



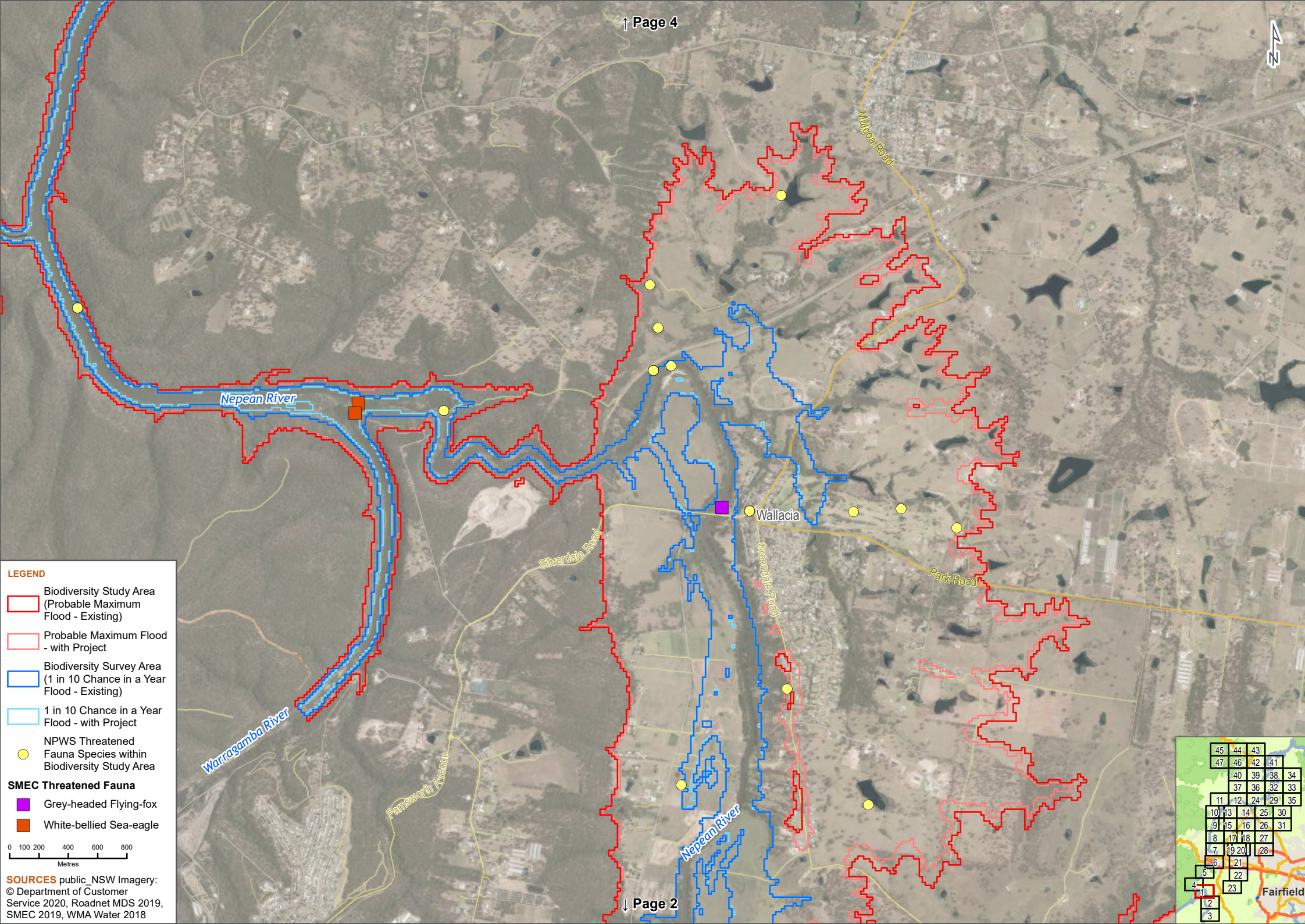
## Environmental Impact Statement-Appendix F2: Downstream Ecological Assessment

# Warragamba Dam Raising

Reference No. 30012078  
Prepared for WaterNSW  
10 September 2021

Appendix I – Part 7: Threatened fauna records





**LEGEND**

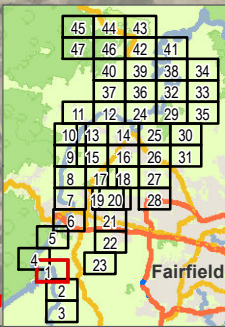
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

**SMEC Threatened Fauna**

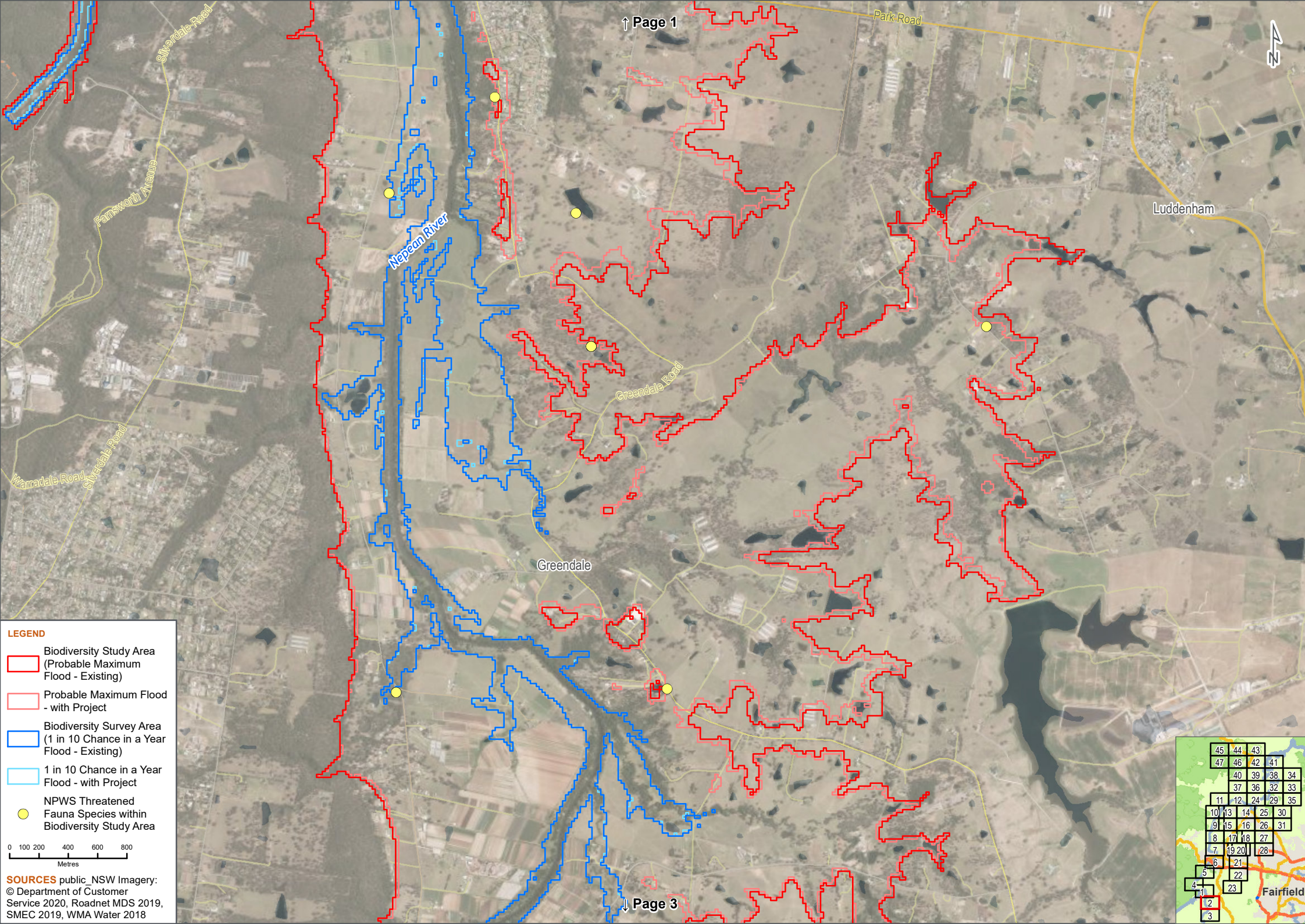
- Grey-headed Flying-fox
- White-bellied Sea-eagle

0 100 200 400 600 800  
Metres

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





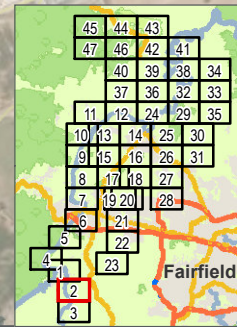


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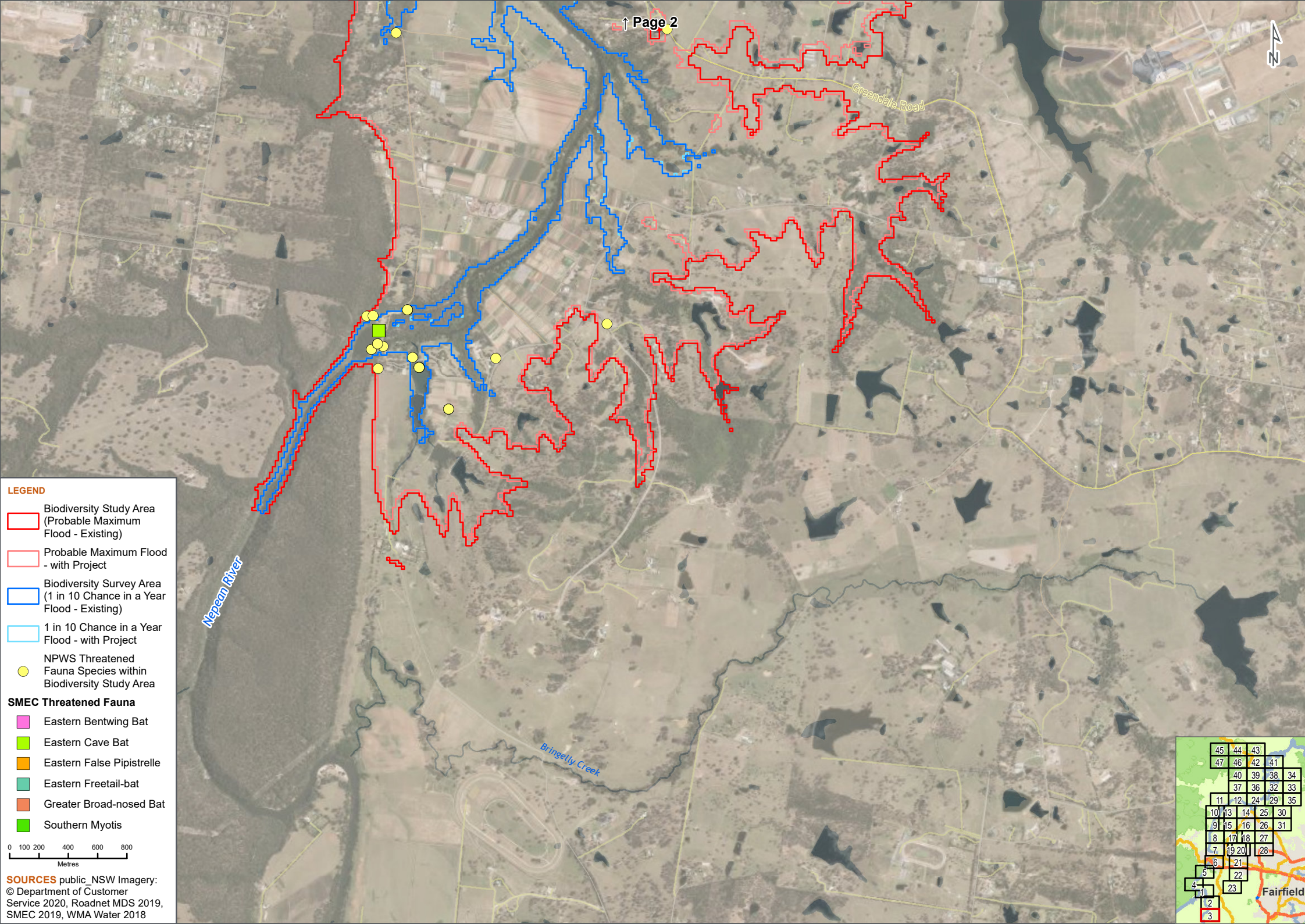
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

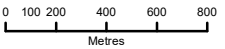
**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018



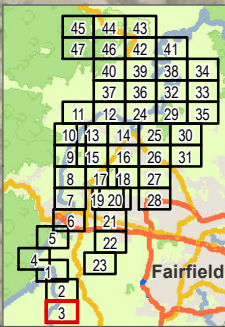




- LEGEND**
- Biodiversity Study Area (Probable Maximum Flood - Existing)
  - Probable Maximum Flood - with Project
  - Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
  - 1 in 10 Chance in a Year Flood - with Project
  - NPWS Threatened Fauna Species within Biodiversity Study Area
- SMEC Threatened Fauna**
- Eastern Bentwing Bat
  - Eastern Cave Bat
  - Eastern False Pipistrelle
  - Eastern Freetail-bat
  - Greater Broad-nosed Bat
  - Southern Myotis

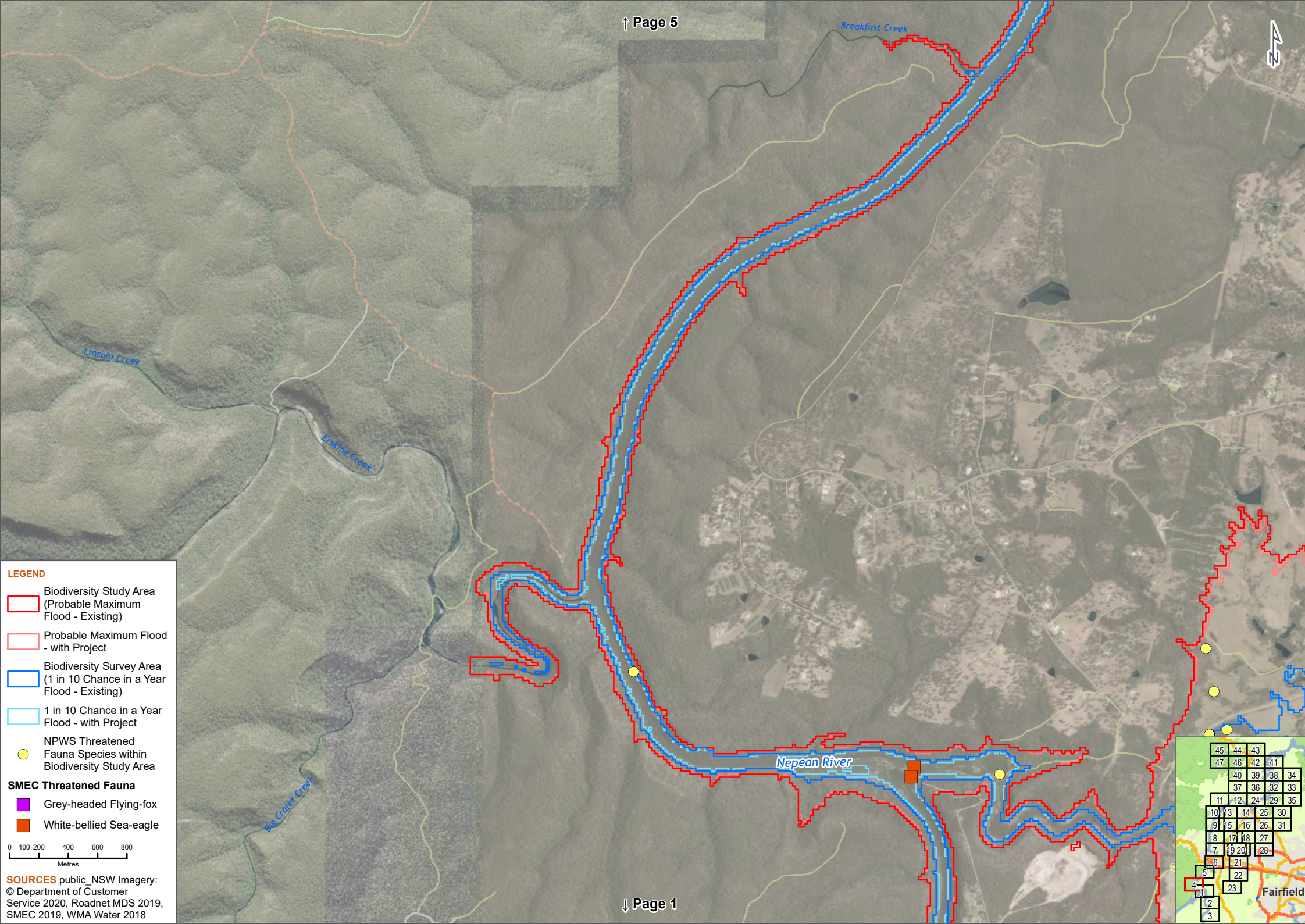


**SOURCES** public\_NSW Imagery:  
© Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018



Fairfield





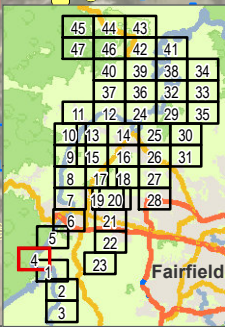
**LEGEND**

- 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 Fauna Species within Biodiversity Study Area

