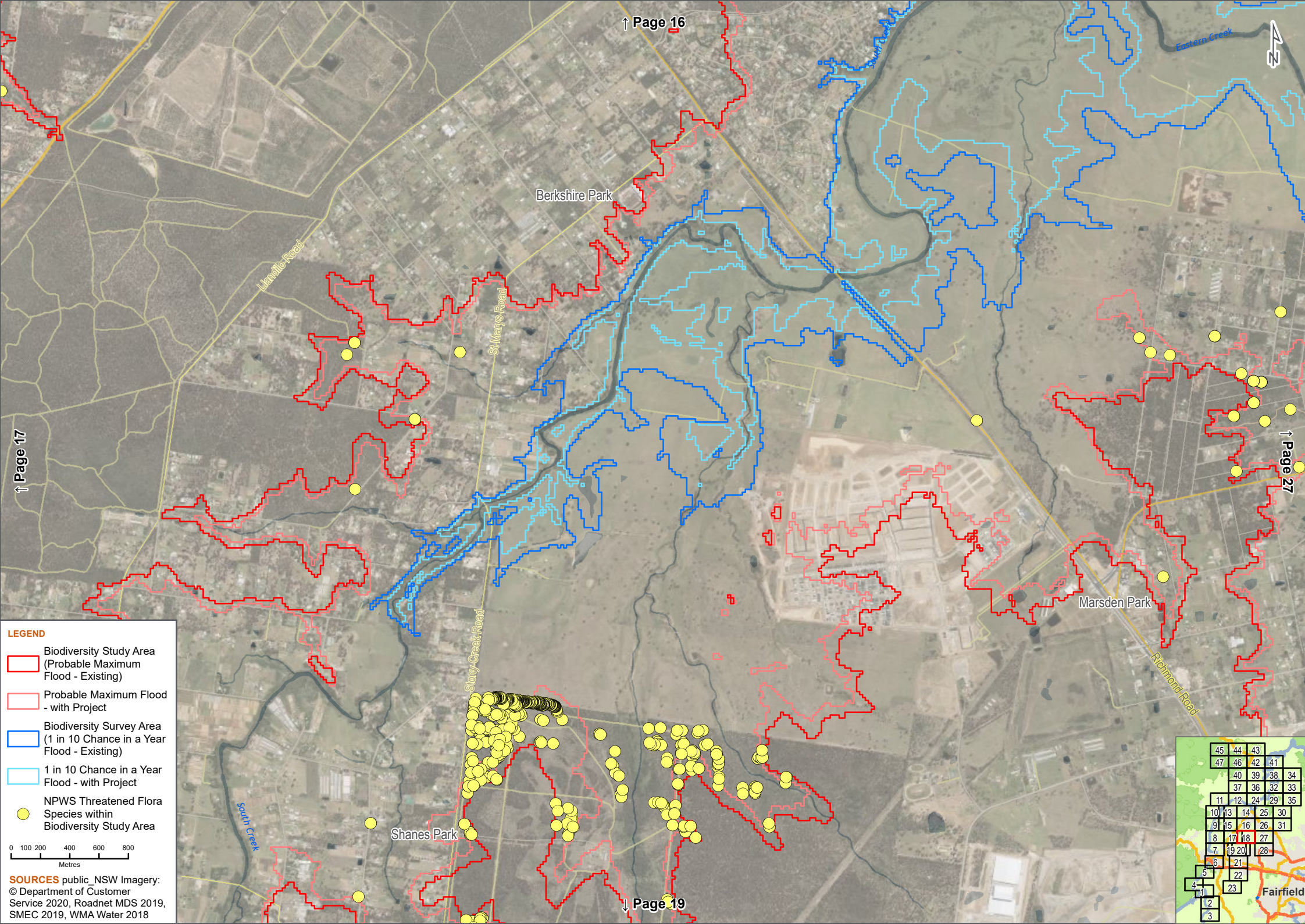
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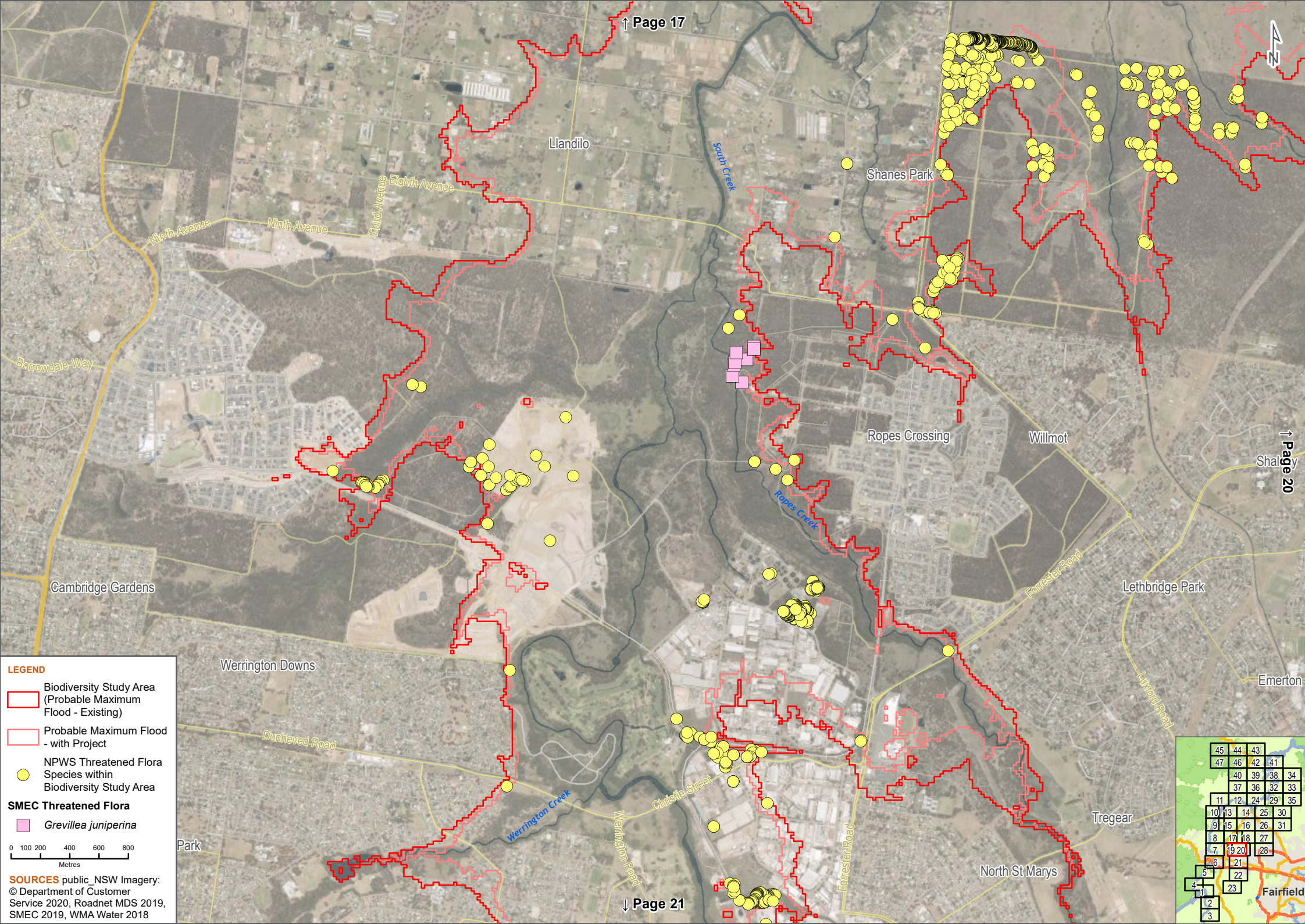
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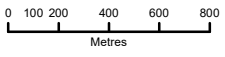


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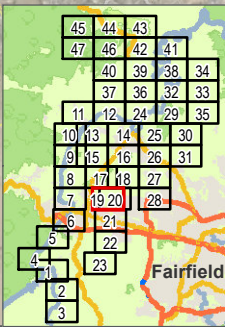
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- NPWS Threatened Flora Species within Biodiversity Study Area

