SMEC
Member of the Surbana Jurong Group

local people
global experience

Artist's Impression

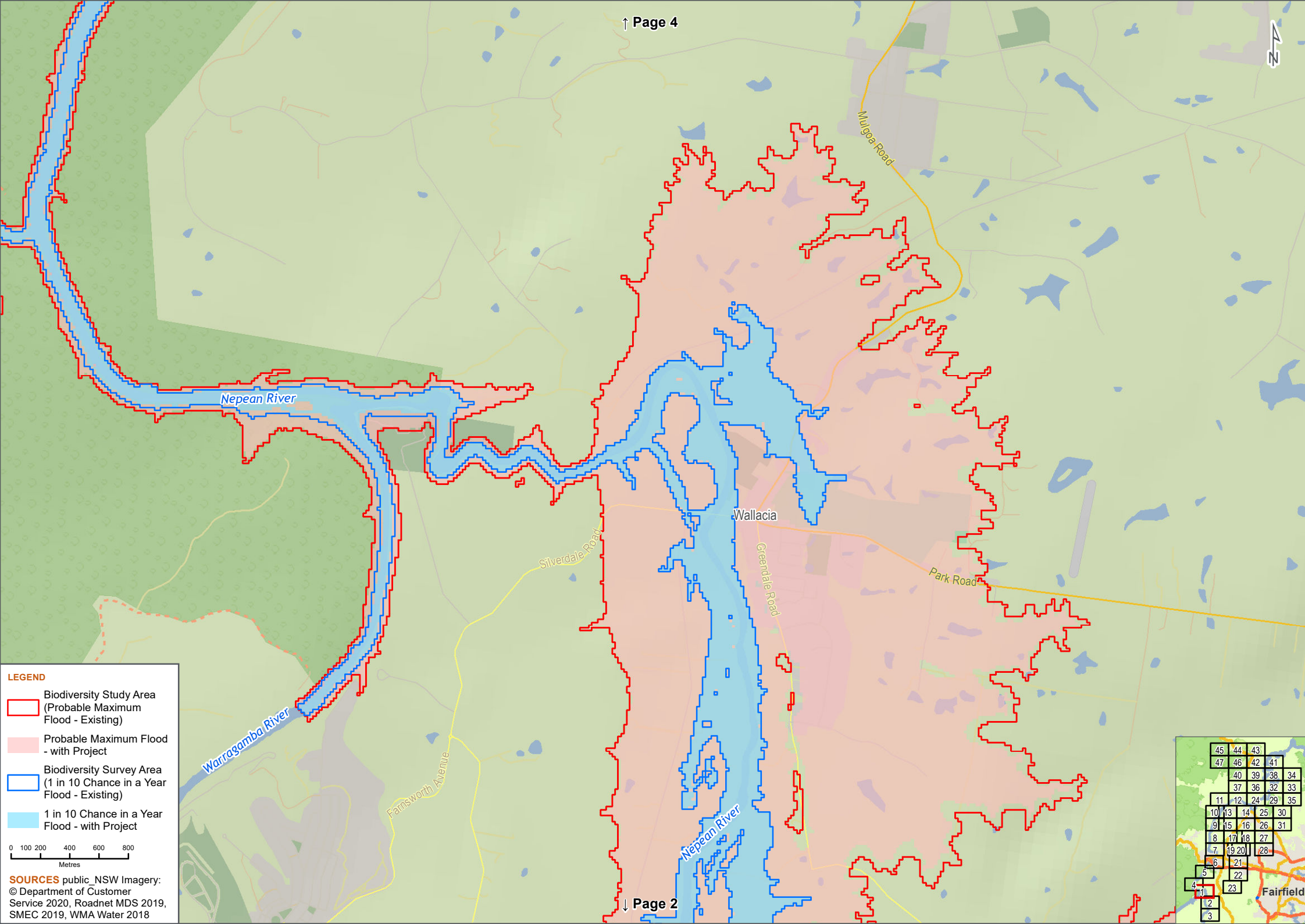
Environmental Impact Statement-Appendix F2: Downstream Ecological Assessment