**SMEC Threatened Fauna**

- Grey-headed Flying-fox
- White-bellied Sea-eagle

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





Lapstone

27

Camp Fire Creek

Glenbrook Creek

Mulgoa Creek

Napean River

Glenmore Park

The Lakes Drive

Morrison Street

Glenmore Parkway

Mulgoa Road

Mulgoa Creek

Breakfast Creek

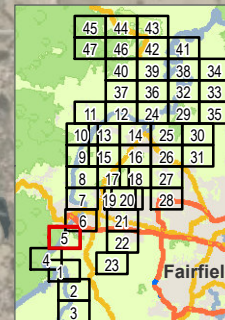
Fairfield

**LEGEND**

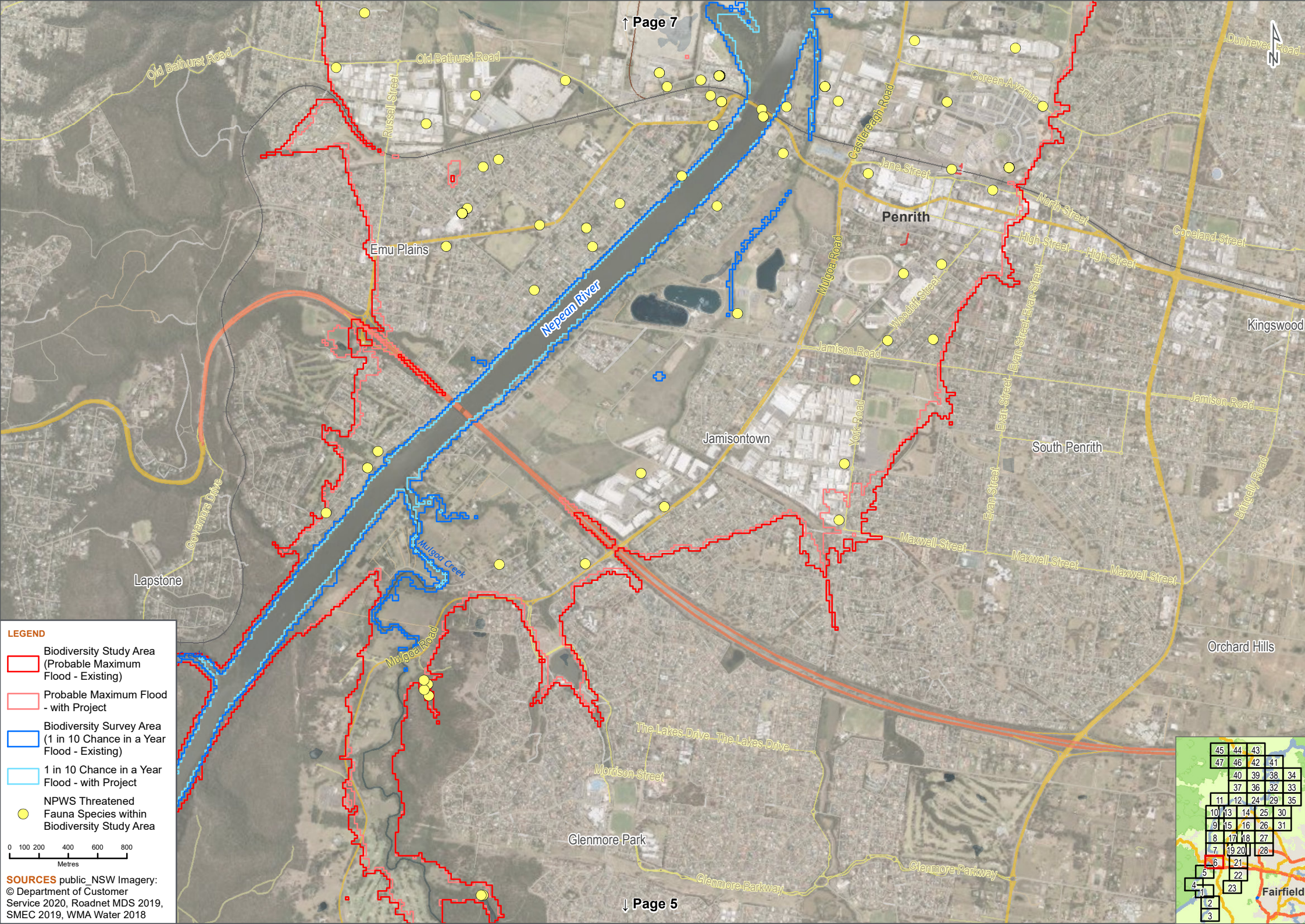
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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





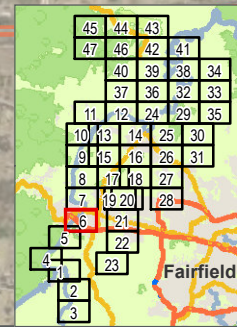


**LEGEND**

- 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 Fauna 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







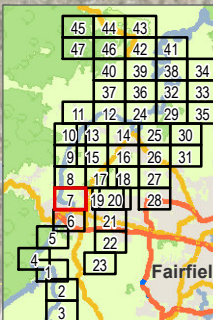
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- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

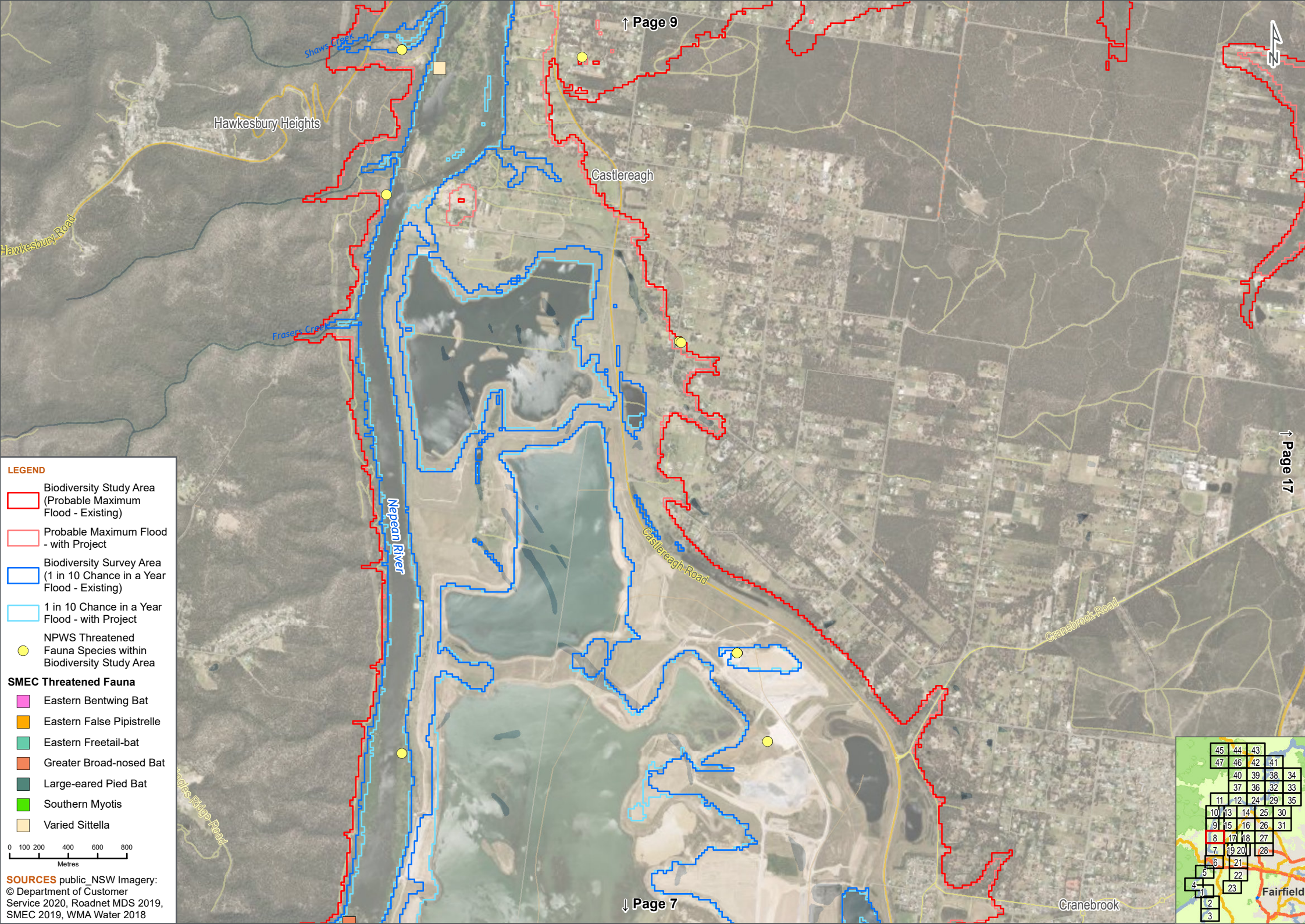
**SMEC Threatened Fauna**

- Eastern Bentwing Bat
- Eastern False Pipistrelle
- Eastern Freetail-bat
- Greater Broad-nosed Bat
- Large-eared Pied Bat
- Southern Myotis

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







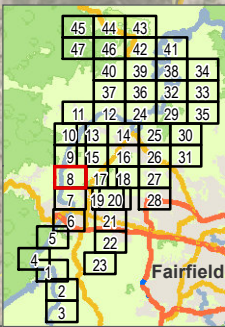
**LEGEND**

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- 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 Fauna Species within Biodiversity Study Area

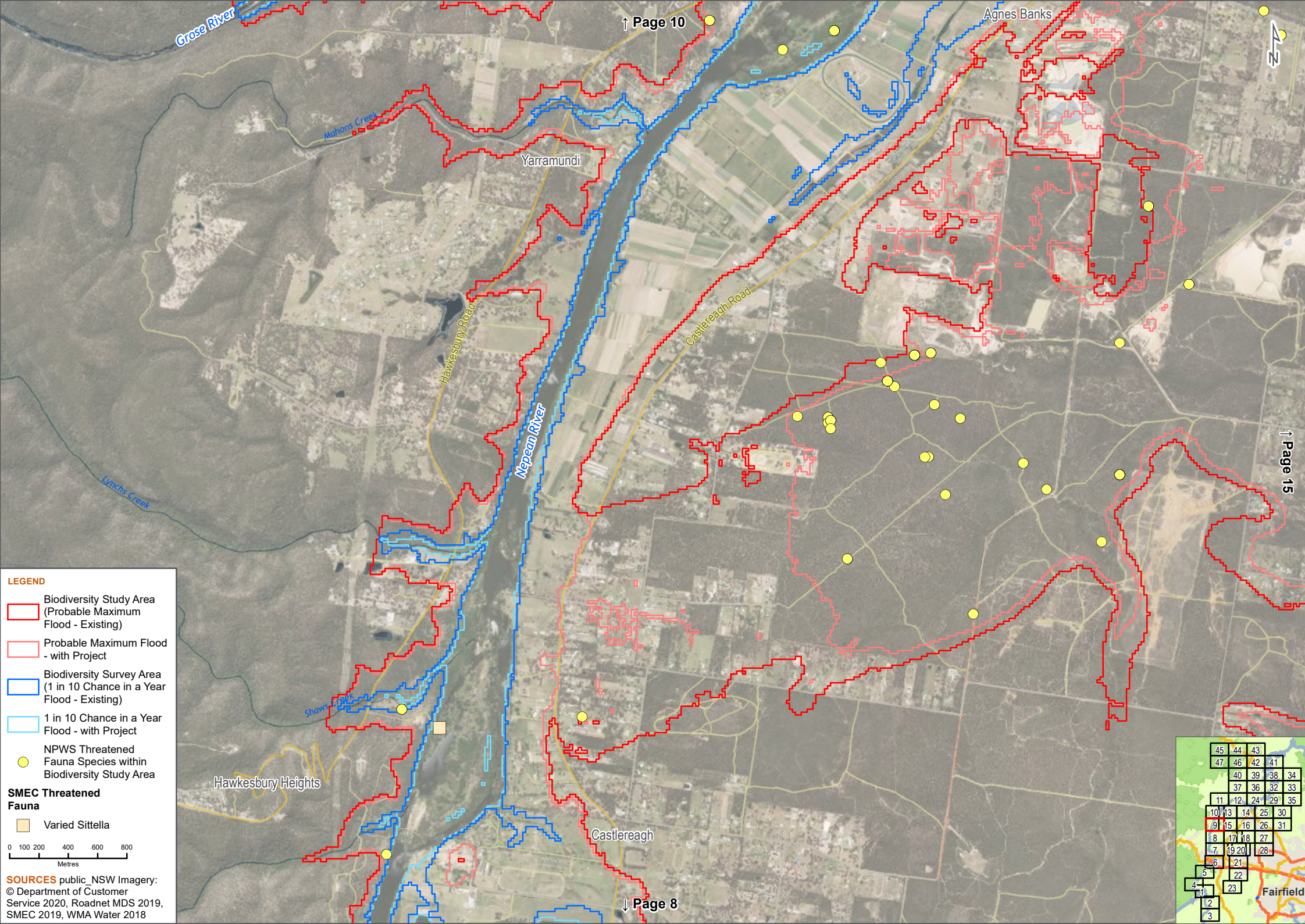
**SMEC Threatened Fauna**

- Eastern Bentwing Bat
- Eastern False Pipistrelle
- Eastern Freetail-bat
- Greater Broad-nosed Bat
- Large-eared Pied Bat
- Southern Myotis
- Varied Sittella

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





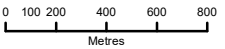


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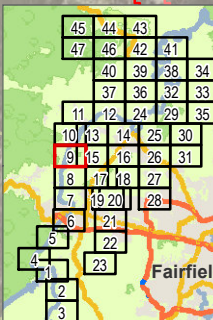
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- Probable Maximum Flood - with Project
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- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

**SMEC Threatened Fauna**

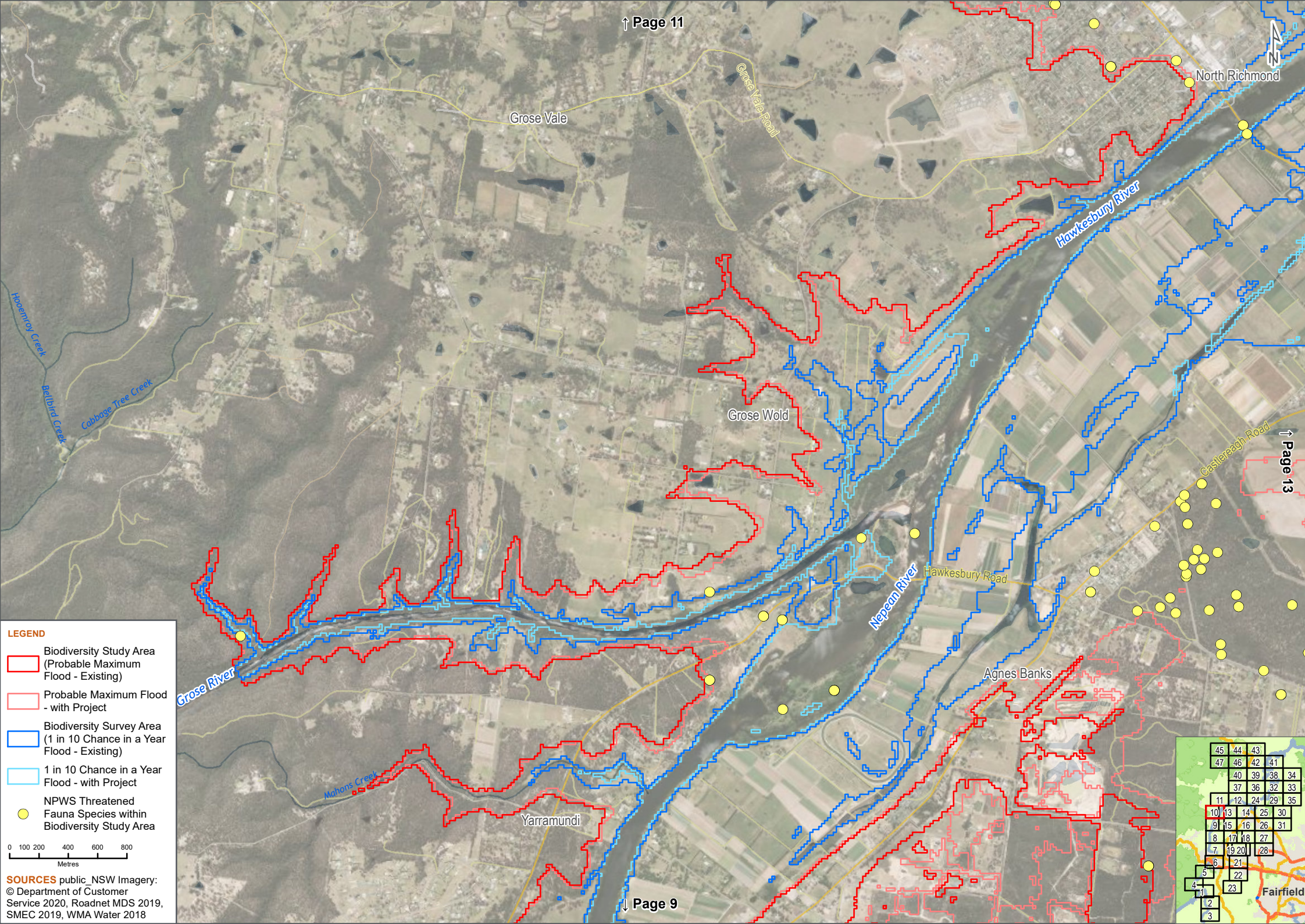
- Varied Sittella



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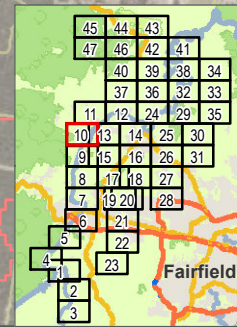