**SMEC Threatened Flora**

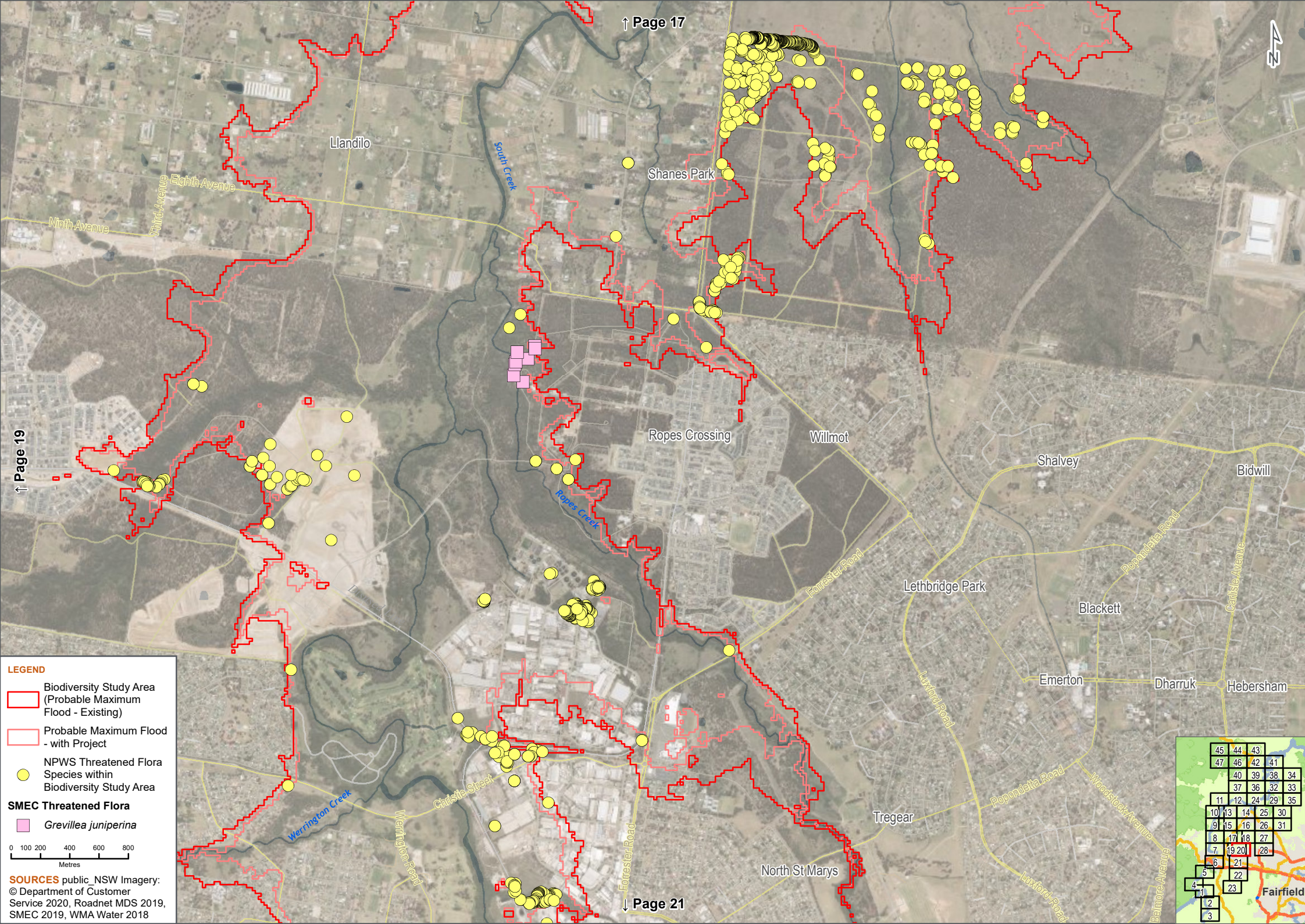
- Grevillea juniperina*



**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





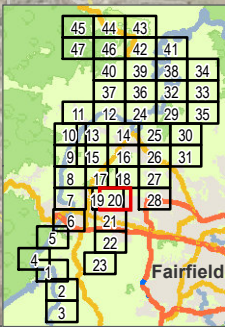


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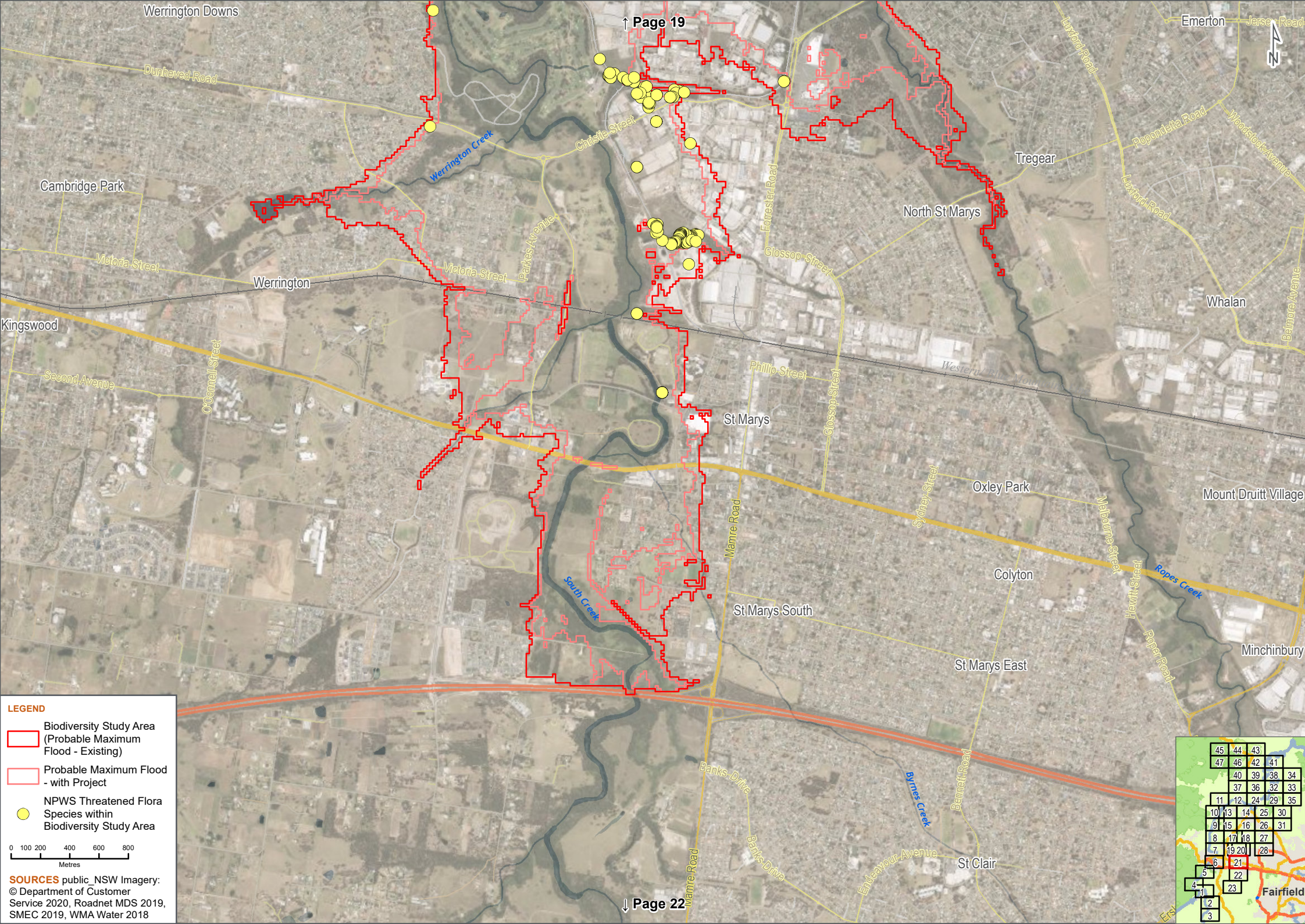
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- Probable Maximum Flood - with Project
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- Species within Biodiversity Study Area
- SMEC Threatened Flora**
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0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





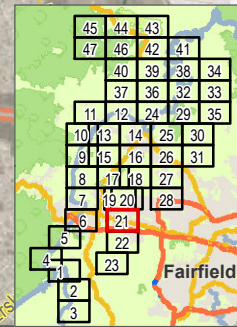


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- Probable Maximum Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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St Marys East

Carlisle Avenue



Banks Drive

Banks Drive

Endeavour Avenue

Banks Drive

St Clair

Bennett Road

Erskine Park Road


Erskine Park


Manne Road

Blaxland Creek

South Creek

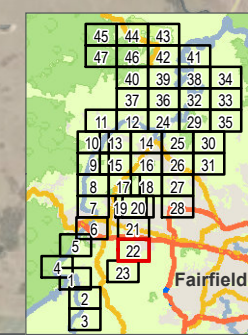
**LEGEND**

 Biodiversity Study Area  
(Probable Maximum  
Flood - Existing)

 Probable Maximum Flood  
- with Project

0 100 200 400 600 800  
Metres

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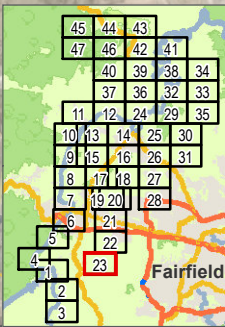
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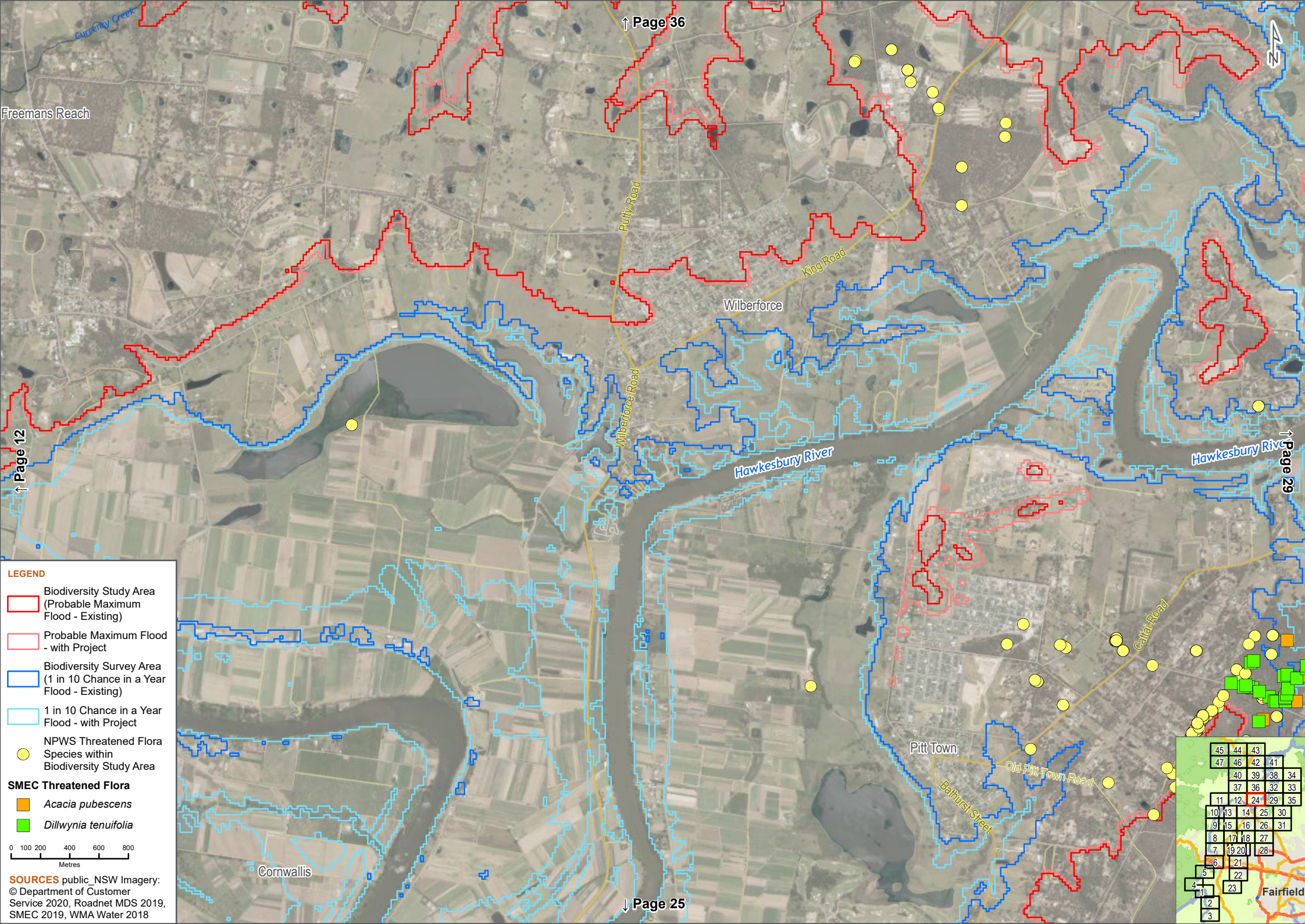
Probable Maximum Flood  
- with Project