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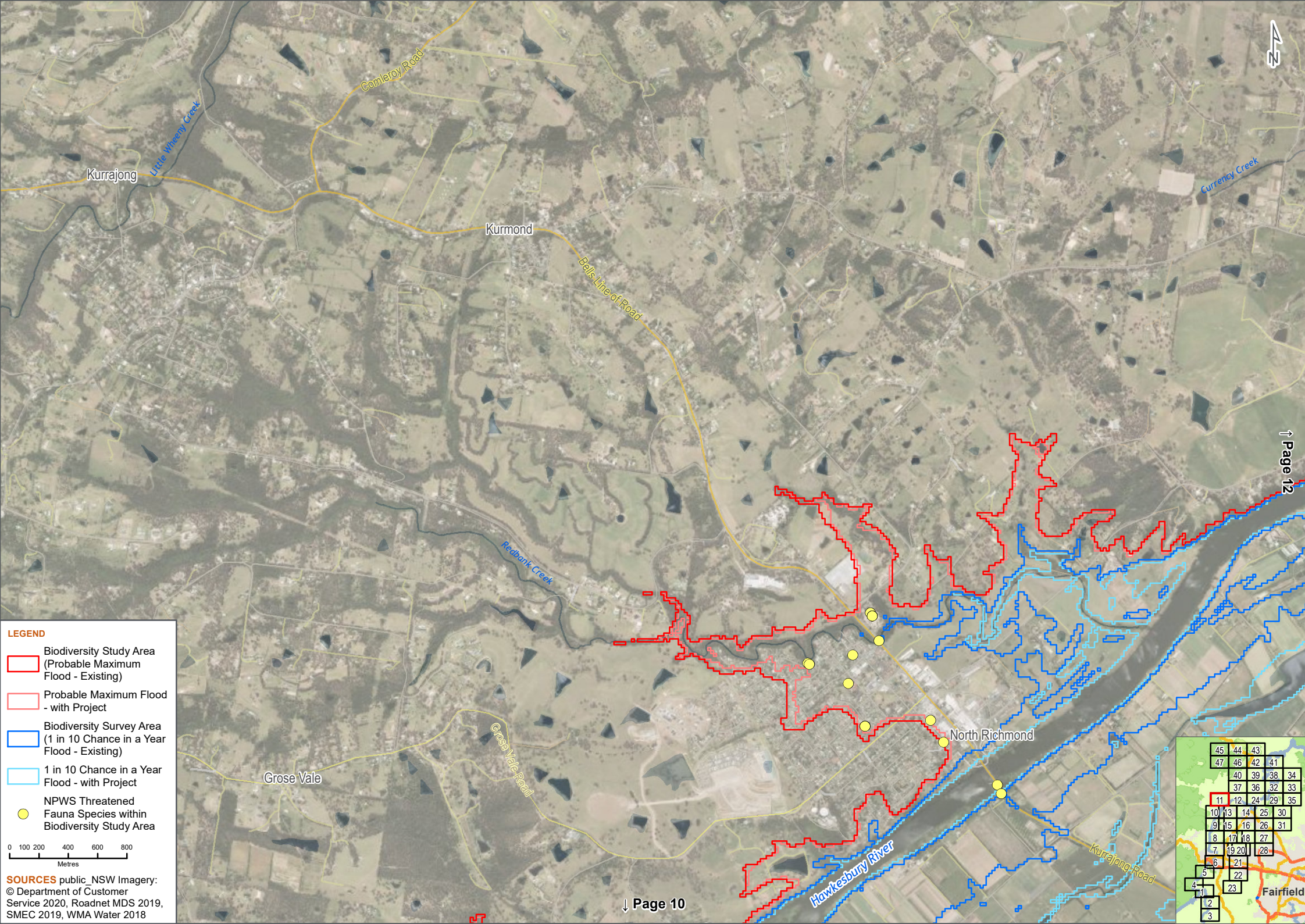
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- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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





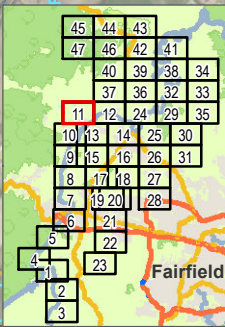


**LEGEND**

- 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 Fauna 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





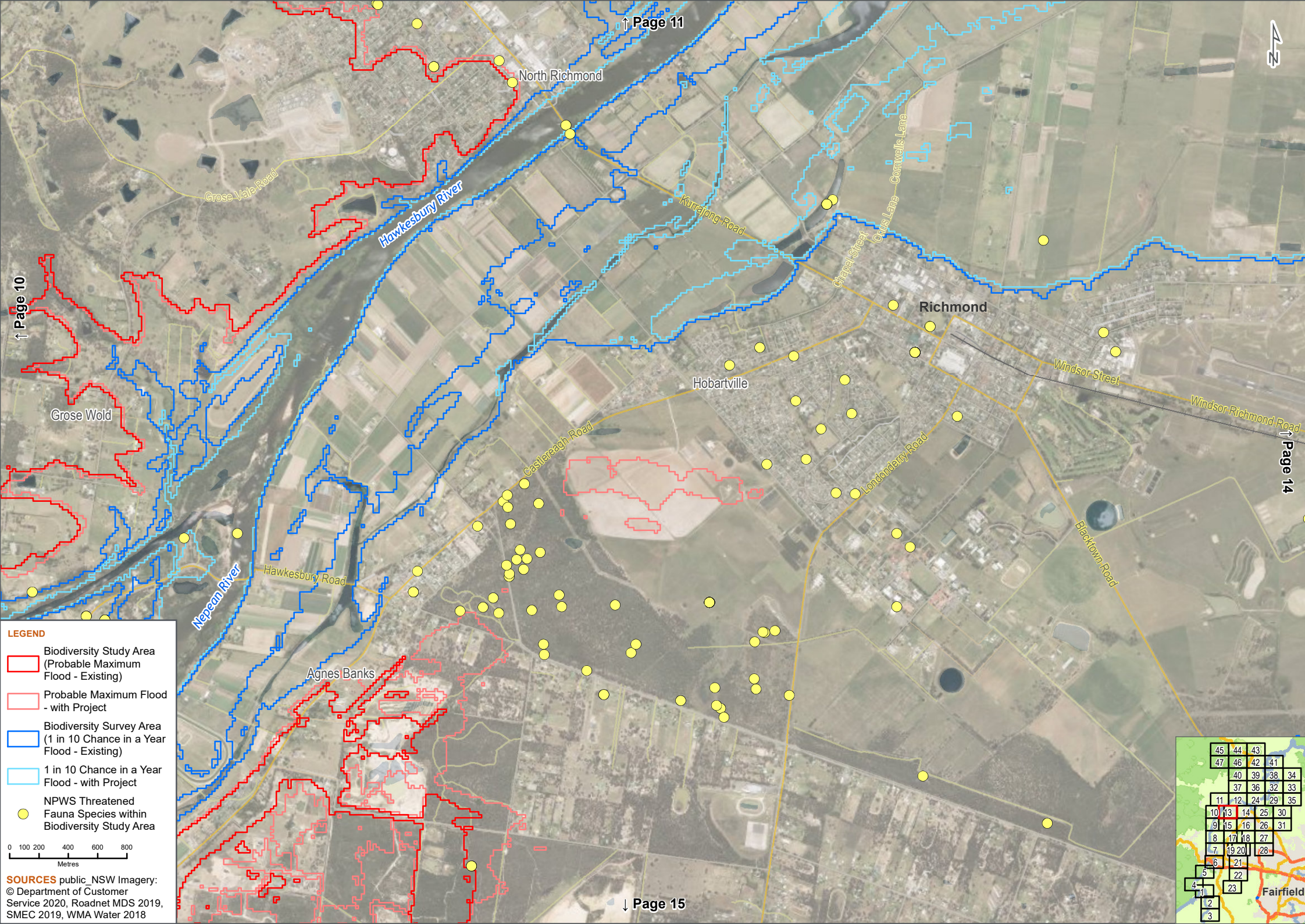
Freemans Reach

Currency Creek

Hawkesbury River

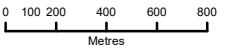
Richmond Lowlands



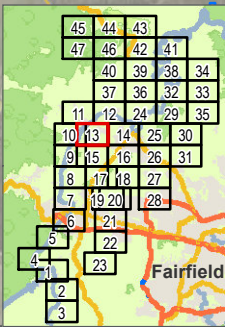


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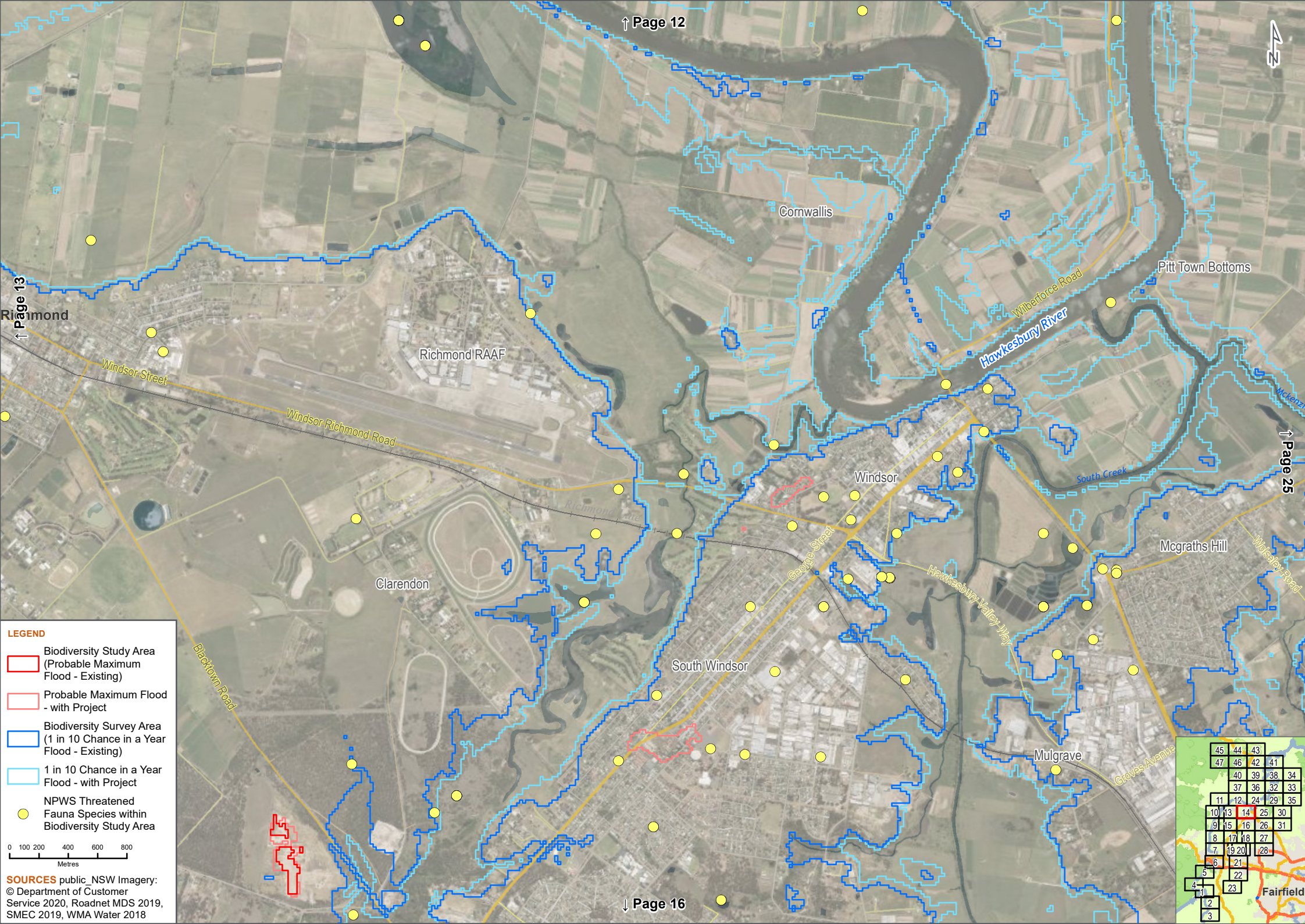
- Biodiversity Study Area  
(Probable Maximum  
Flood - Existing)
- Probable Maximum Flood  
- with Project
- Biodiversity Survey Area  
(1 in 10 Chance in a Year  
Flood - Existing)
- 1 in 10 Chance in a Year  
Flood - with Project
- NPWS Threatened  
Fauna Species within  
Biodiversity Study Area



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SMEC 2019, WMA Water 2018







**LEGEND**

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

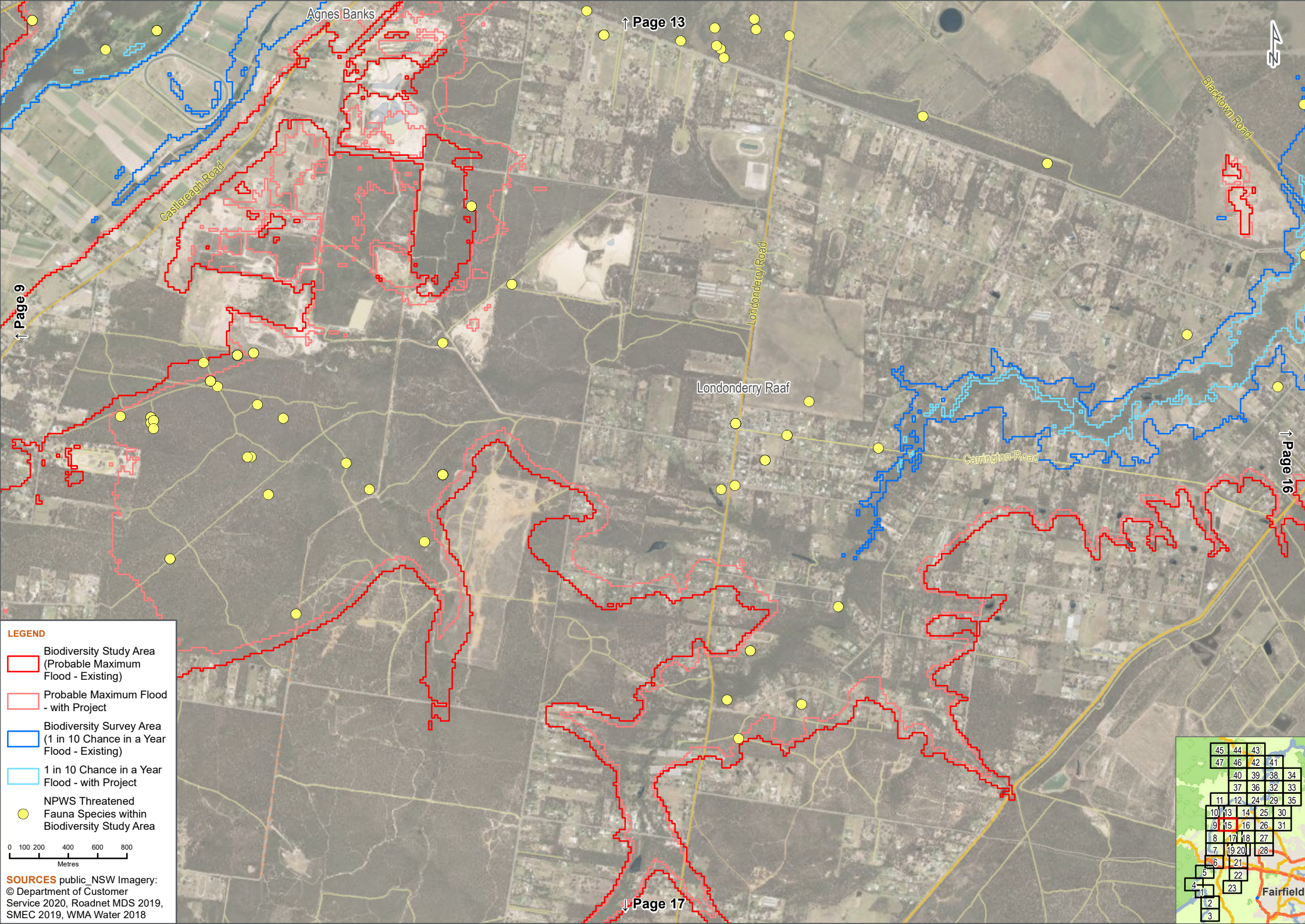
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**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

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	37	36	32	33
11	12	24	29	35
10	13	14	25	30
19	15	16	26	31
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7	19	20	28	
6		21		
5		22		
4		23		
1				
2				
3				

Fairfield



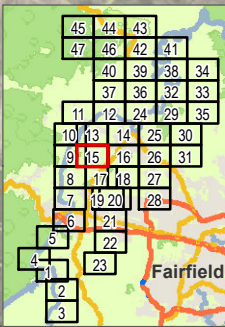


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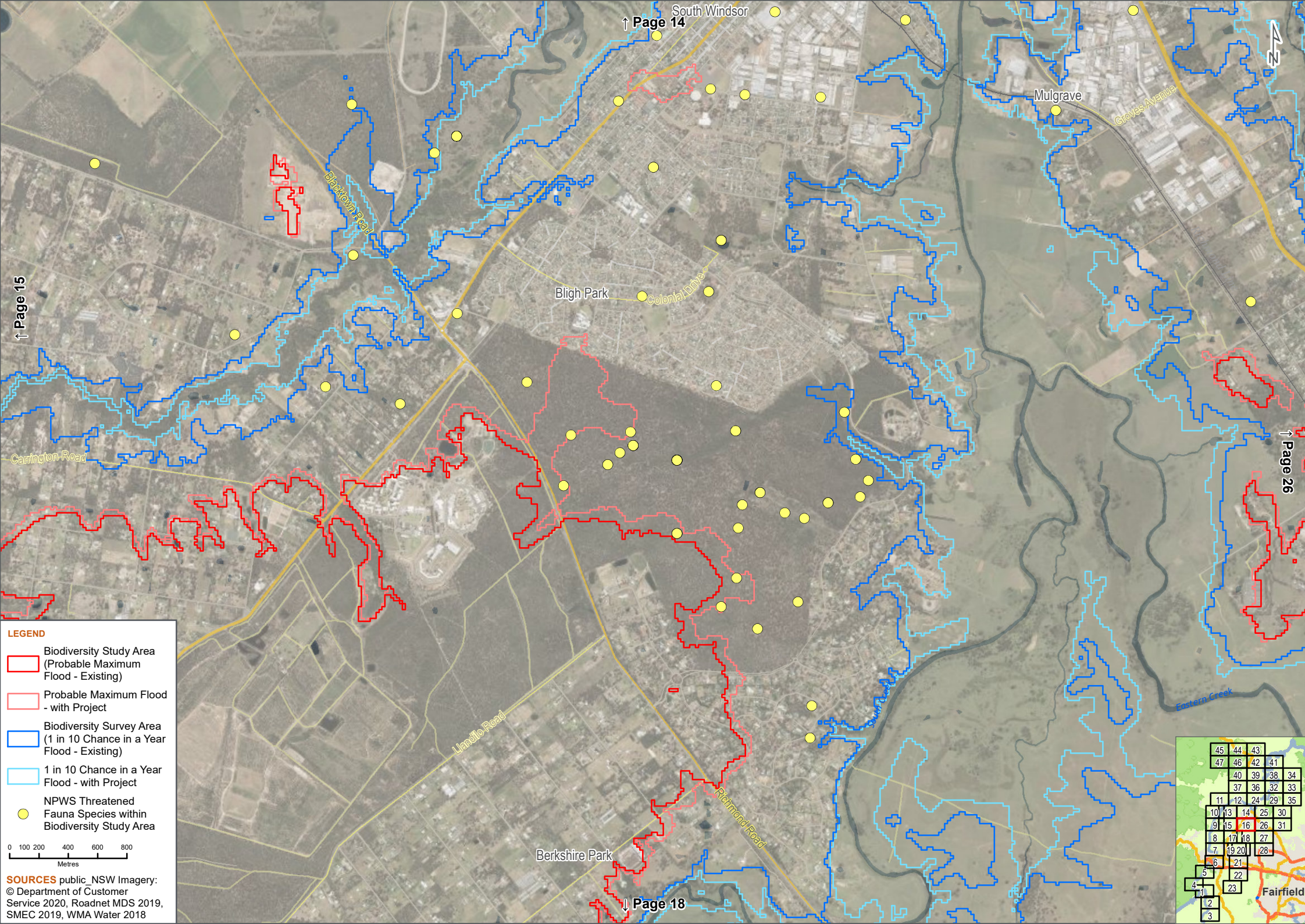
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- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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





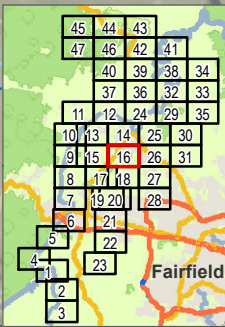


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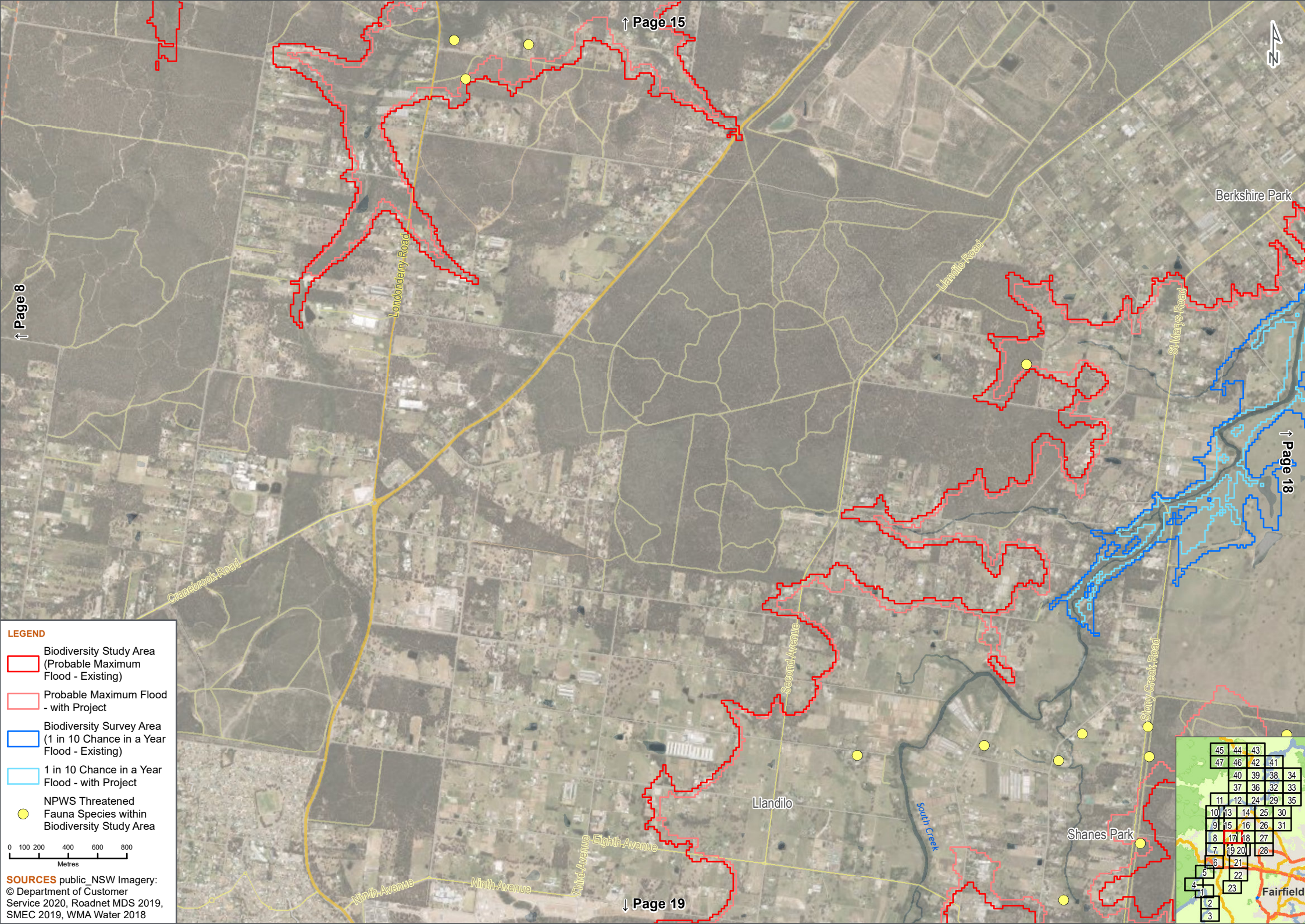
- Biodiversity Study Area  
(Probable Maximum  
Flood - Existing)
- Probable Maximum Flood  
- with Project
- Biodiversity Survey Area  
(1 in 10 Chance in a Year  
Flood - Existing)
- 1 in 10 Chance in a Year  
Flood - with Project
- NPWS Threatened  
Fauna Species within  
Biodiversity Study Area

0 100 200 400 600 800  
Metres

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





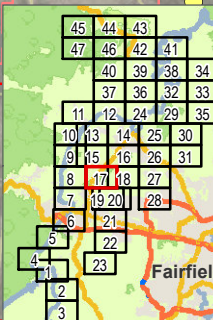


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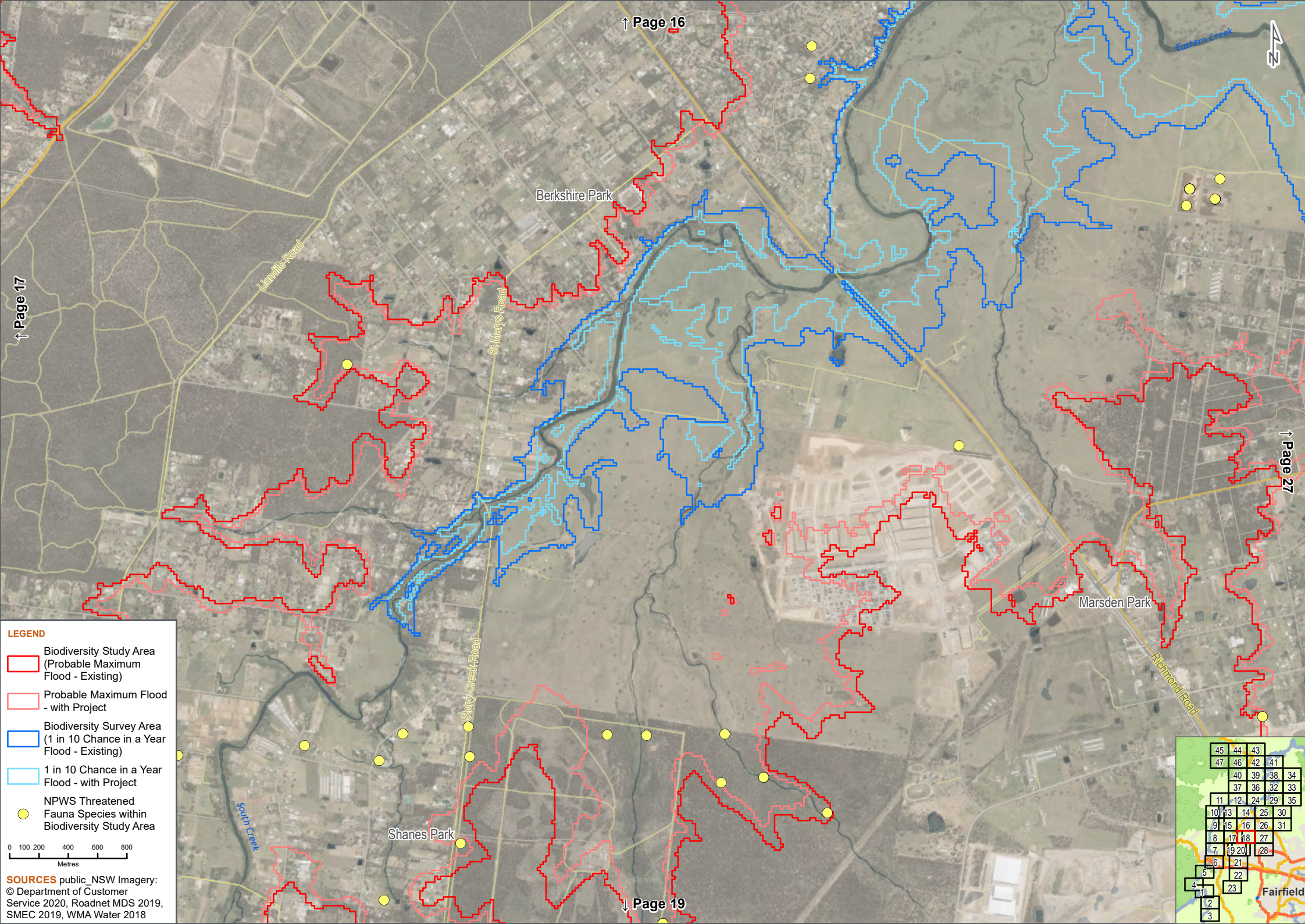
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- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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







**LEGEND**

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- Probable Maximum Flood - with Project
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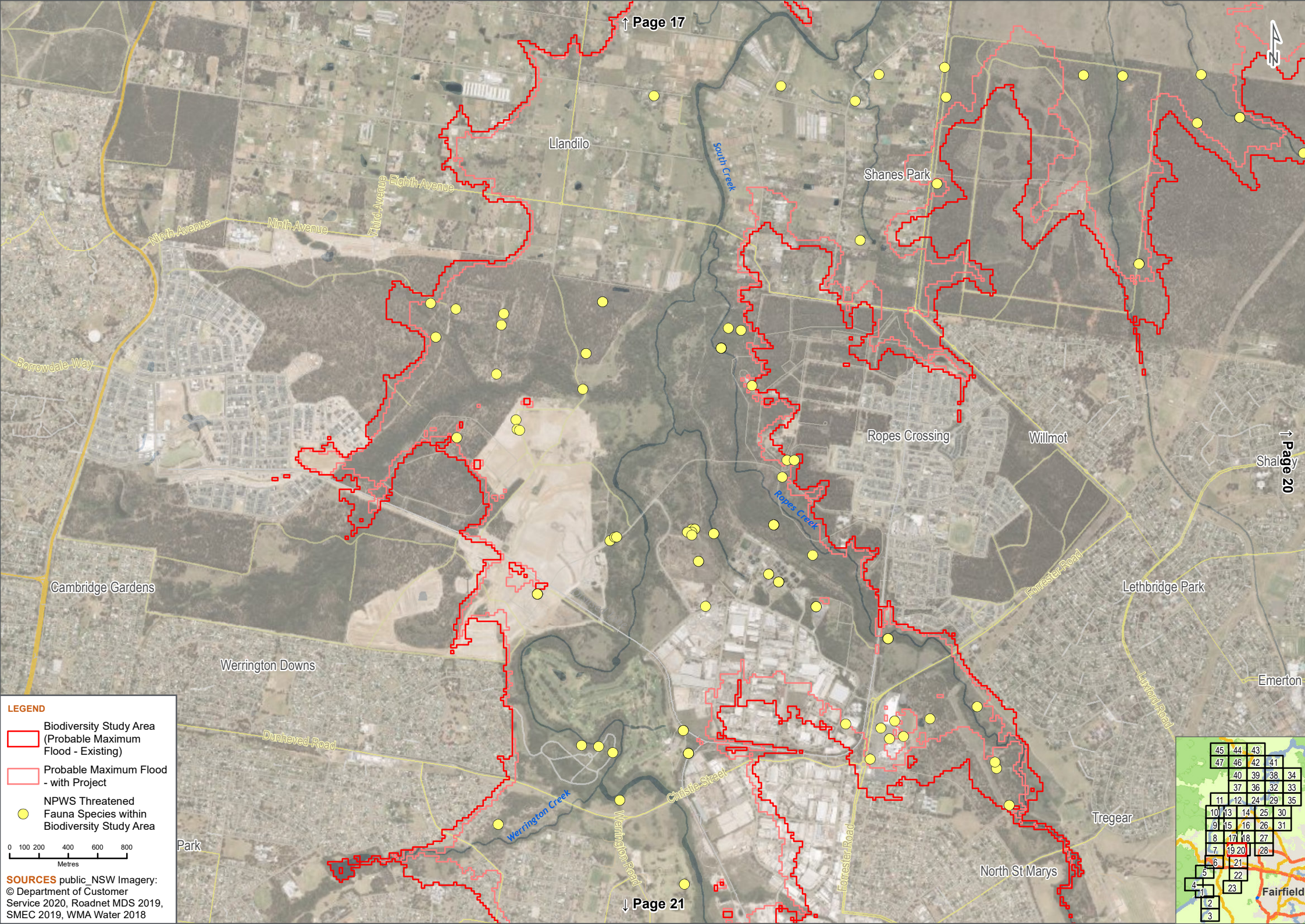
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Metres

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

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1				
2				
3				

Fairfield



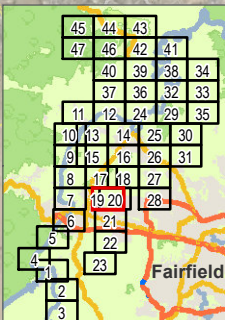


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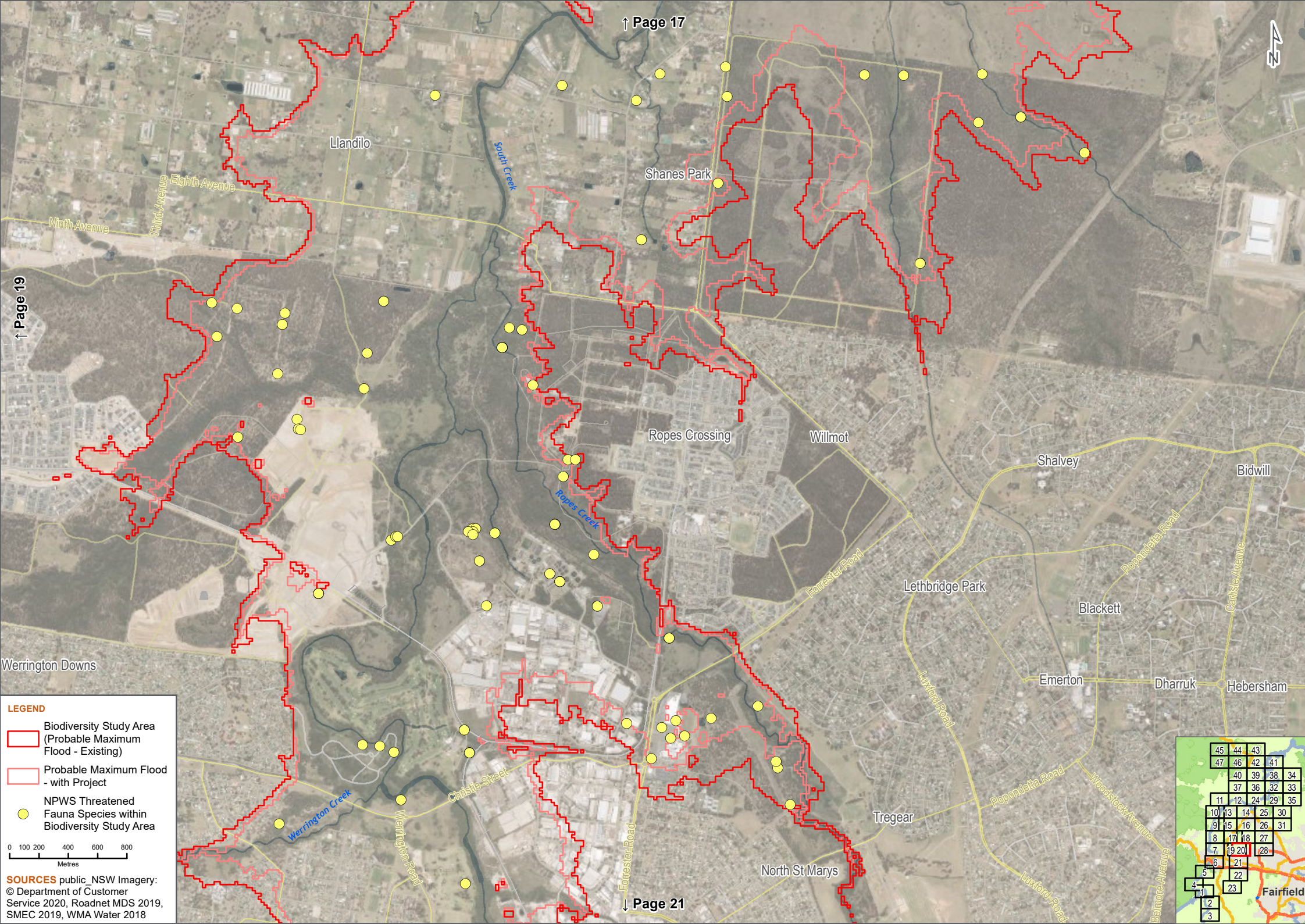
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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