0 100 200 400 600 800  
Metres

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**SMEC Threatened Flora**

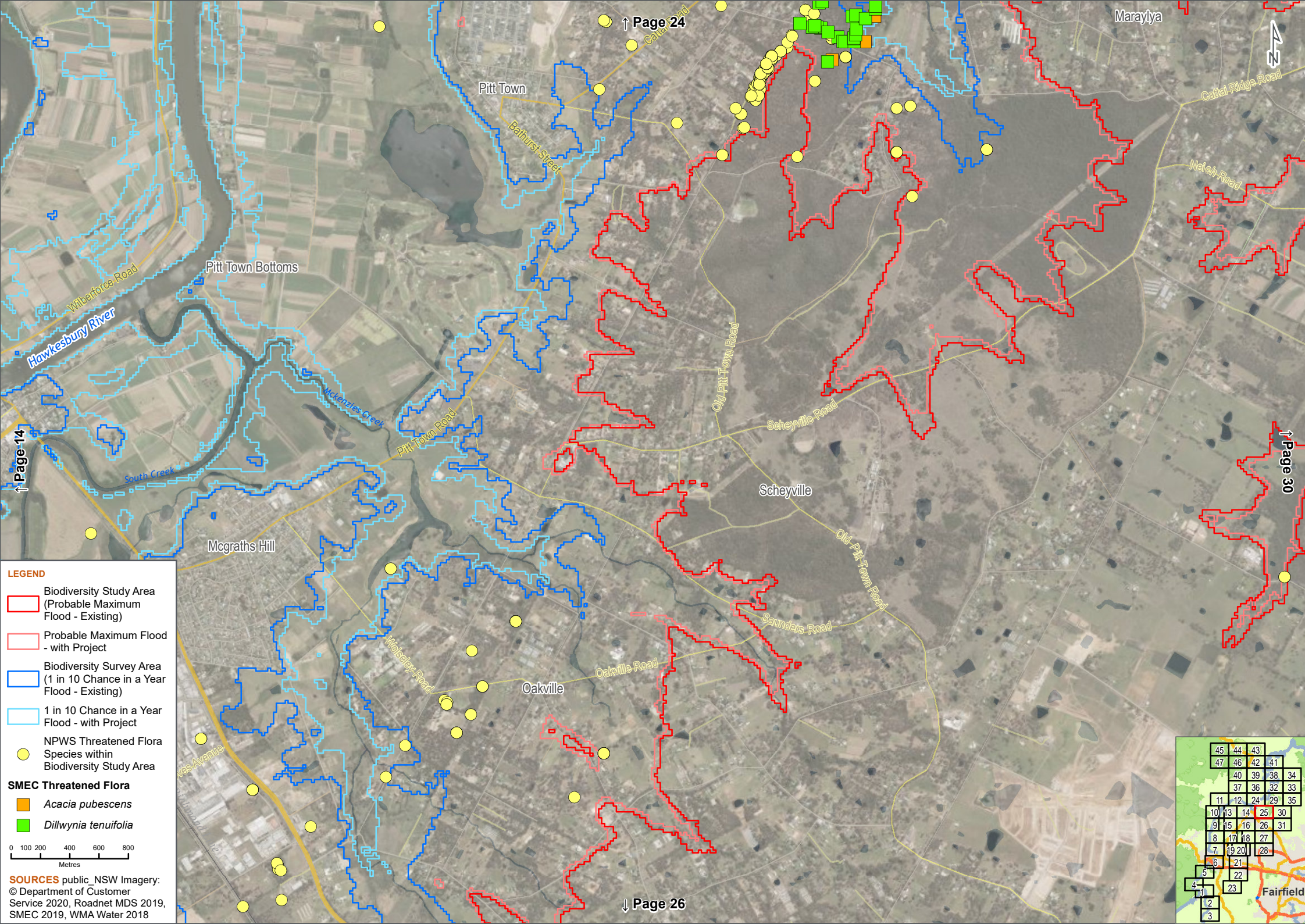
- Acacia pubescens
- Dillwynia tenuifolia

0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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Maraylya



Cattail Ridge Road

Wetch Road

↑ Page 30

Fairfield

↑ Page 24

Pitt Town

Bathurst Street

Pitt Town Bottoms

Hawkesbury River

↑ Page 14

Old Pitt Town Road

Scheyville Road

Scheyville

Old Pitt Town Road

Saunders Road

Oakville Road

Oakville

Wilsbey Road

Mcgraths Hill

Wes Avenue

**LEGEND**

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- SMEC Threatened Flora**
  - Acacia pubescens*
  - Dillwynia tenuifolia*

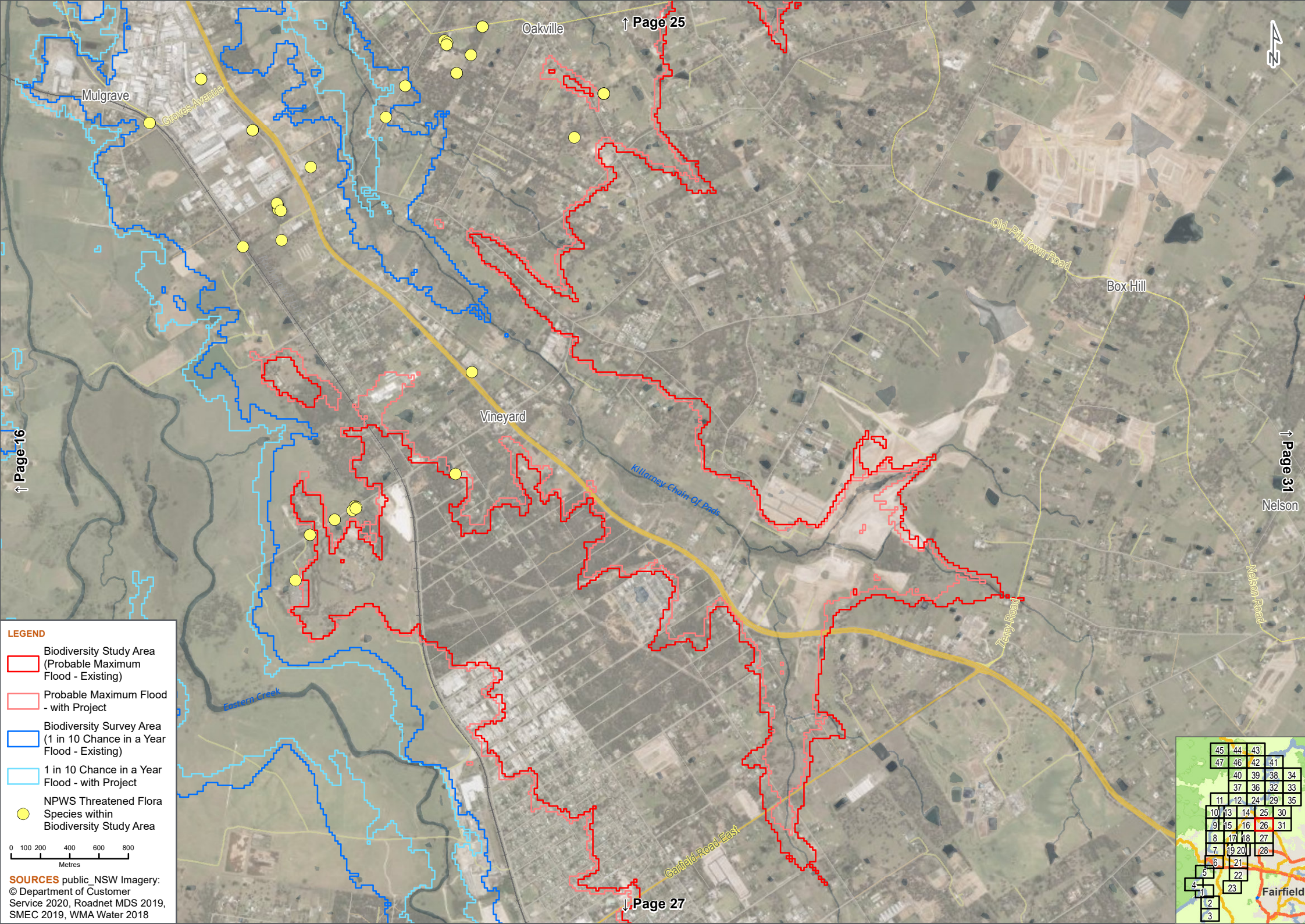
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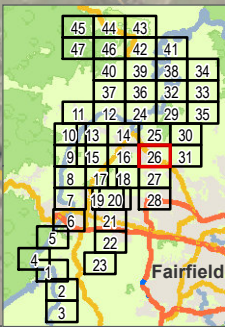