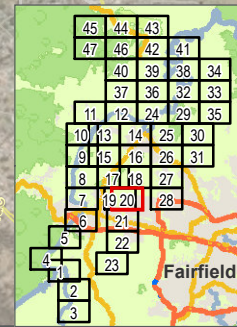


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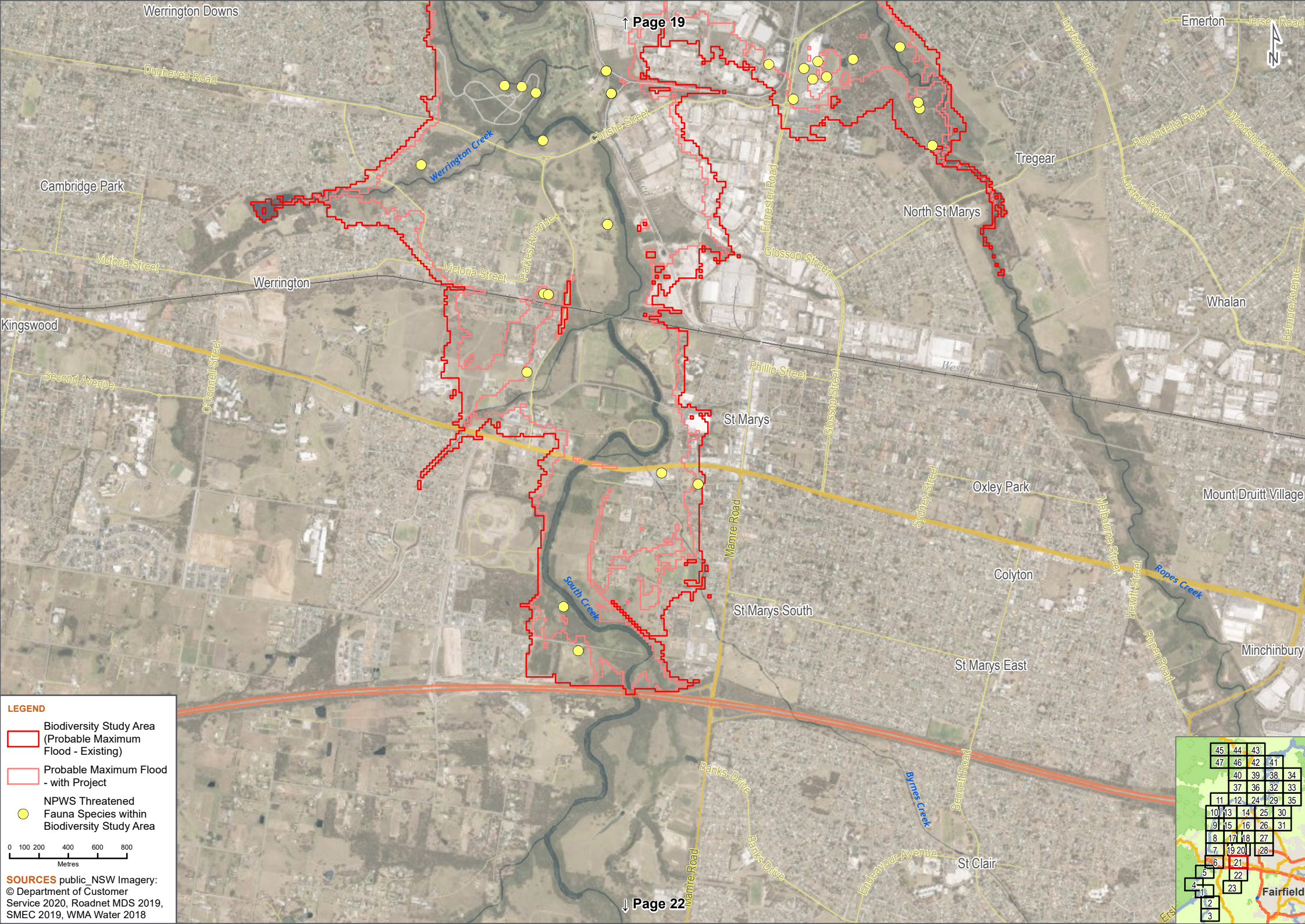
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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





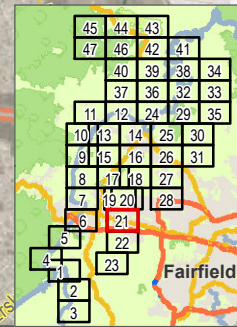


**LEGEND**

- Biodiversity Study Area  
(Probable Maximum Flood - Existing)
- Probable Maximum Flood  
- with Project
- NPWS Threatened  
Fauna 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





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

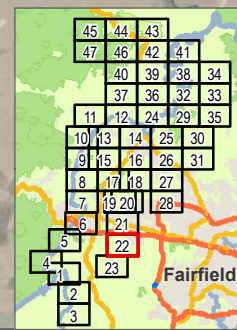
South Creek

LEGEND

- Biodiversity Study Area  
(Probable Maximum  
Flood - Existing)
- Probable Maximum Flood  
- with Project

0 100 200 400 600 800  
Metres

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



Fairfield





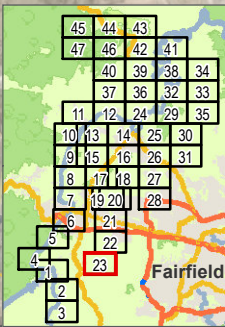
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Biodiversity Study Area  
(Probable Maximum Flood - Existing)

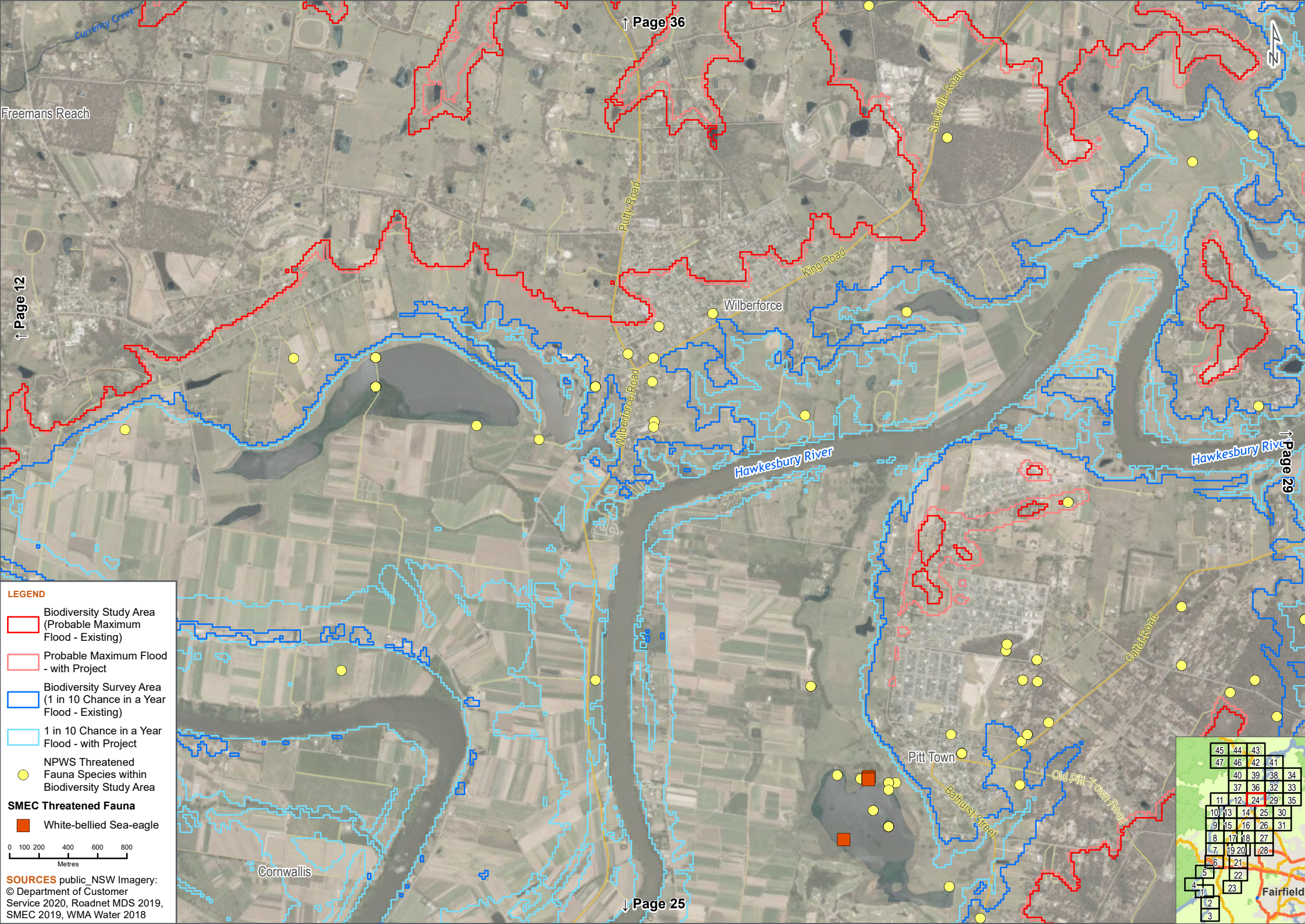
Probable Maximum Flood  
- with Project

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 Fauna Species within Biodiversity Study Area

**SMEC Threatened Fauna**

- White-bellied Sea-eagle

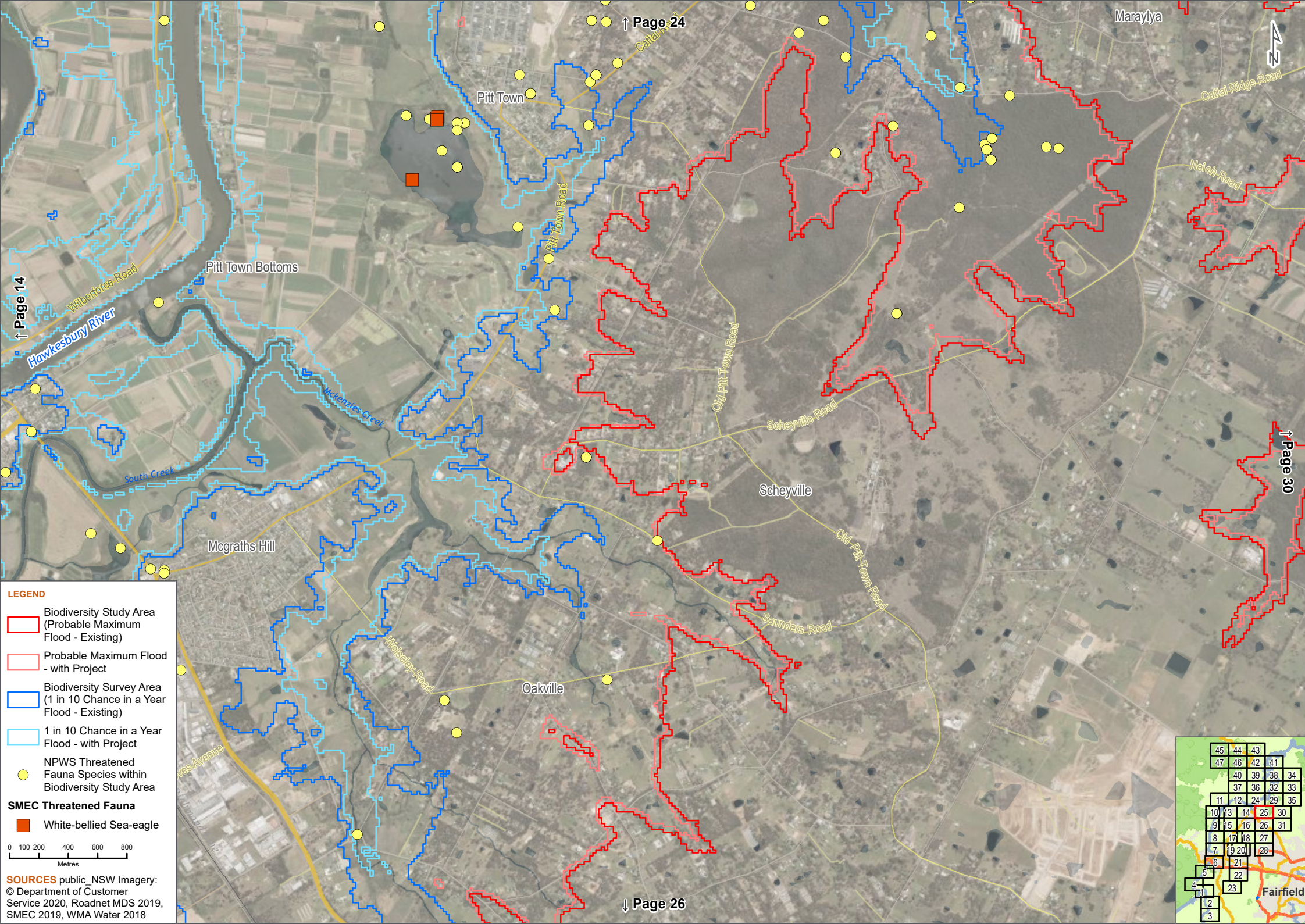
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Metres

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

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5		22		
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3				

Fairfield





Pitt Town Bottoms

Wilberforce Road  
Hawkesbury River

Pitt Town Road

Old Pitt Town Road

Scheyville Road

Scheyville

Old Pitt Town Road

Saunders Road

McGraths Hill

Oakville

**LEGEND**

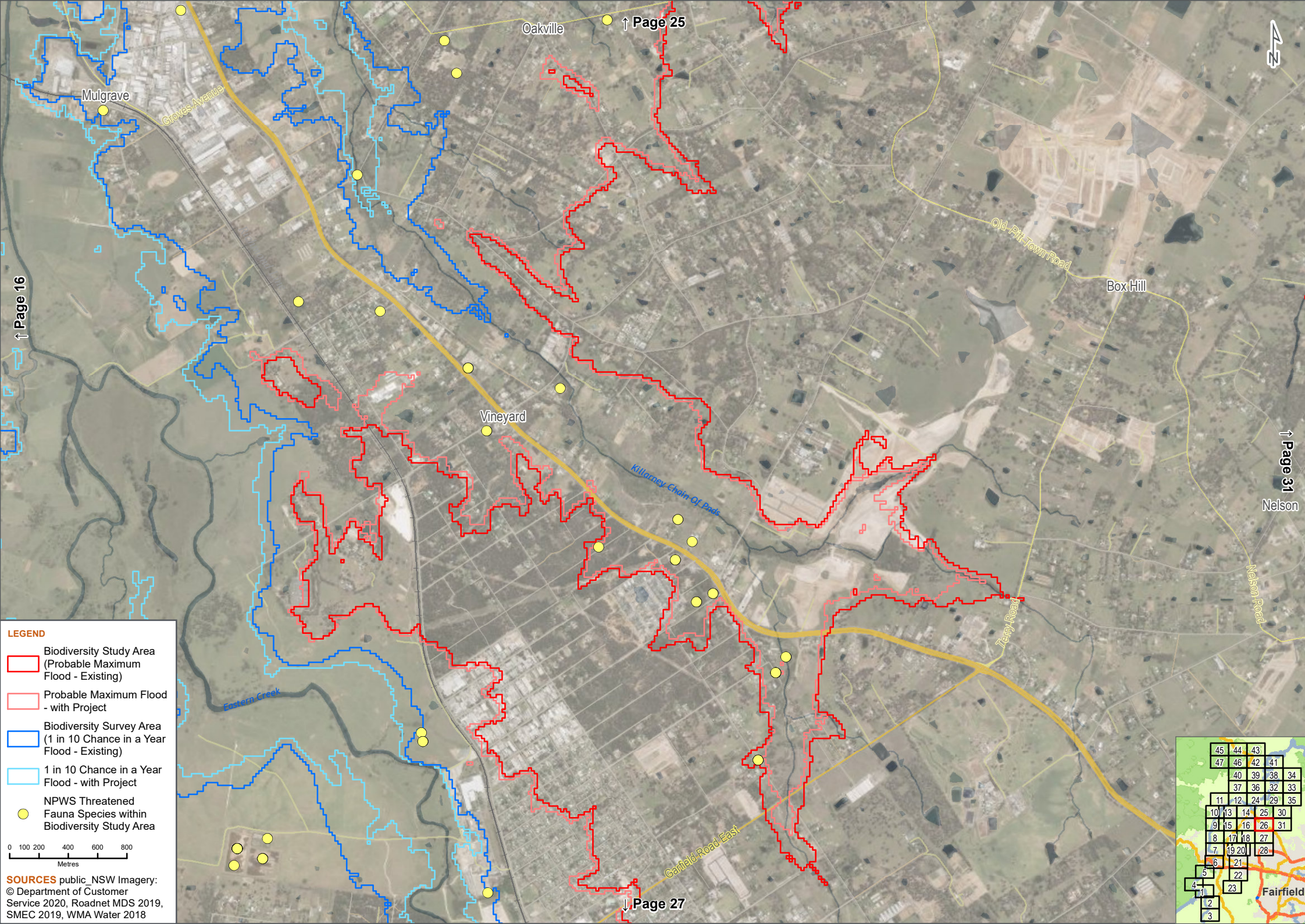
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area
- SMEC Threatened Fauna**
  - White-bellied Sea-eagle

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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↑ Page 16

↑ Page 25

↑ Page 31  
Nelson

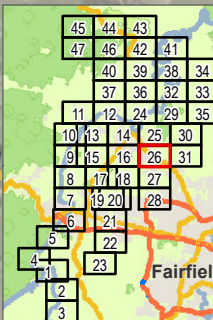
↓ Page 27

**LEGEND**

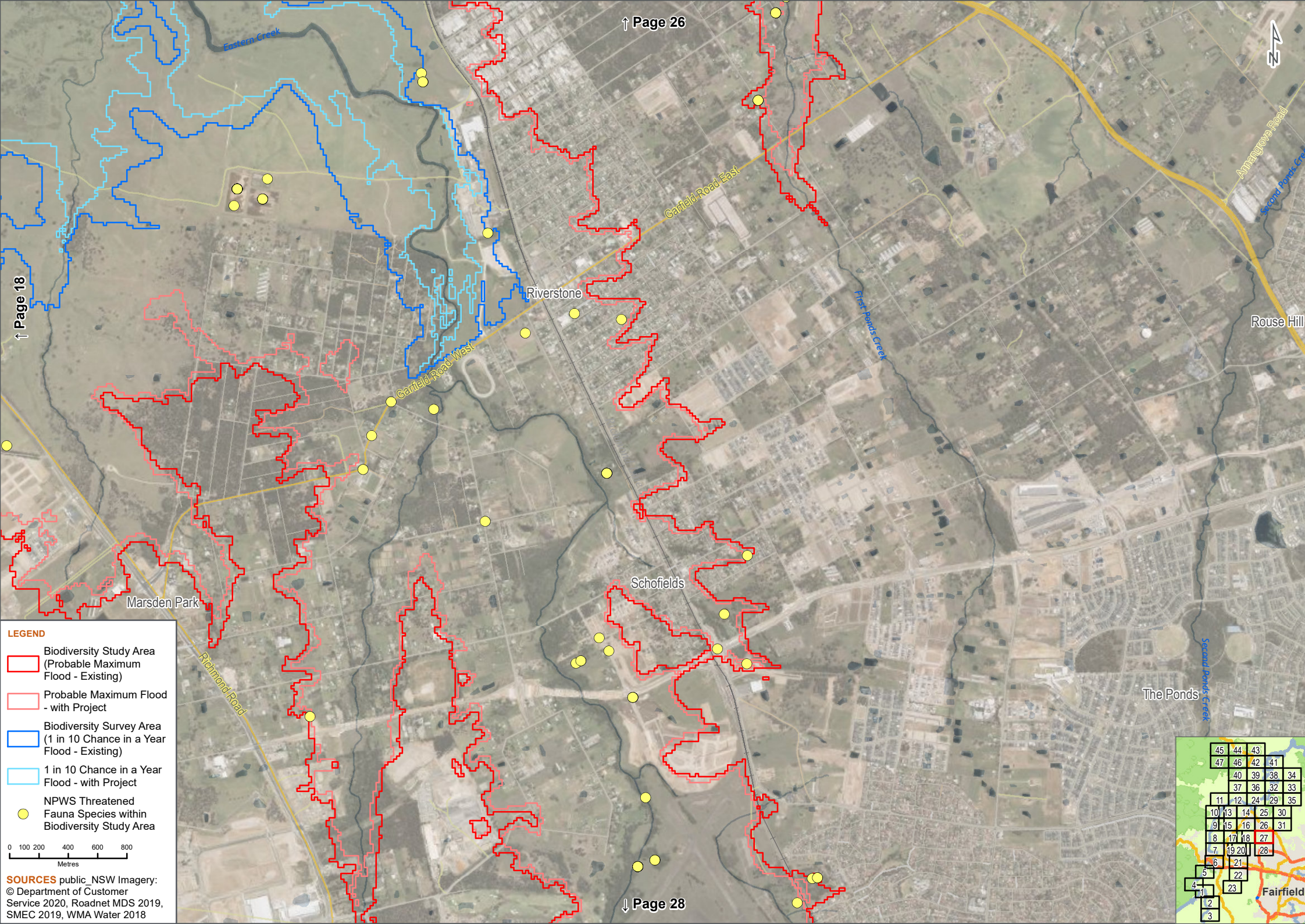
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(Probable Maximum  
Flood - Existing)
- Probable Maximum Flood  
- with Project
- Biodiversity Survey Area  
(1 in 10 Chance in a Year  
Flood - Existing)
- 1 in 10 Chance in a Year  
Flood - with Project
- NPWS Threatened  
Fauna Species within  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





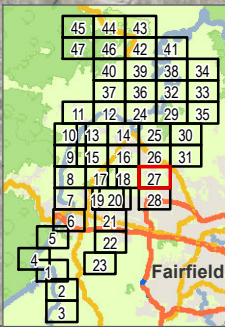


**LEGEND**

- 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 Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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The Ponds



Quakers Hill

Colebee

Dean Park

Glendenning

Hassall Grove

Bidwill

Acacia Gardens

Hebersham

Oakhurst

Marayong

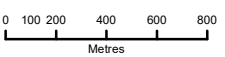
Kings Park

Woodcroft

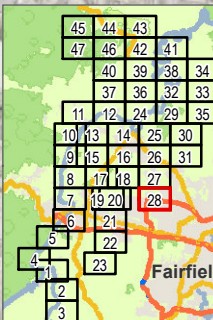
Fairfield

**LEGEND**

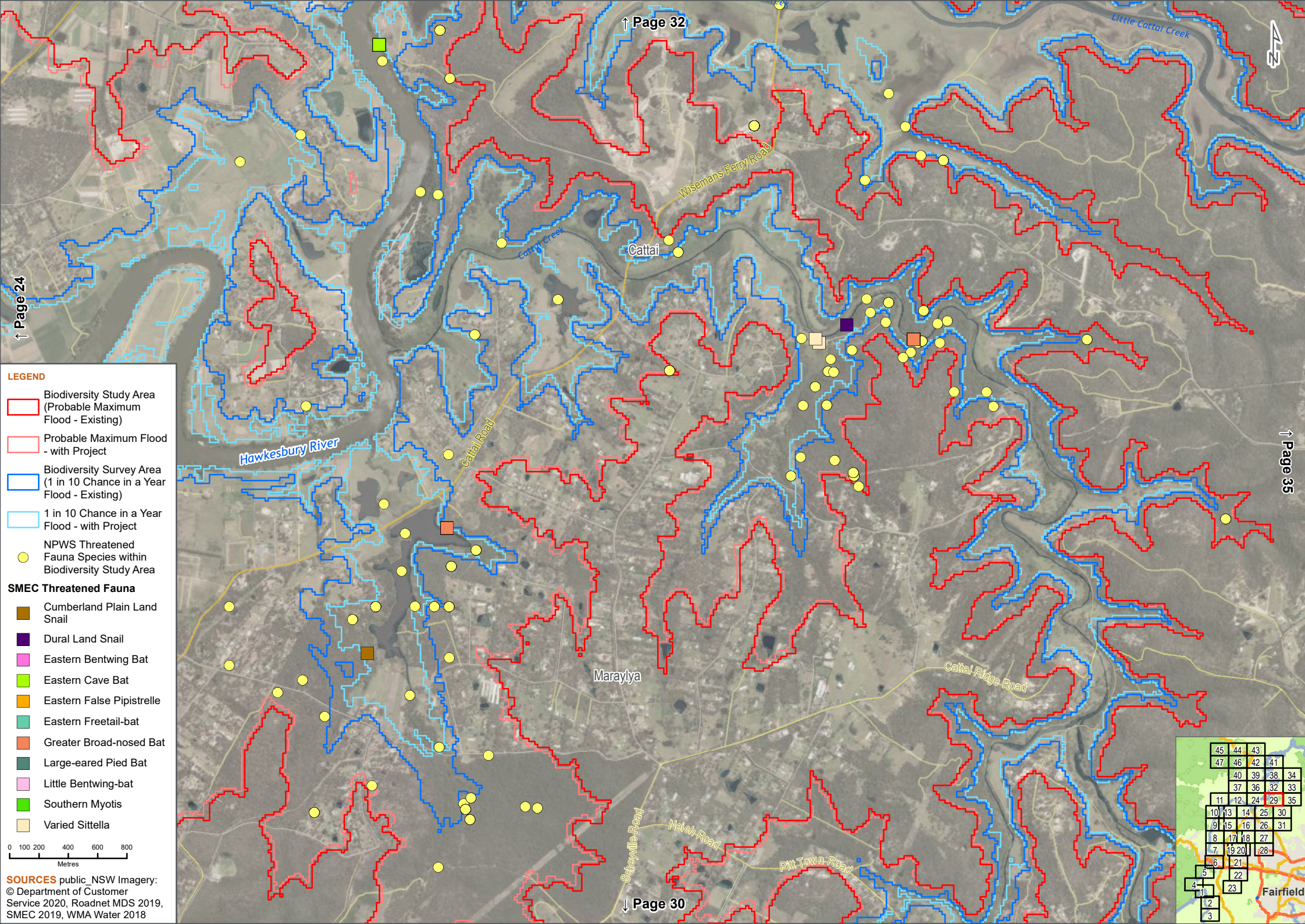
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area



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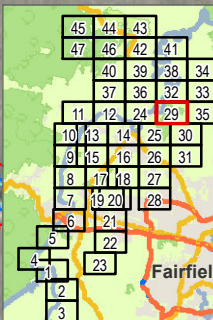
**LEGEND**

- 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 Fauna Species within Biodiversity Study Area

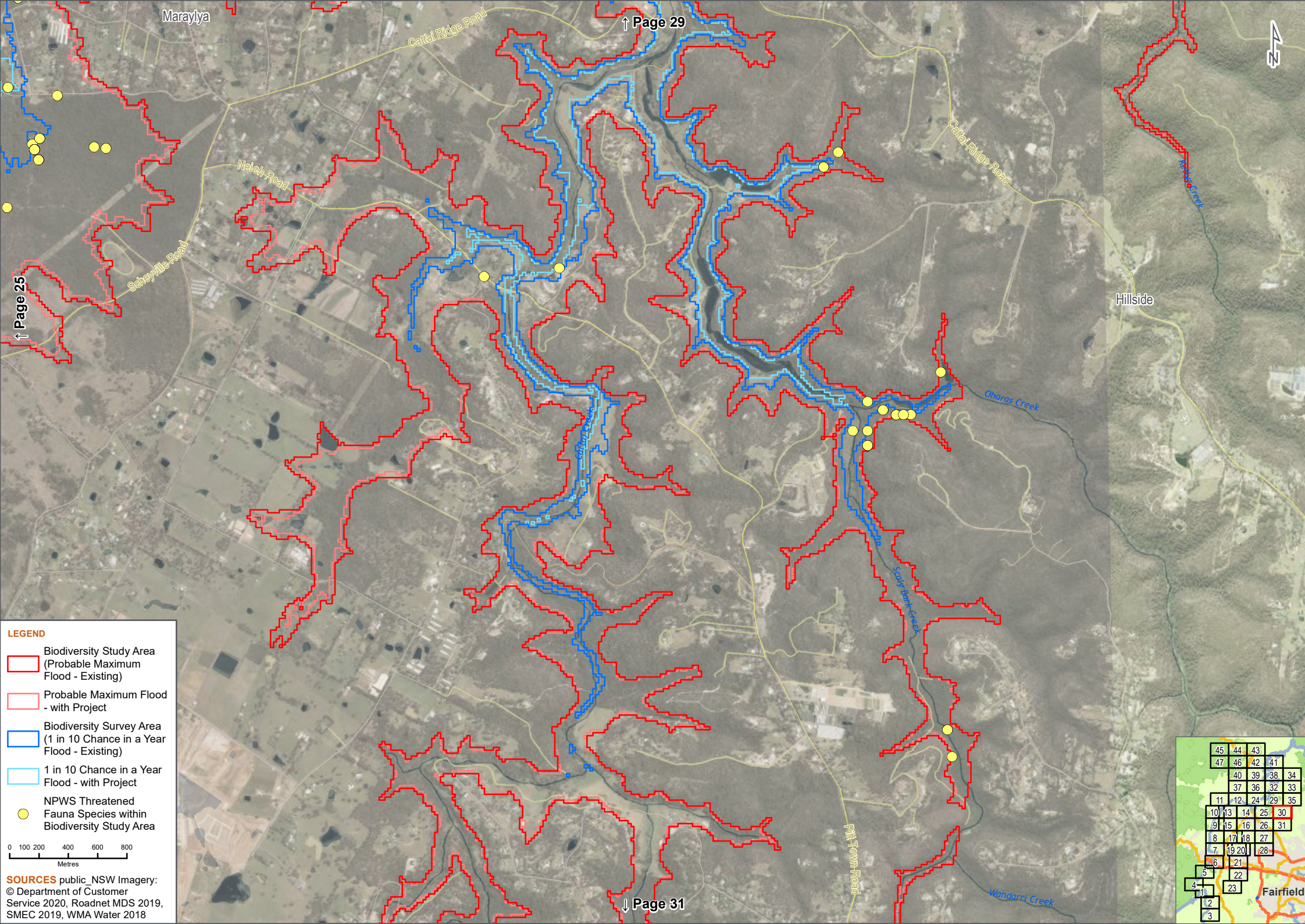
**SMEC Threatened Fauna**

- Cumberland Plain Land Snail
- Dural Land Snail
- Eastern Bentwing Bat
- Eastern Cave Bat
- Eastern False Pipistrelle
- Eastern Freetail-bat
- Greater Broad-nosed Bat
- Large-eared Pied Bat
- Little Bentwing-bat
- Southern Myotis
- Varied Sittella

**SOURCES** public\_NSW Imagery:  
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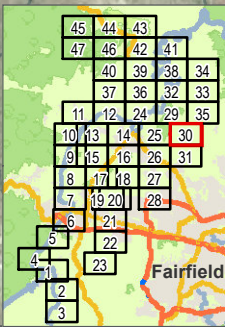


**LEGEND**

- 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 Fauna 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





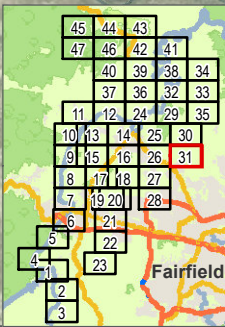


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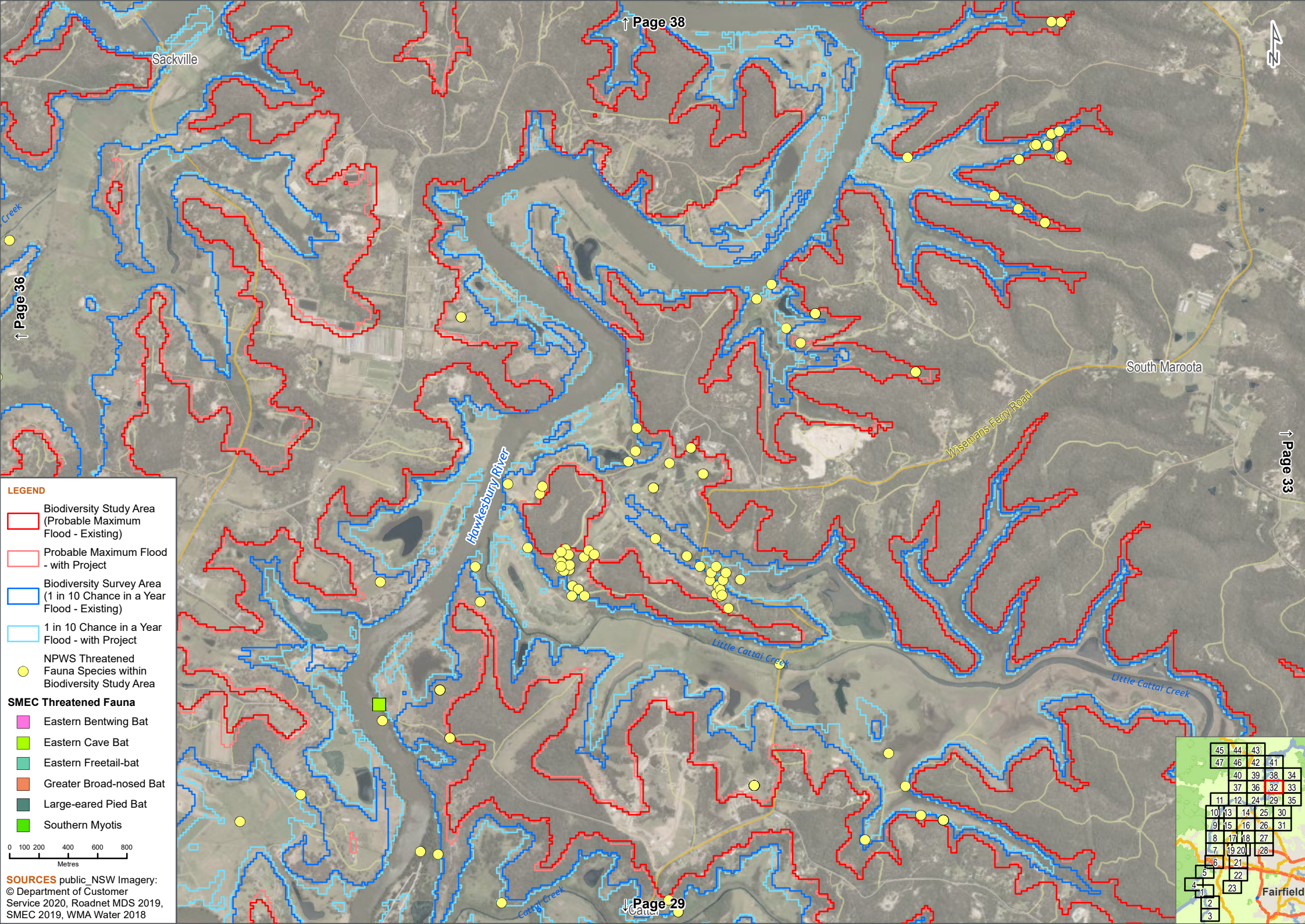
-  Biodiversity Study Area (Probable Maximum Flood - Existing)
-  Probable Maximum Flood - with Project
-  Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
-  NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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

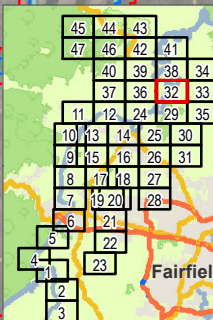
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

**SMEC Threatened Fauna**

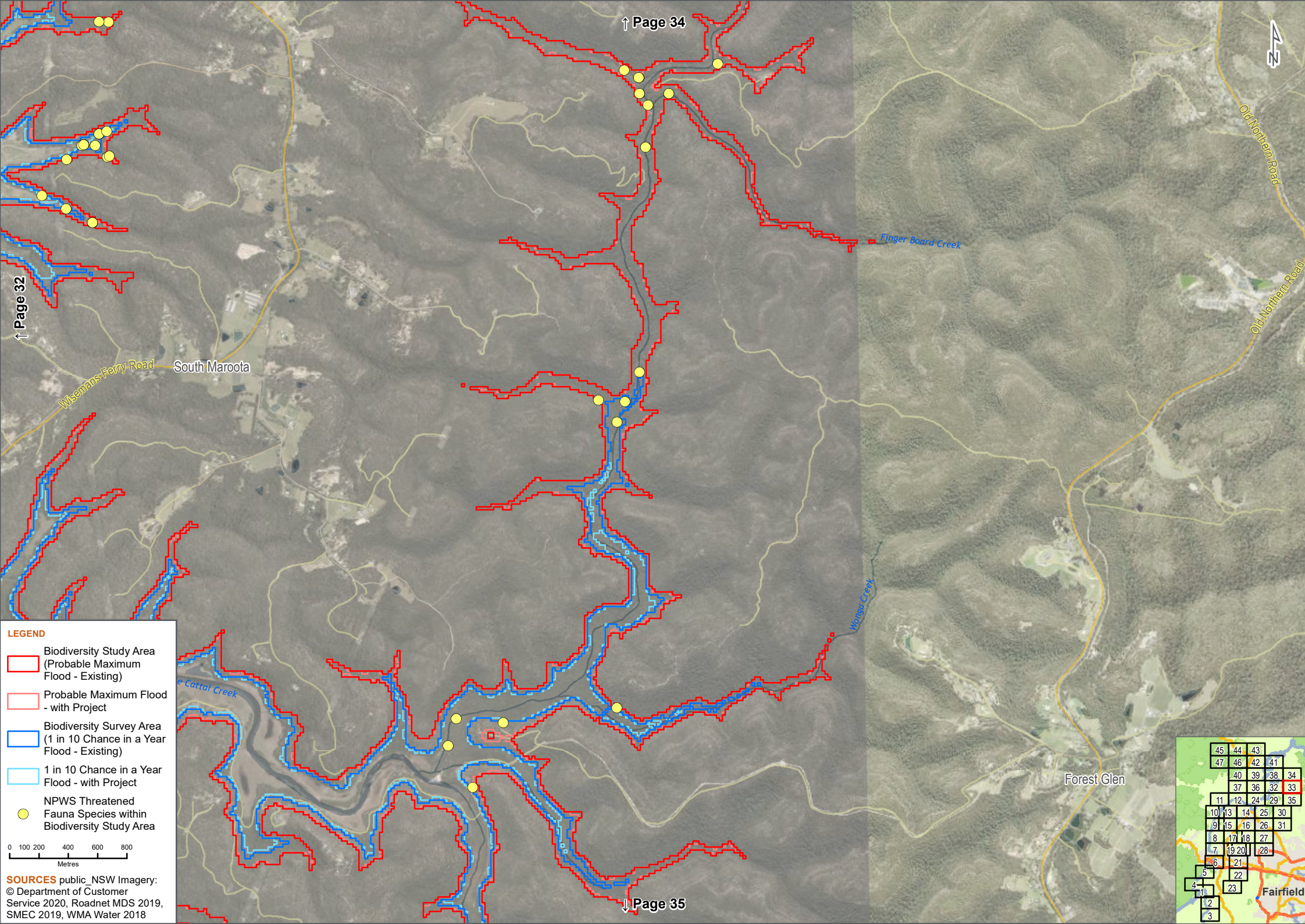
- Eastern Bentwing Bat
- Eastern Cave Bat
- Eastern Freetail-bat
- Greater Broad-nosed Bat
- Large-eared Pied Bat
- Southern Myotis