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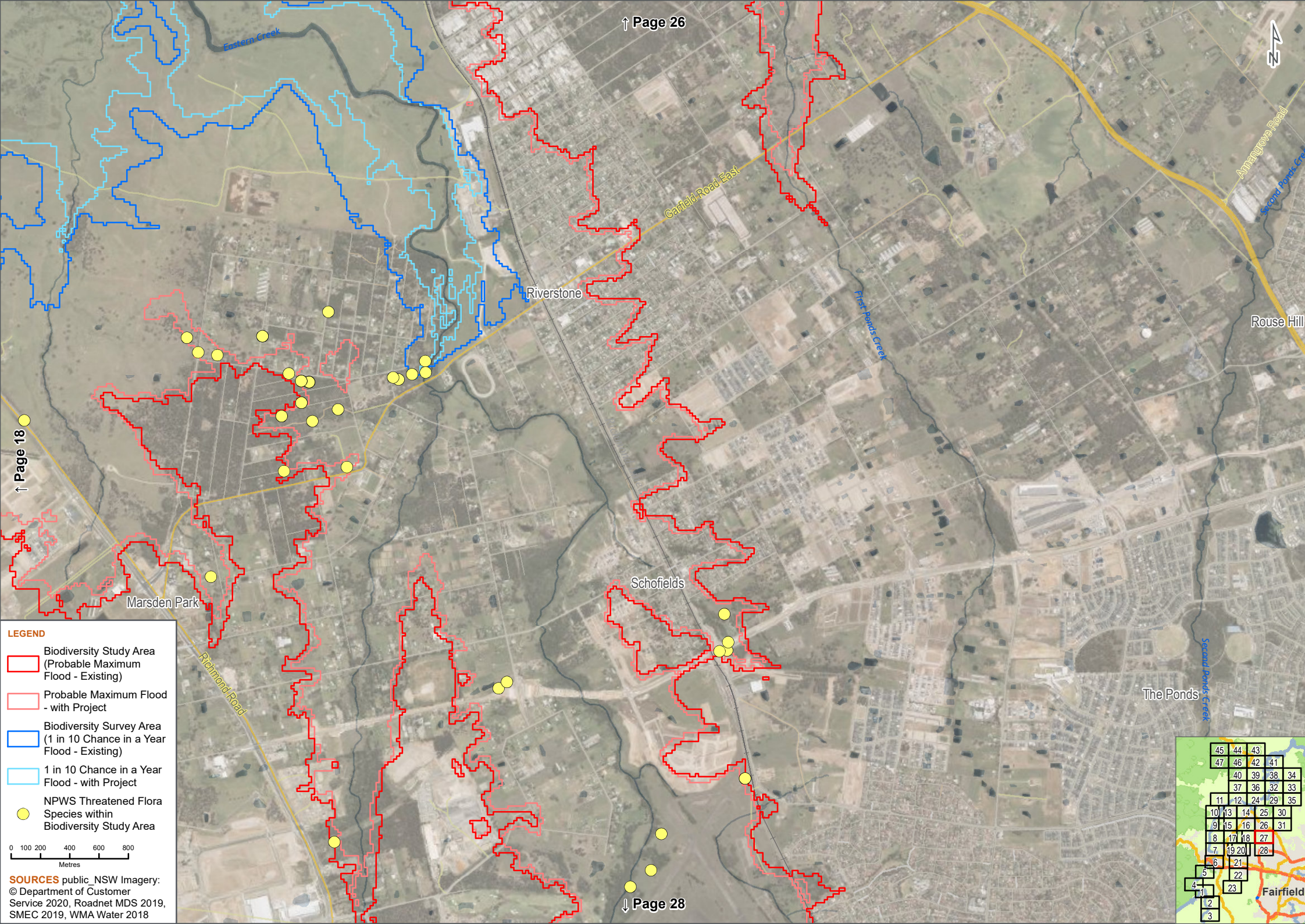
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0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





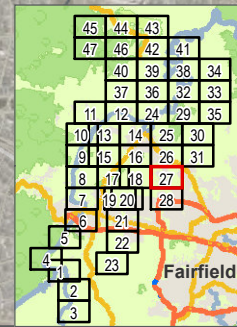


**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018





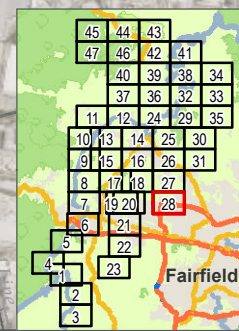


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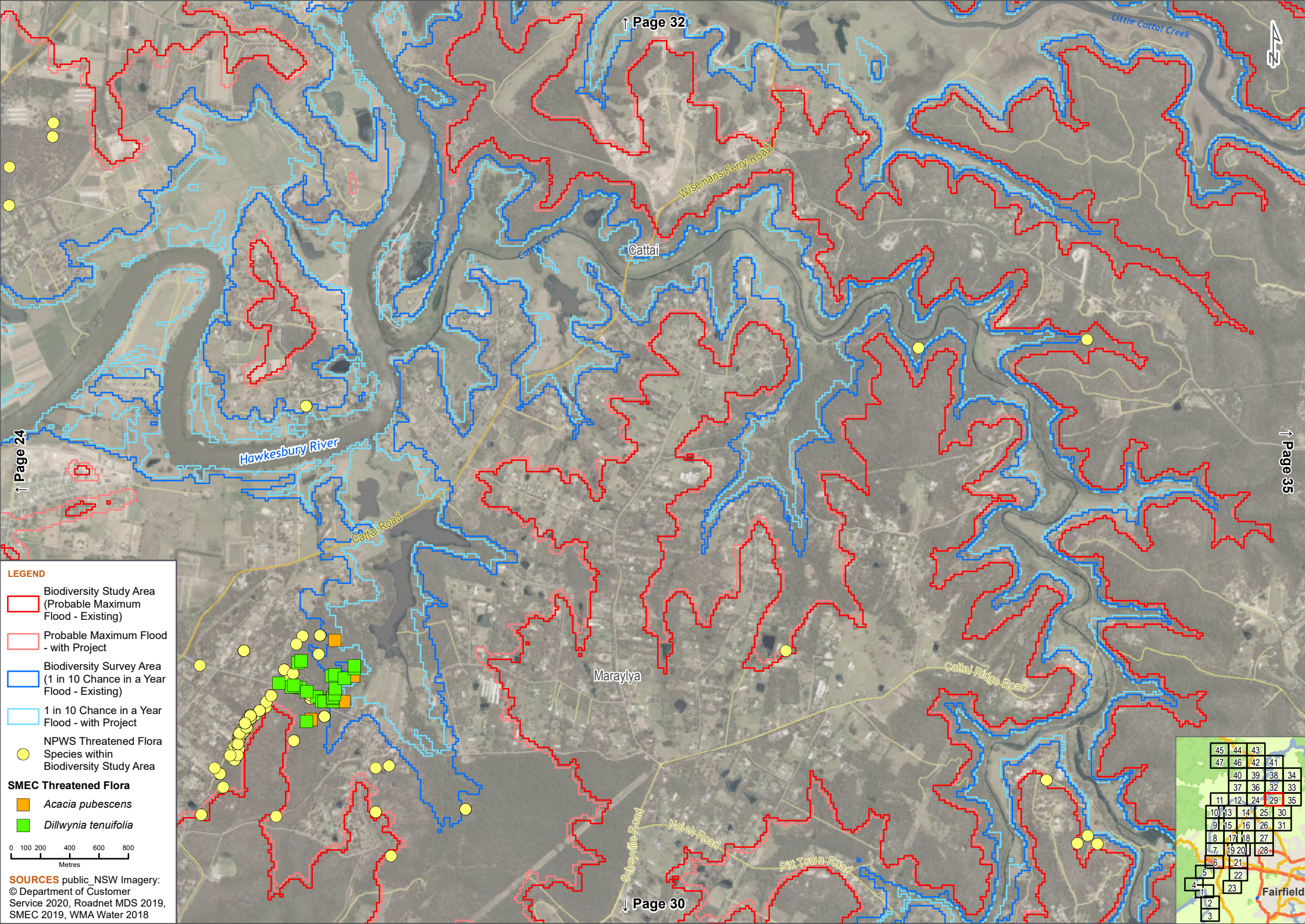
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

**SMEC Threatened Flora**

- Acacia pubescens*
- Dillwynia tenuifolia*

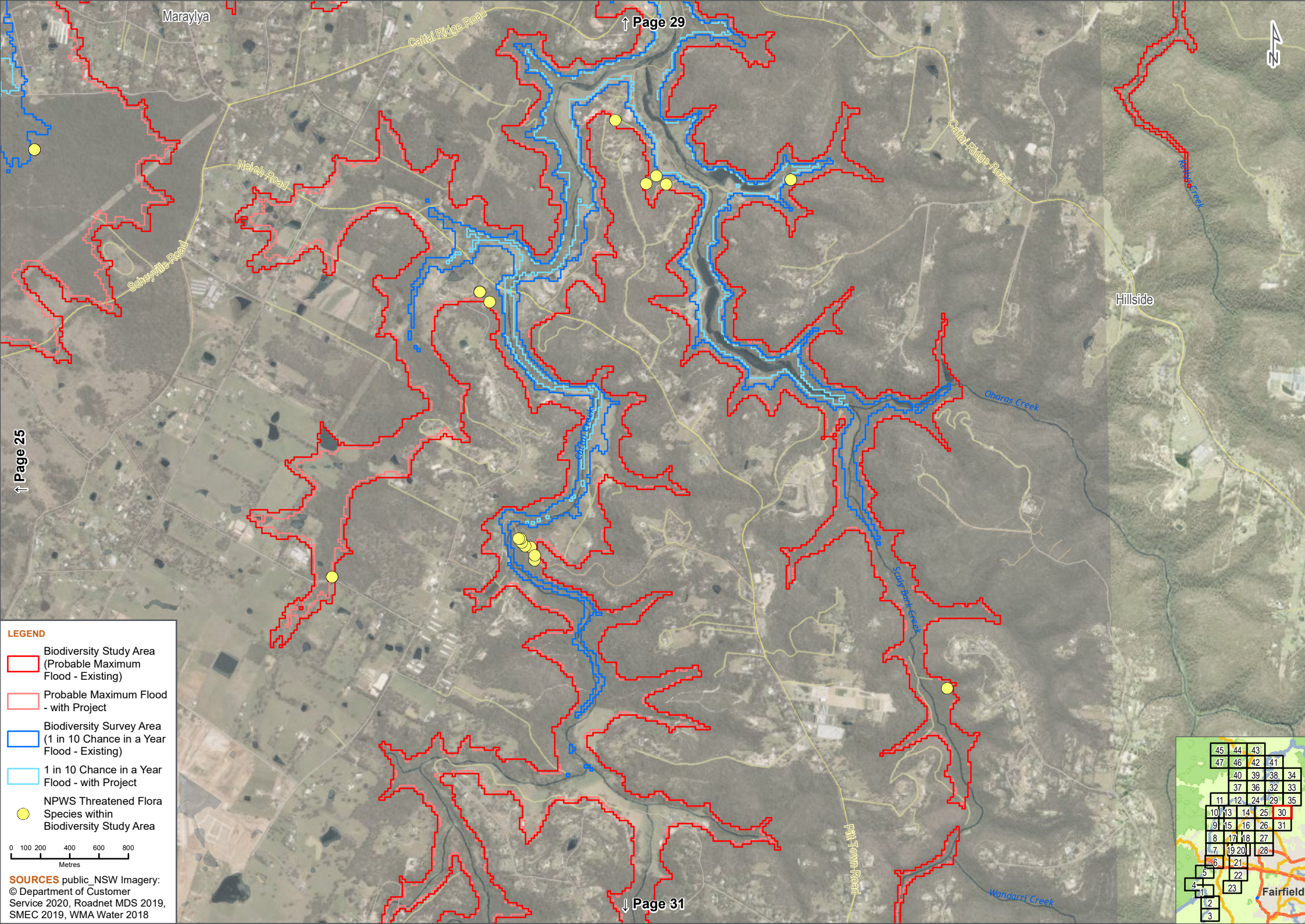
0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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Fairfield