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 Fauna 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		
47	46	42	41	
	40	39	38	34
	37	36	32	33
11	12	24	29	35
10	13	14	25	30
19	15	16	26	31
8	17	18	27	
7	19	20	28	
6	21			
5	22			
4	23			
1				
2				
3				





↑ Page 38

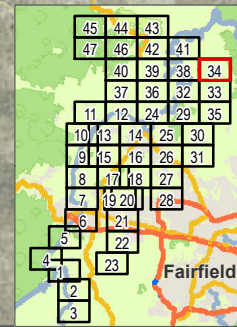
↓ Page 33

**LEGEND**

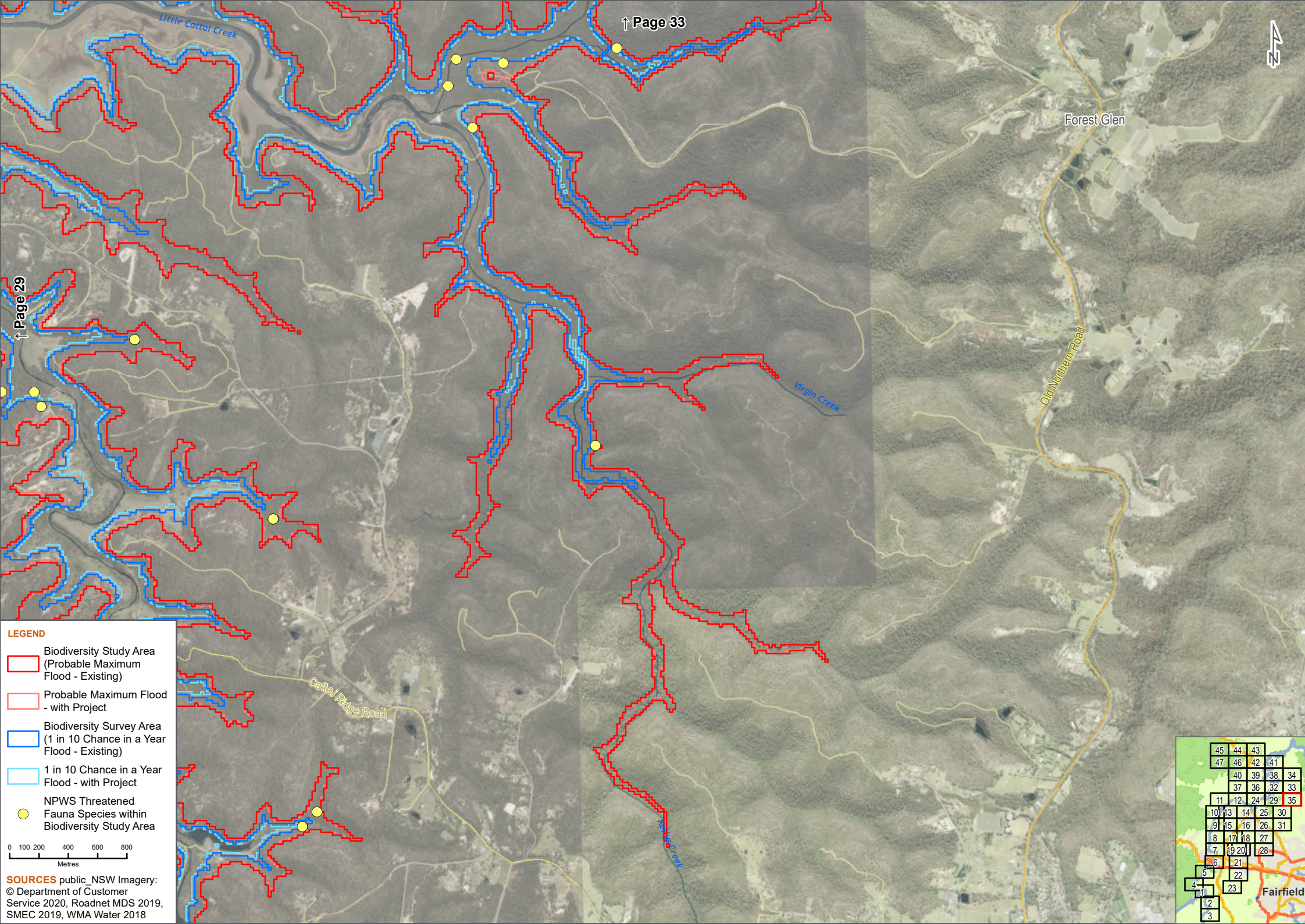
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

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







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 Fauna 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		
47	46	42	41	
	40	39	38	34
	37	36	32	33
11	12	24	29	35
10	13	14	25	30
19	15	16	26	31
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6	21			
5	22			
4	23			
1				
2				
3				

Fairfield

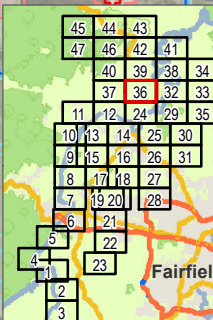


Sackville

Howes Creek

Puffy Road

Sackville Road



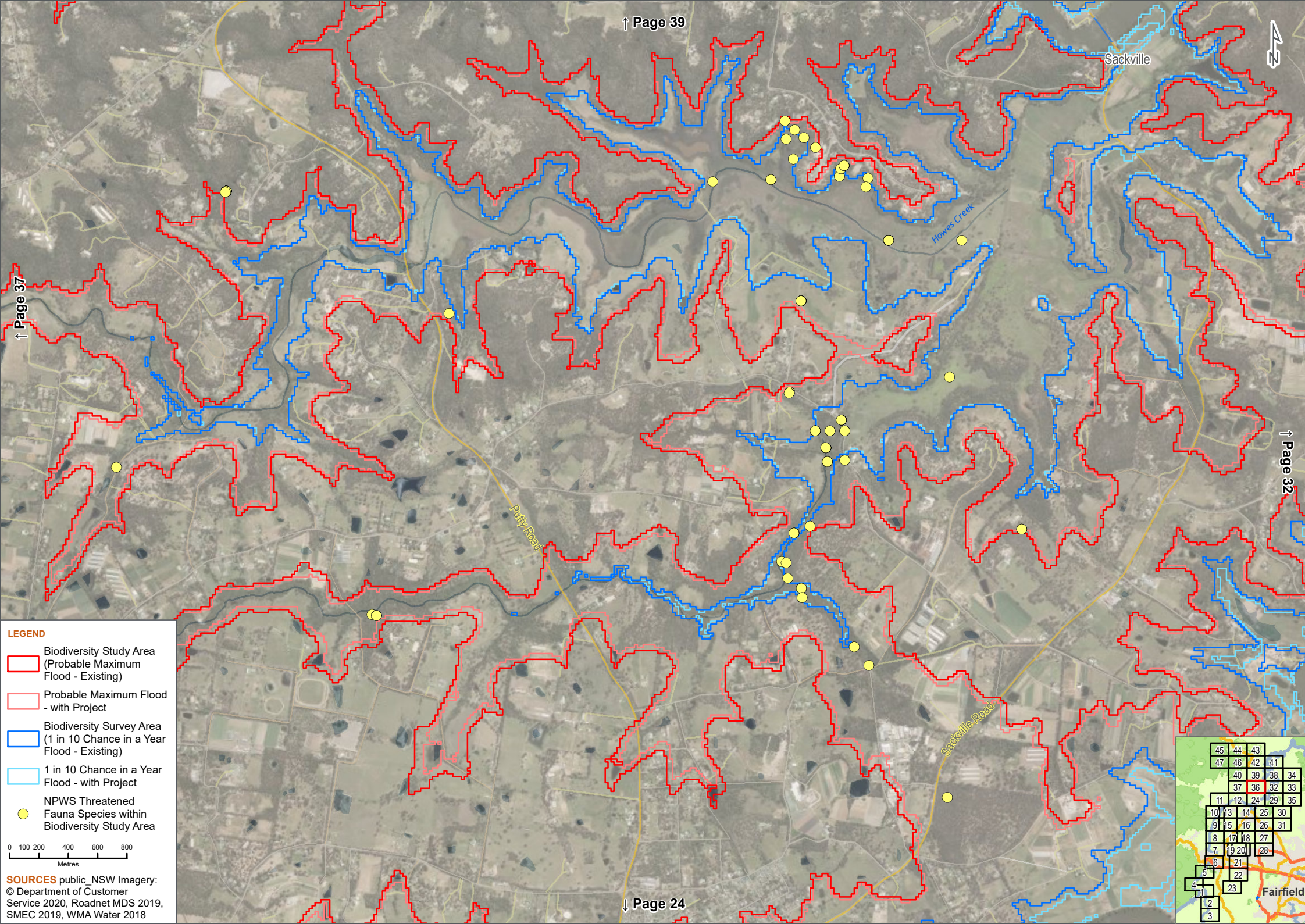
Fairfield

**LEGEND**

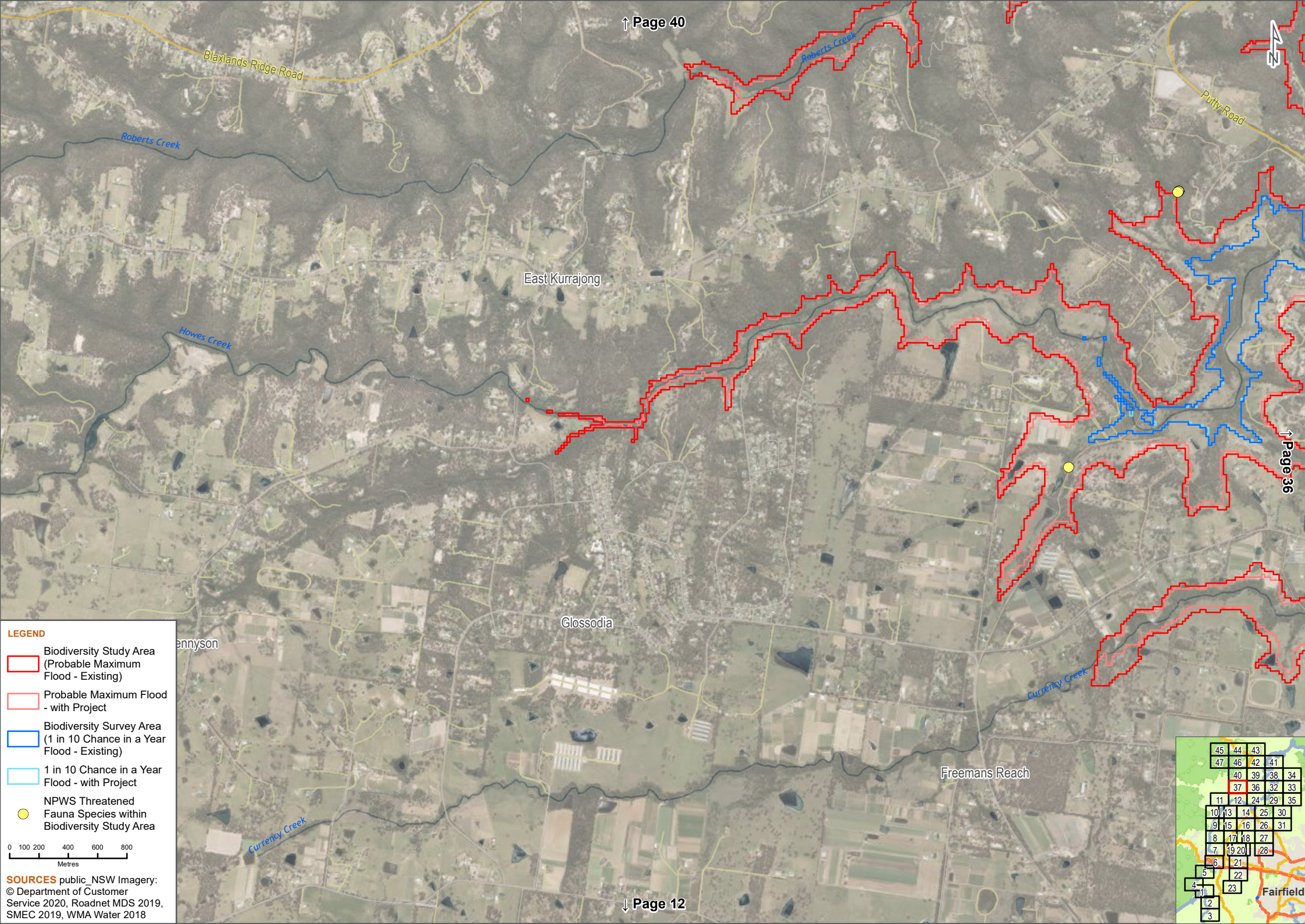
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800 Metres

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





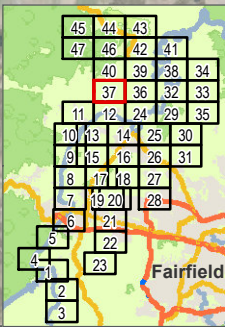


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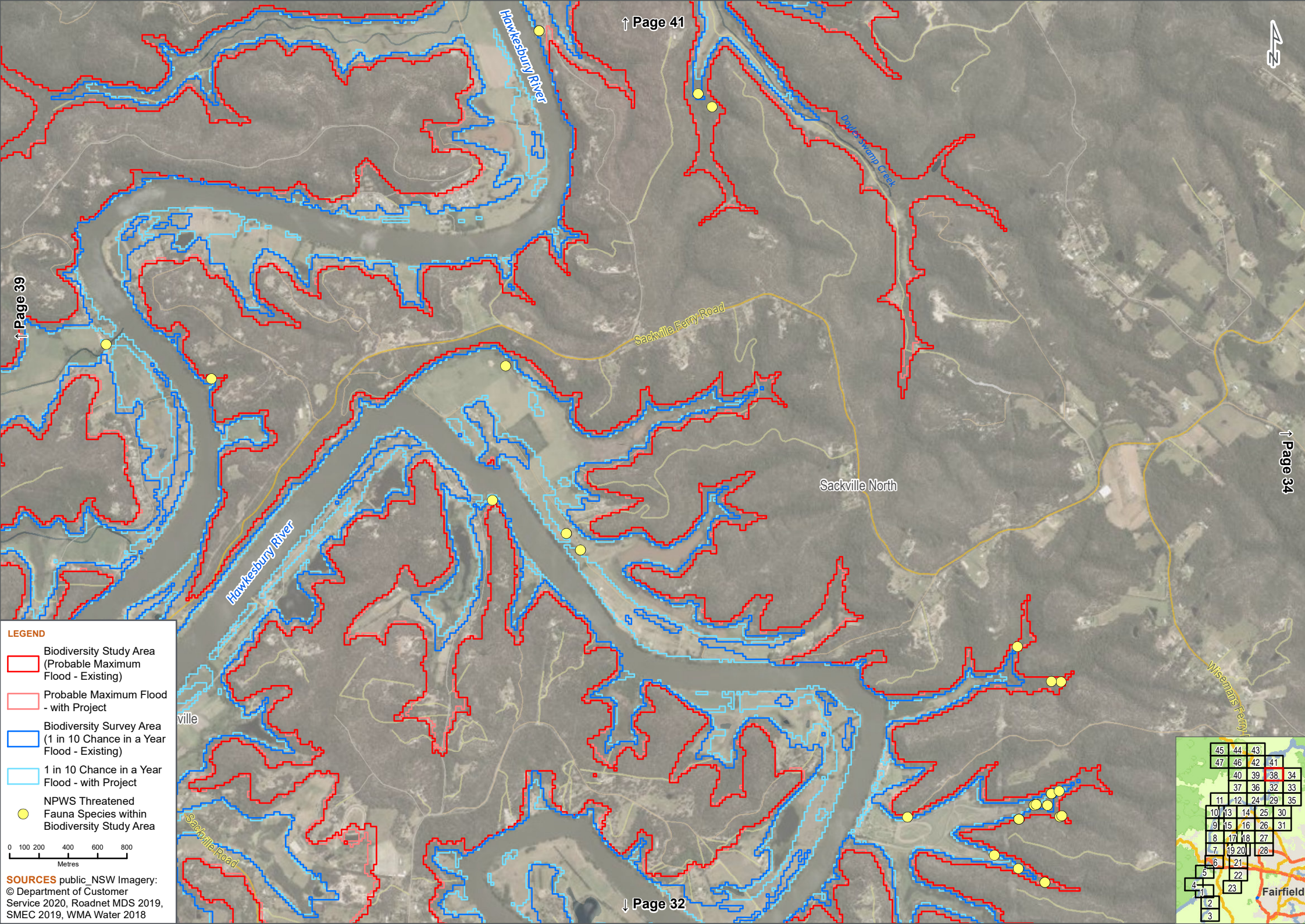
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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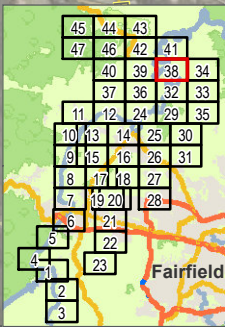


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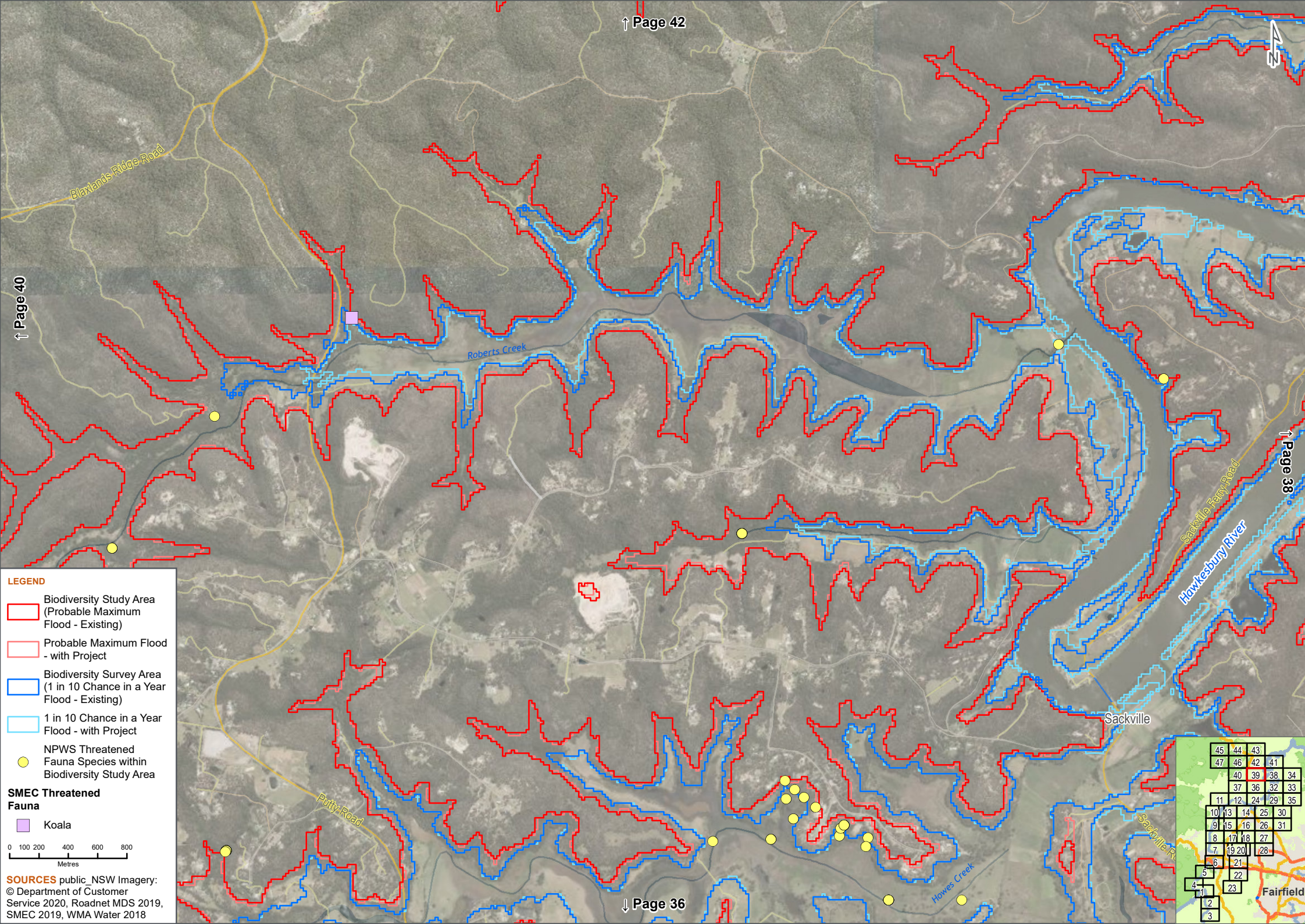
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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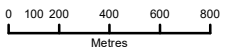


# LEGEND

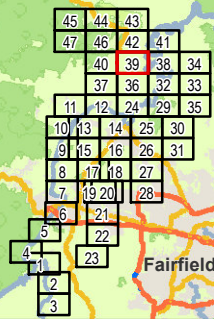
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

## SMEC Threatened Fauna

- Koala



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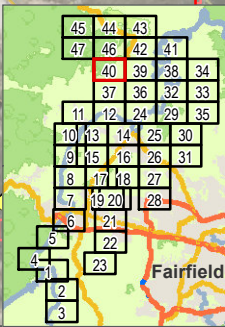
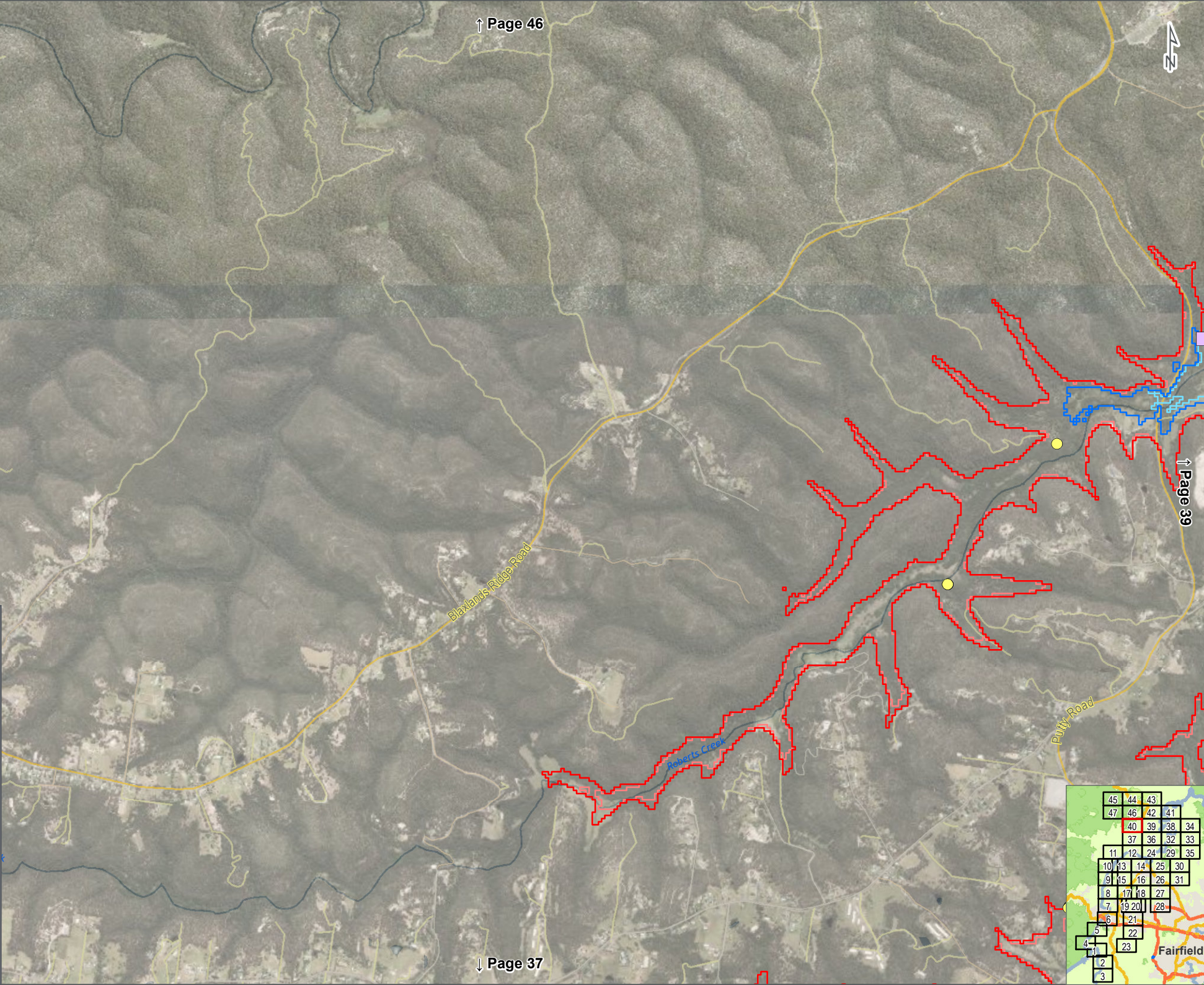


**LEGEND**

- 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 Fauna Species within Biodiversity Study Area
- SMEC Threatened Fauna**
  - Koala

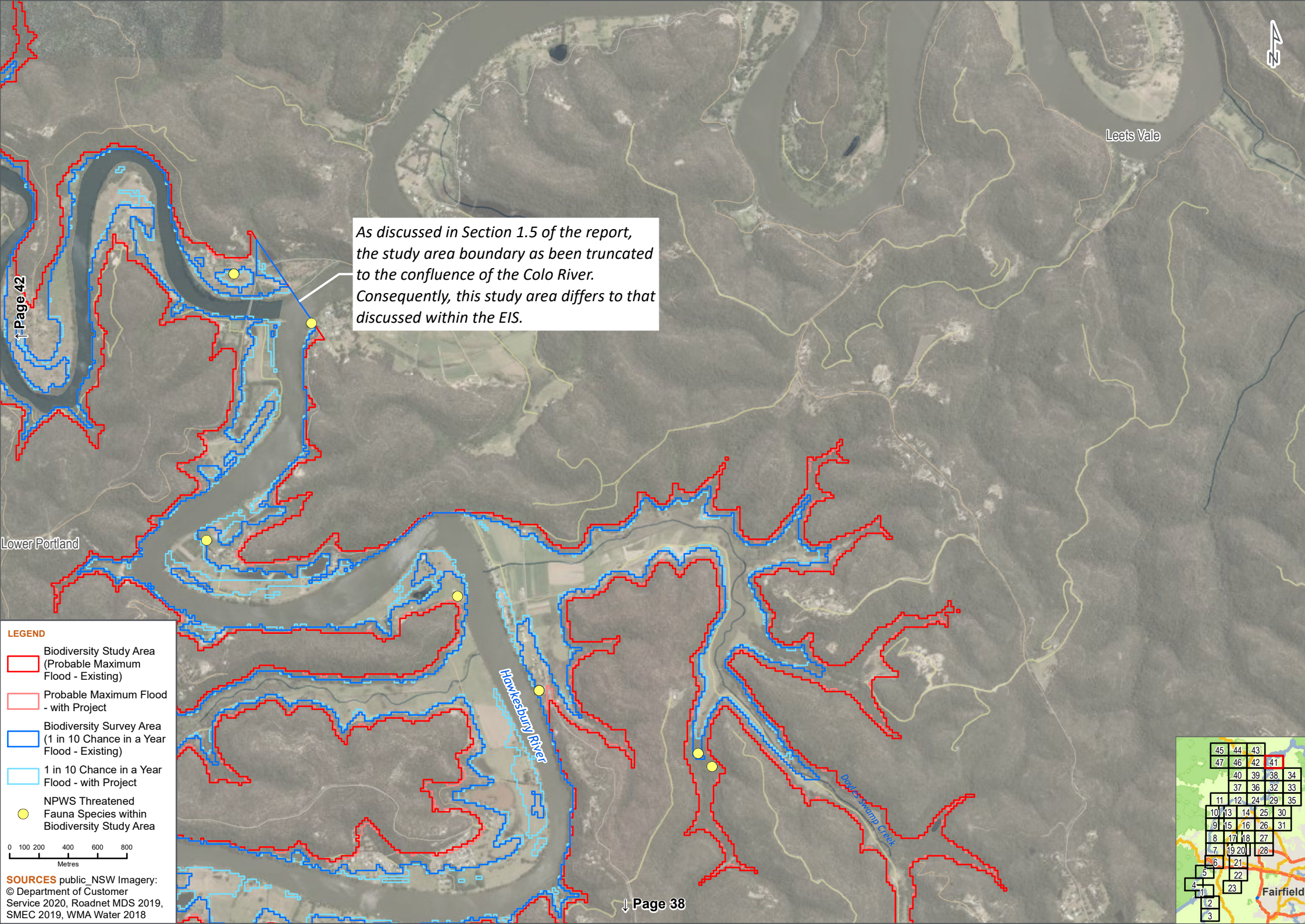
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Metres

**SOURCES** public\_NSW Imagery:  
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Fairfield





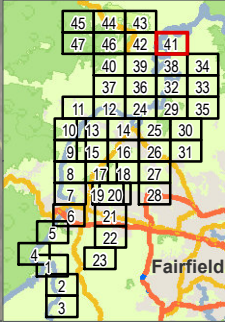
As discussed in Section 1.5 of the report, the study area boundary has been truncated to the confluence of the Colo River. Consequently, this study area differs to that discussed within the EIS.

**LEGEND**

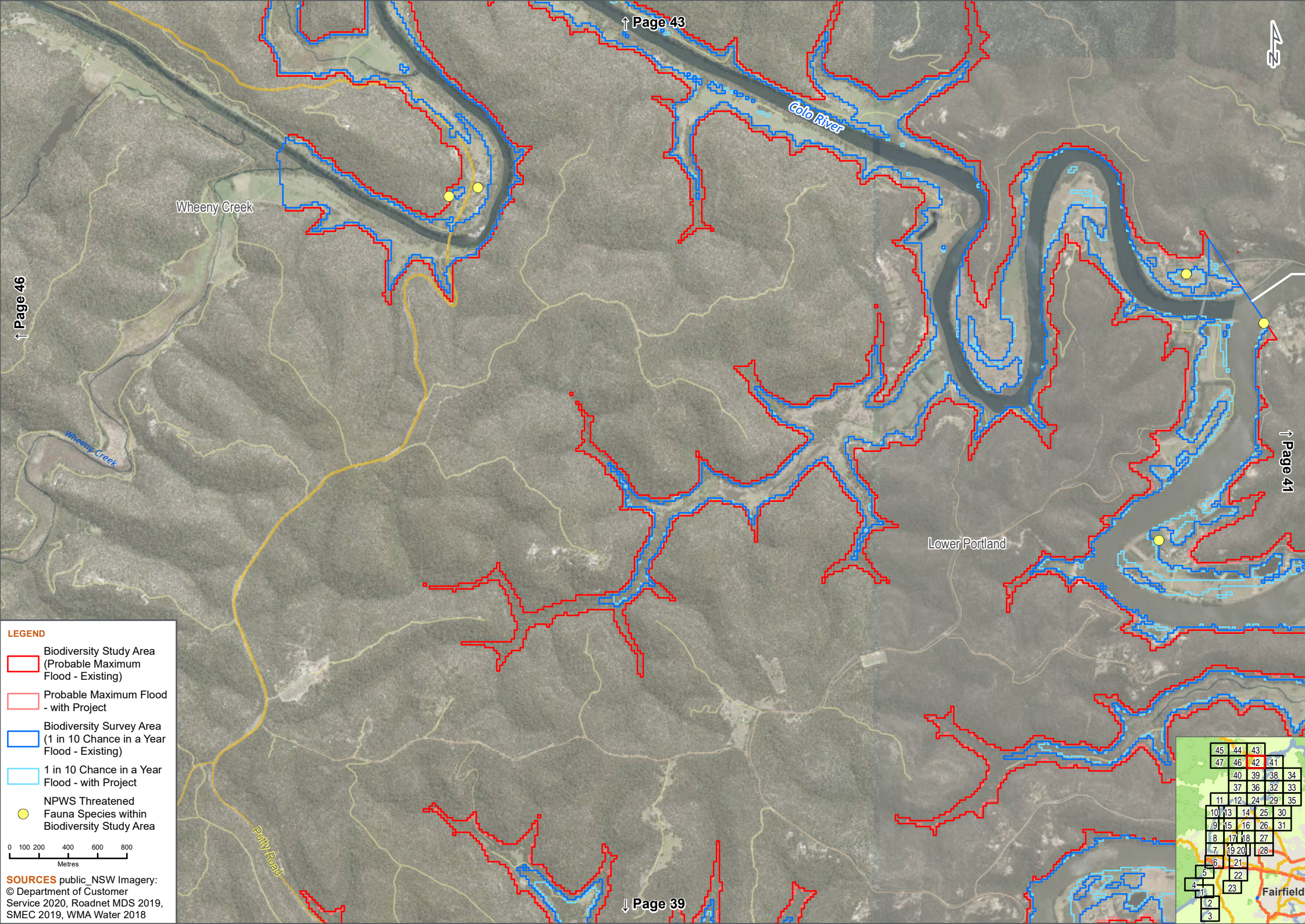
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- NPWS Threatened Fauna Species within Biodiversity Study Area

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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Colo River

Wheeny Creek

↑ Page 46

↓ Page 41

Lower Portland

Putty Road

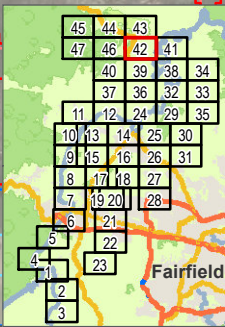
**LEGEND**

- 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 Fauna 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

↓ Page 39





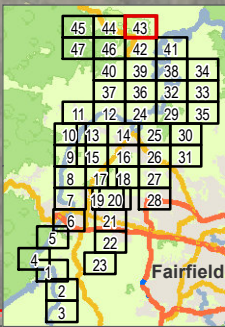


**LEGEND**

- 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 Fauna Species within Biodiversity Study Area

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
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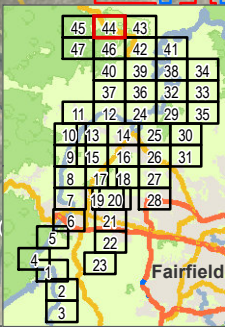


**LEGEND**

- 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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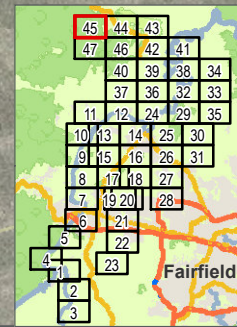
**LEGEND**

**SMEC Threatened Fauna**

 White-bellied Sea-eagle

0 100 200 400 600 800  
Metres

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







Upper Colo

↑ Page 44

Wheeny Creek

↓ Page 42

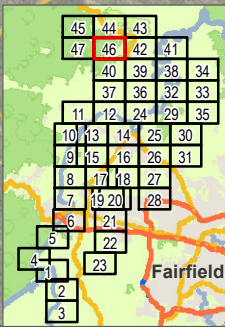
↑ Page 47

**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
- SMEC Threatened Fauna**
  - Eastern Bentwing Bat

0 100 200 400 600 800 Metres

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



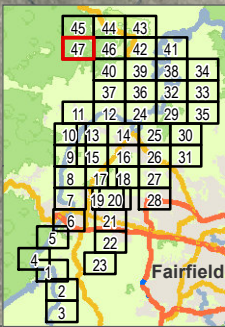
↓ Page 40

Blaxlands Ridge Road



Gospers Creek

Wheeny Creek



Fairfield

**LEGEND**

**SMEC Threatened Fauna**

■ White-bellied Sea-eagle

0 100 200 400 600 800  
Metres

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SMEC 2019, WMA Water 2018