Maraylya

↑ Page 29



↑ Page 25

Hillside

Fairfield

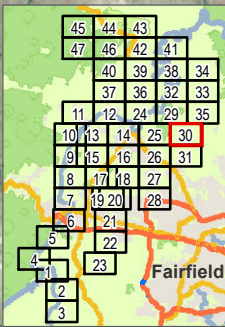
**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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↓ Page 31







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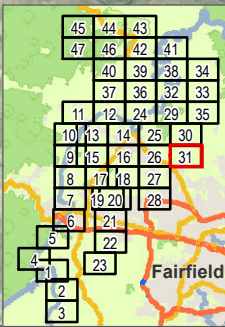
↑ Page 26

**LEGEND**

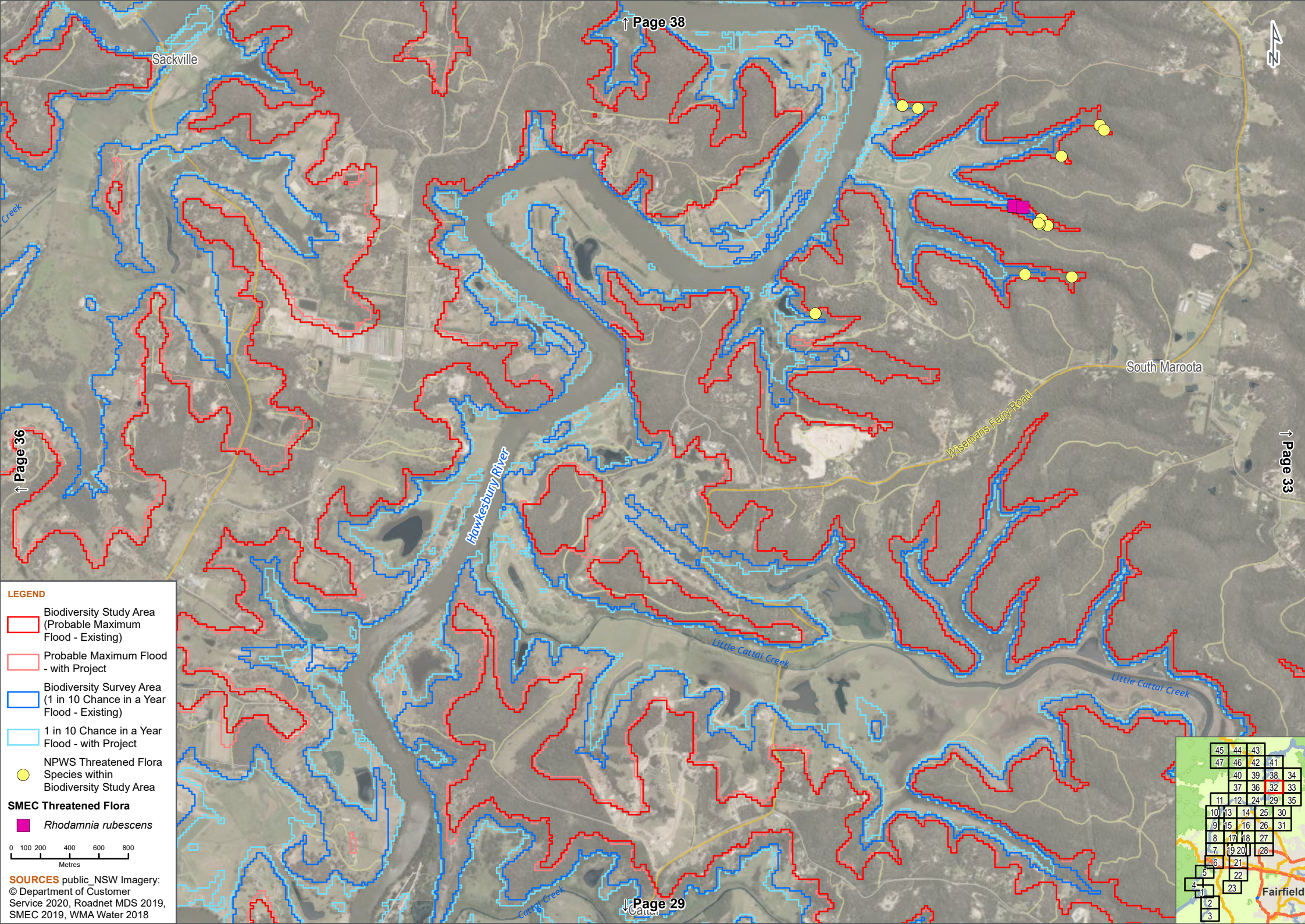
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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Sackville

↑ Page 38

43

South Maroota

Wisemans Ferry Road

↑ Page 33

Hawkesbury River

Little Cattai Creek

Little Cattai Creek

Cattai Creek

↓ Page 29

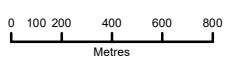
Fairfield

LEGEND

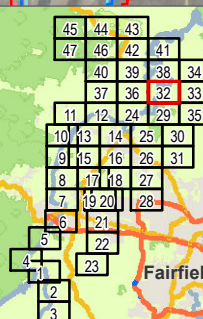
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

SMEC Threatened Flora

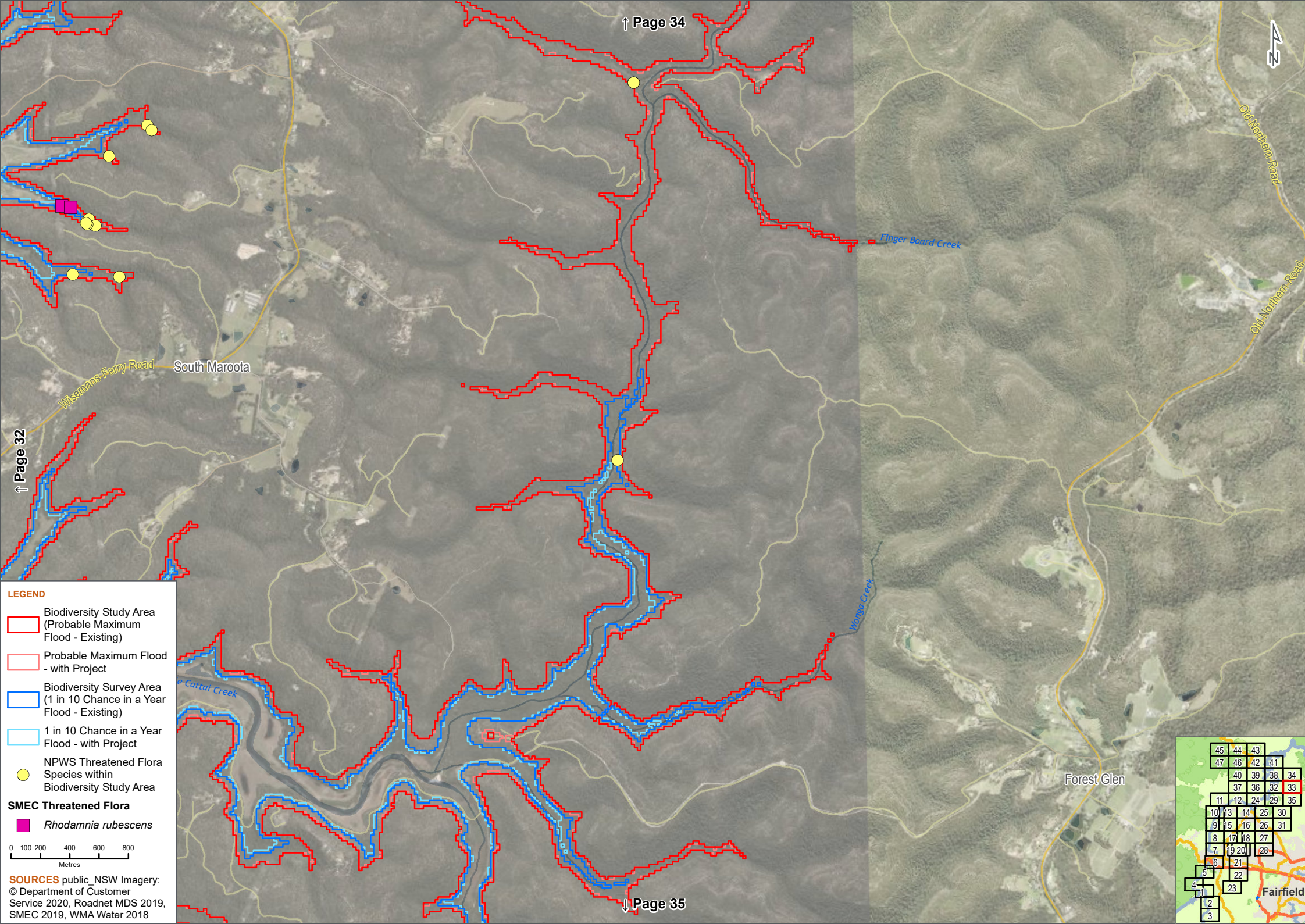
*Rhodamnia rubescens*



SOURCES public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018







**LEGEND**

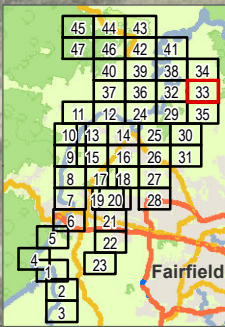
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

**SMEC Threatened Flora**

- Rhodamnia rubescens*

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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↑ Page 38

↓ Page 33

**LEGEND**

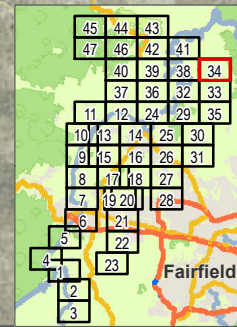
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

**SMEC Threatened Flora**

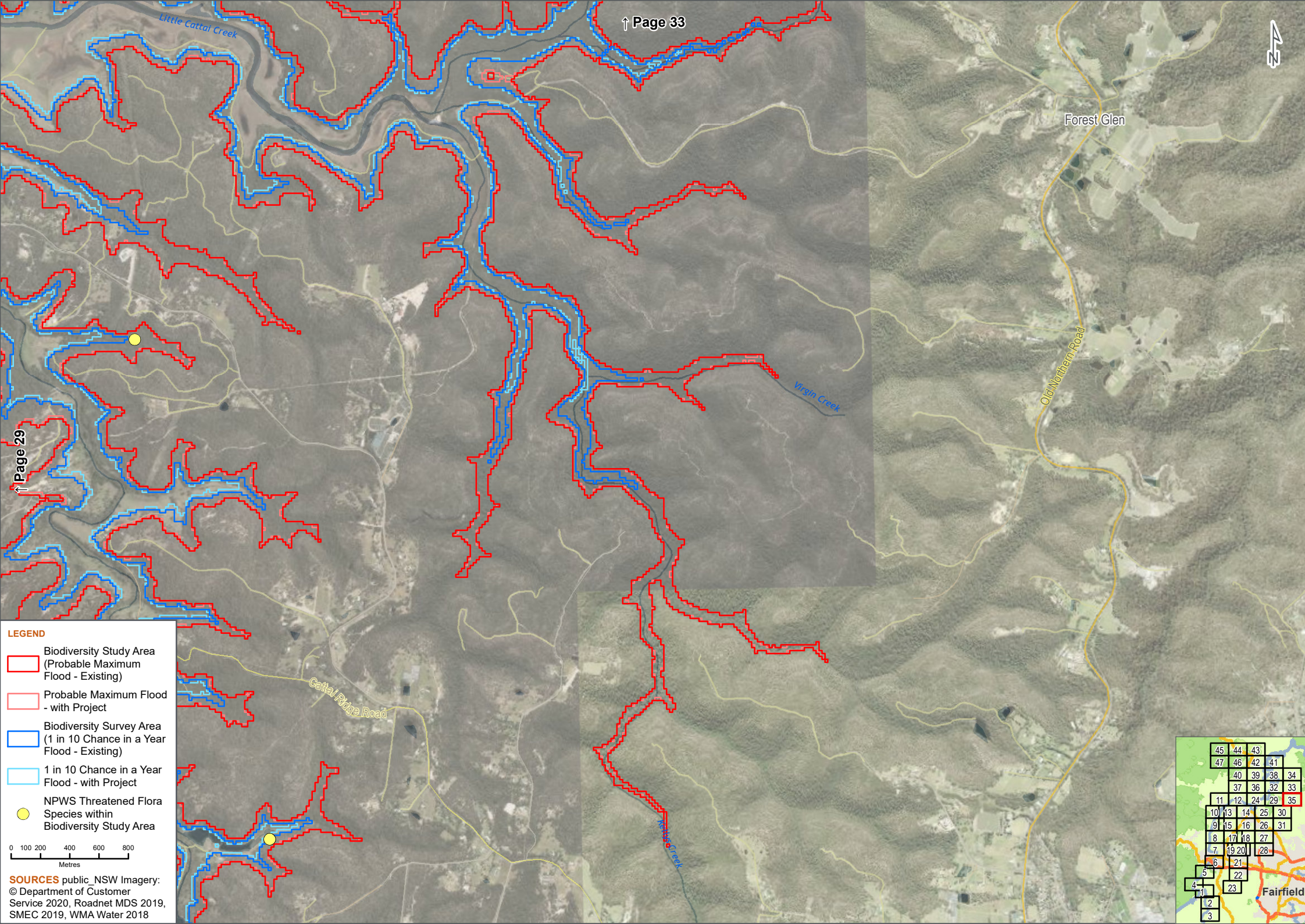
- Rhodamnia rubescens*

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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Forest Glen

Old Northern Road

Cattai Ridge Road

Virgin Creek

Little Cattai Creek

**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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Fairfield

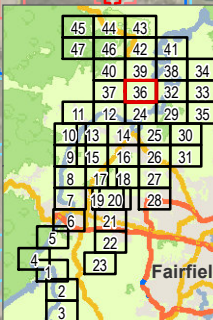


Sackville

Howes Creek

Puffy Road

Sackville Road



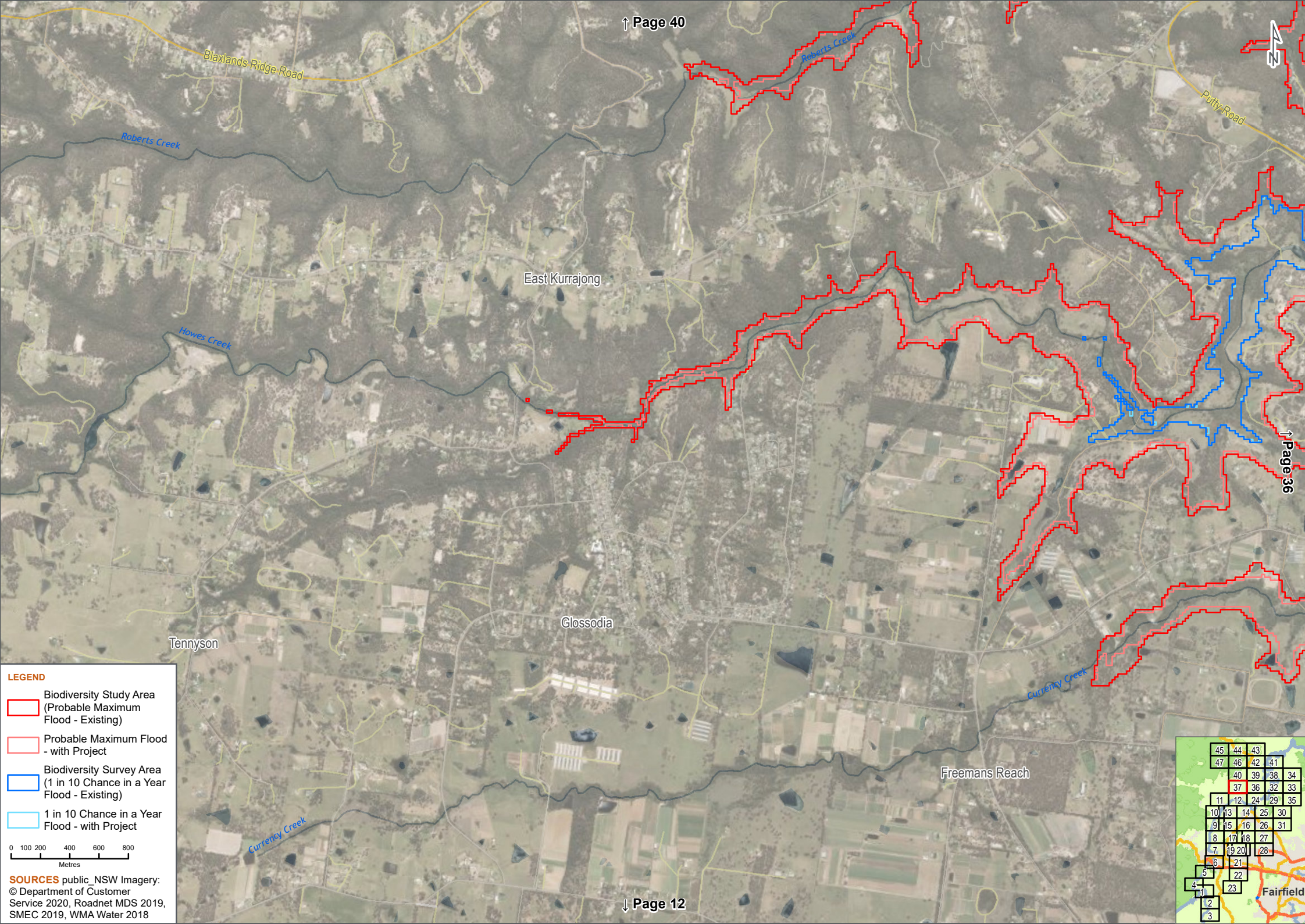
**LEGEND**

- Biodiversity Study Area  
(Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area  
(1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora  
Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer  
Service 2020, Roadnet MDS 2019,  
SMEC 2019, WMA Water 2018



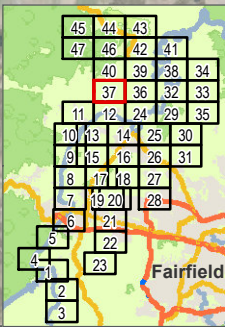


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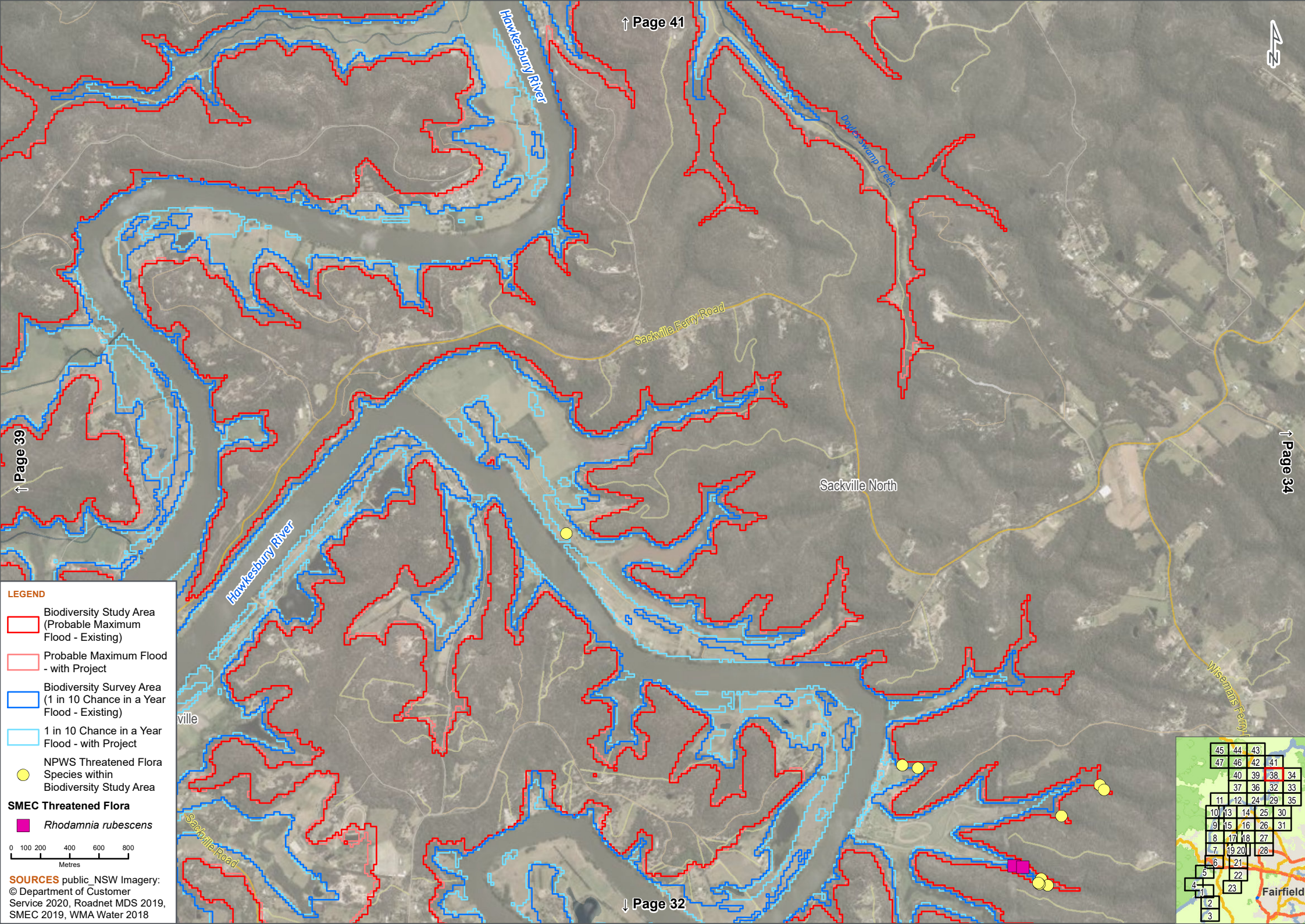
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project

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Metres

**SOURCES** public\_NSW Imagery:  
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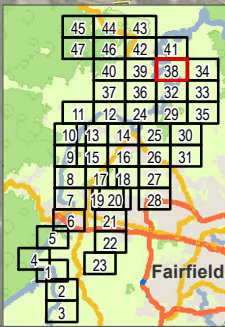


**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area
- SMEC Threatened Flora**
  - Rhodamnia rubescens*

0 100 200 400 600 800  
Metres

**SOURCES** public\_ NSW Imagery:  
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Blaxlands Ridge Road

Roberts Creek

Sackville Ferry Road  
Hawkesbury River

Sackville

Purty Road

Howes Creek

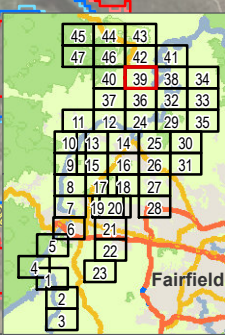
Fairfield

**LEGEND**

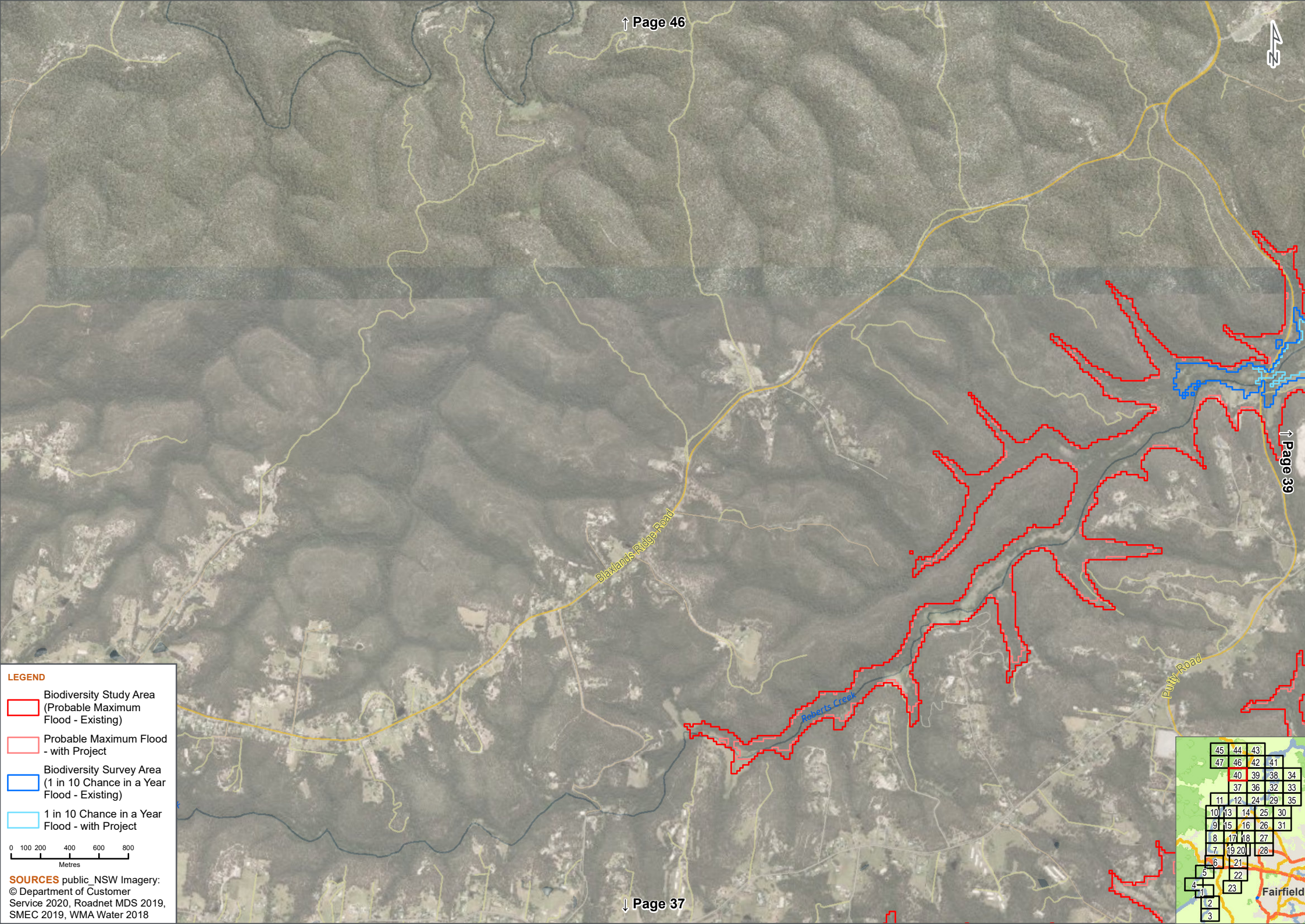
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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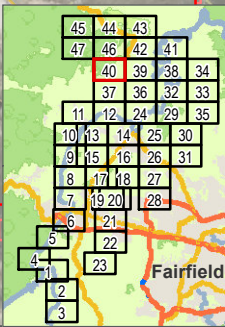


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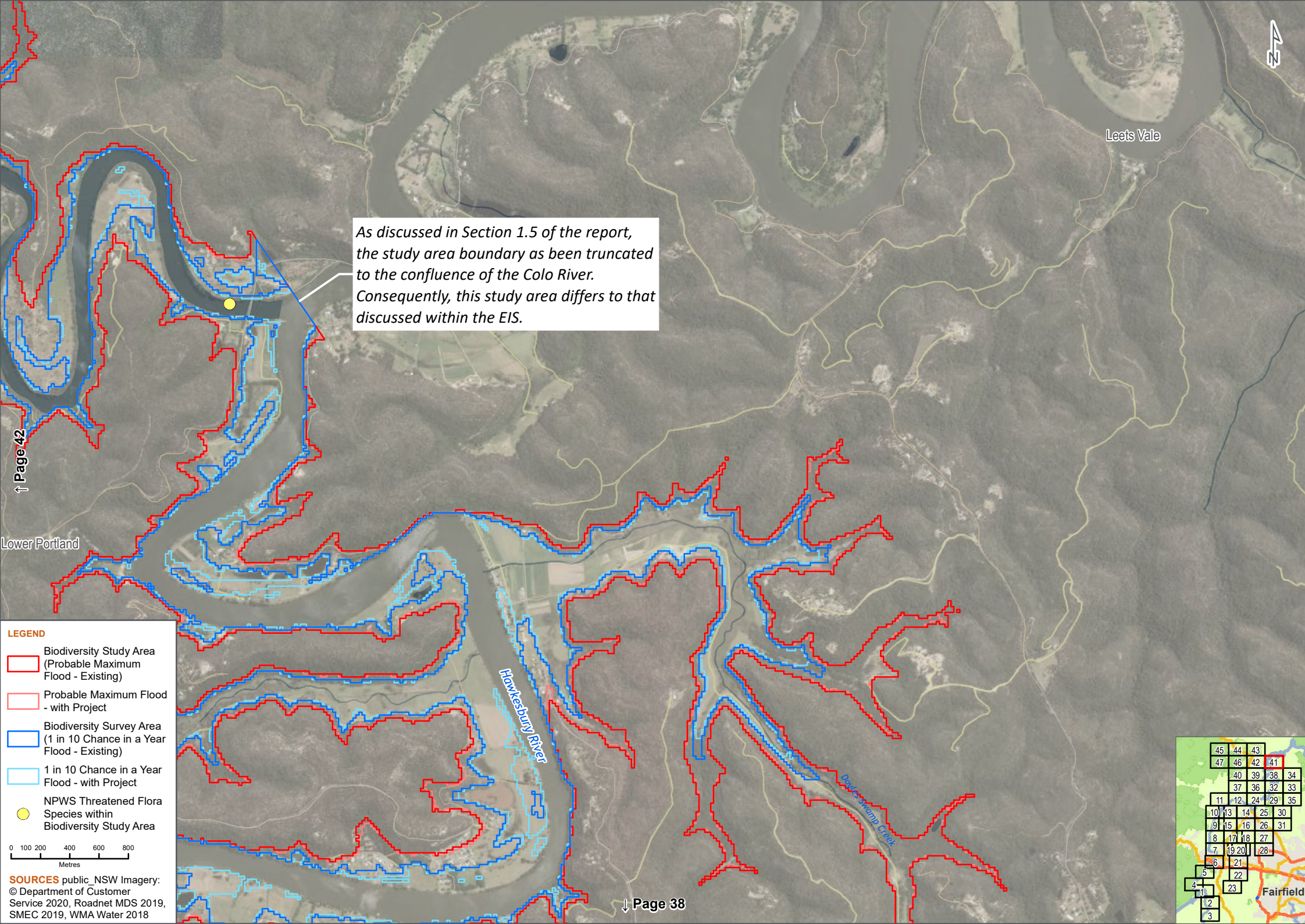
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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As discussed in Section 1.5 of the report, the study area boundary has been truncated to the confluence of the Colo River. Consequently, this study area differs to that discussed within the EIS.

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Lower Portland

Hawkesbury River

Debus Swamp Creek

Leets Vale



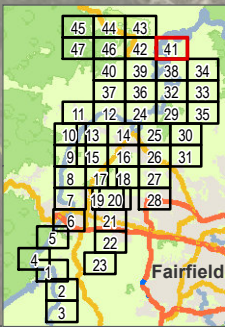
**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

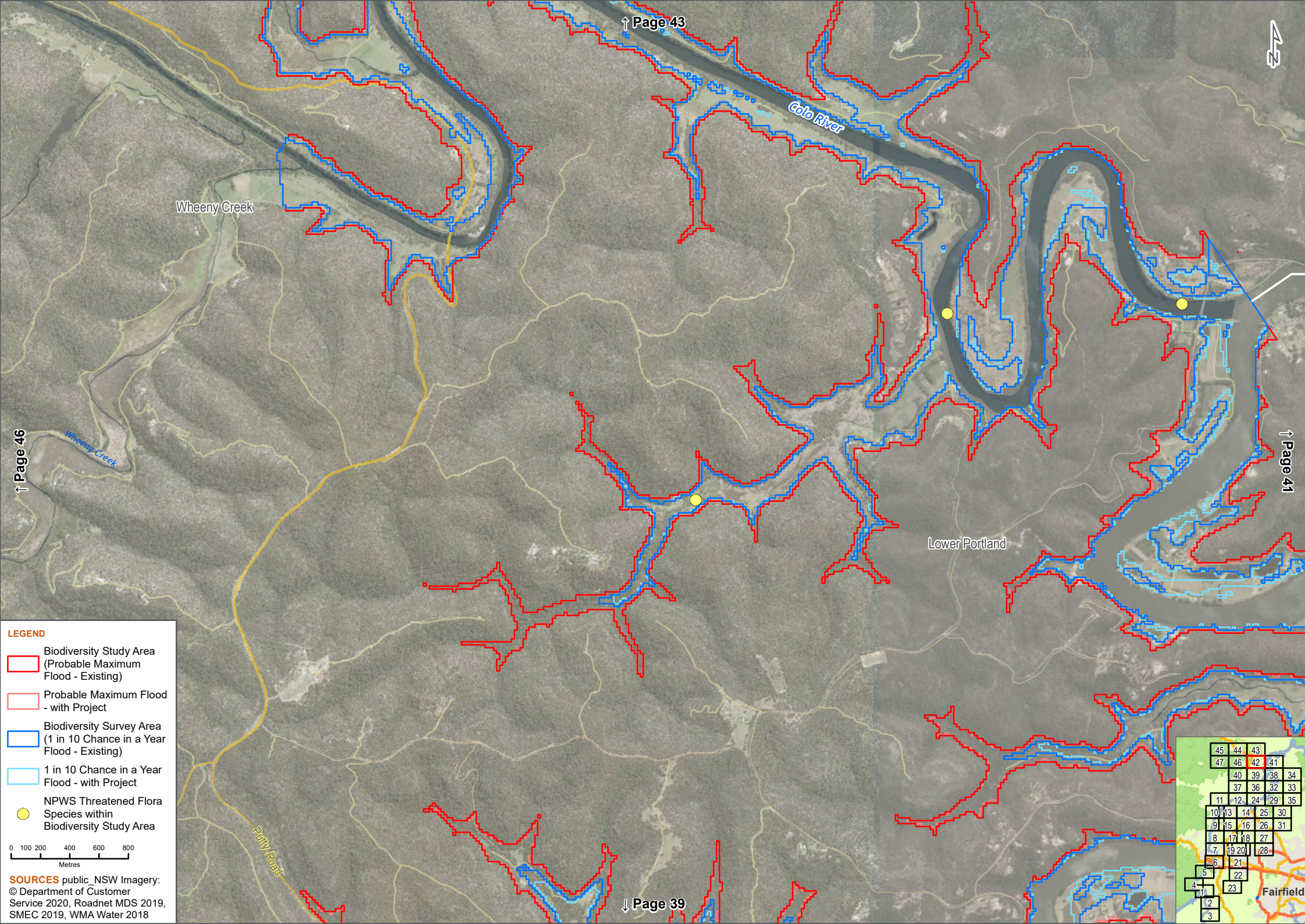
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**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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↑ Page 43

43

Colo River

Wheeny Creek

↑ Page 46

↓ Page 41

Lower Portland

↓ Page 39

**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

**SOURCES** public\_ NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

45	44	43
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Fairfield



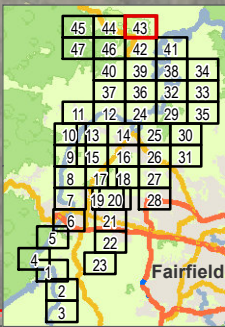


**LEGEND**

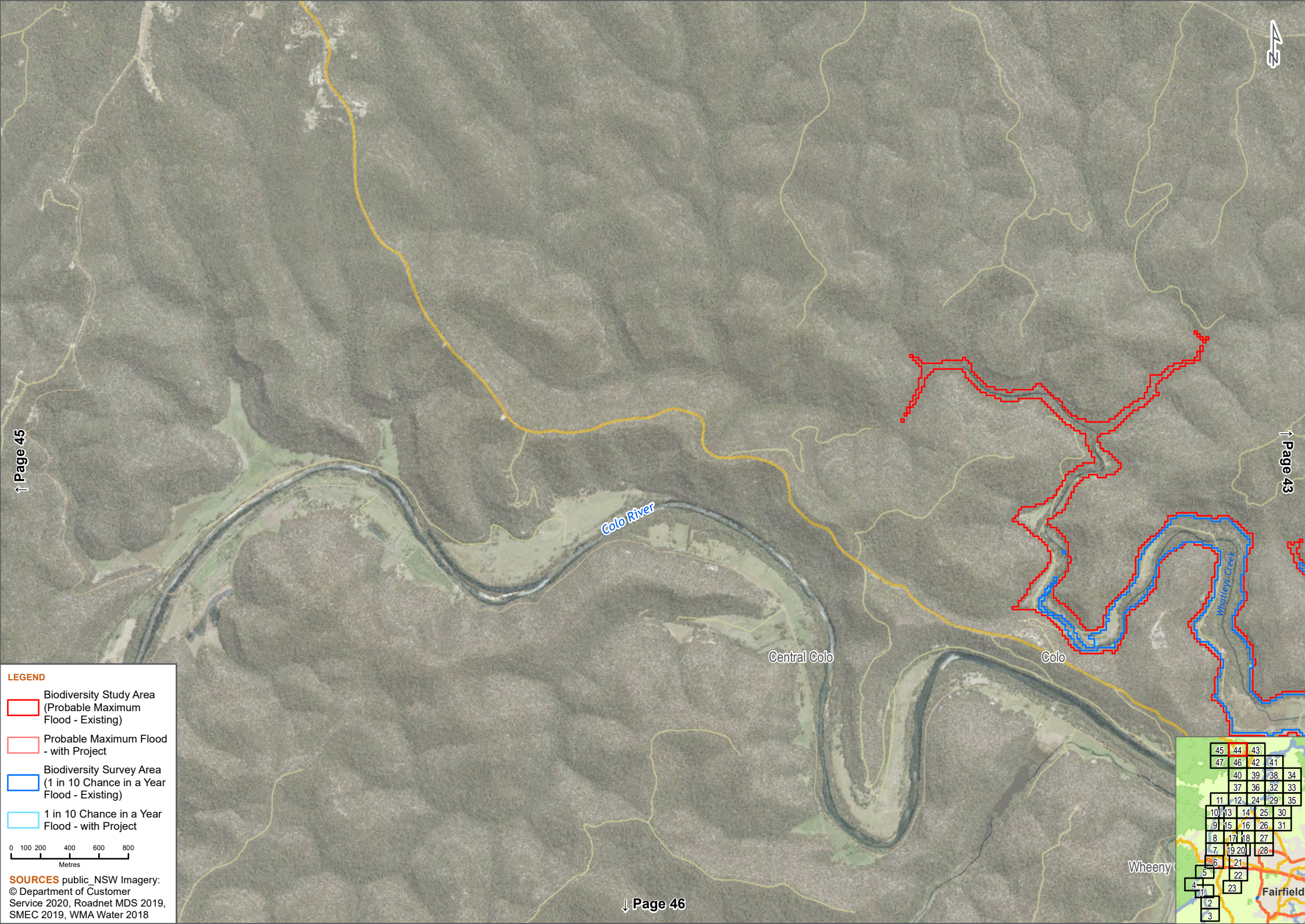
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Flora Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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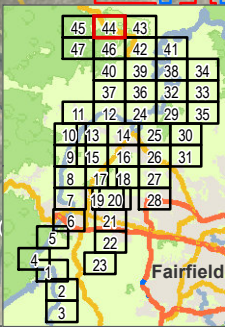


**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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Upper Colo

Wheeny Creek

Blaxlands Ridge Road

Fairfield

↑ Page 44

↑ Page 42

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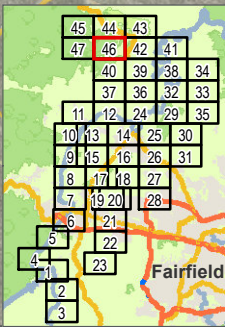
↓ Page 40

**LEGEND**

- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project

0 100 200 400 600 800  
Metres

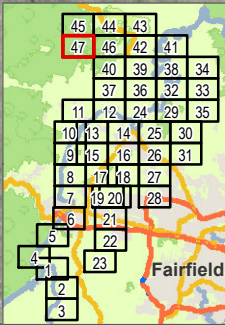
**SOURCES** public\_ NSW Imagery:  
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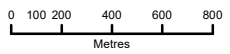
Gospers Creek

Wheeny Creek



Fairfield

LEGEND



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