Warragamba Dam Raising

Reference No. 30012078
Prepared for WaterNSW
10 September 2021

Appendix I – Part 1: Study area

SMEC INTERNAL REF. 30012078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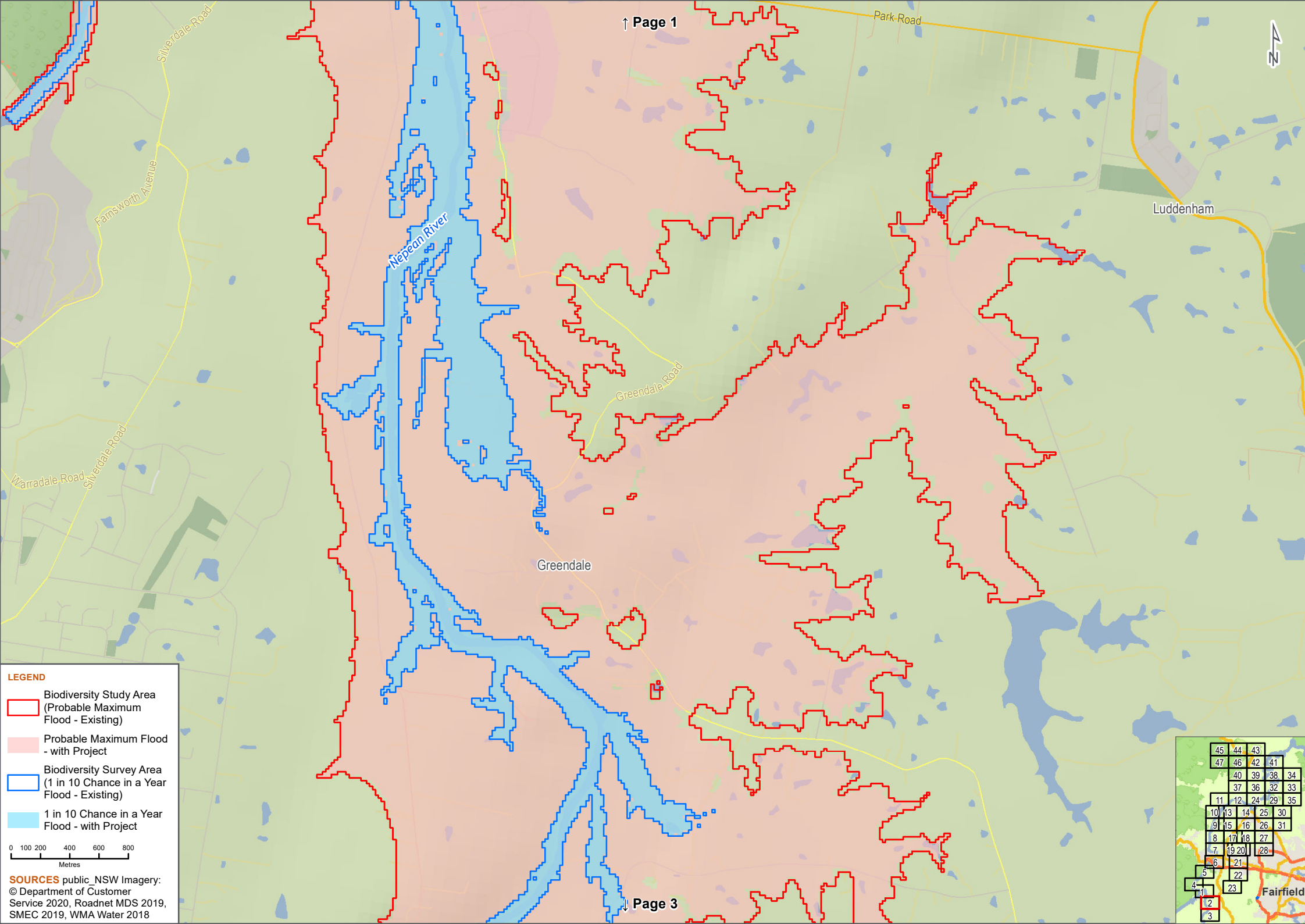
Mulgoa Road
Nepean River
Wallacia
Silverdale Road
Greendale Road
Park Road
Warragamba River
Farnsworth Avenue
Nepean River
↓ Page 2
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
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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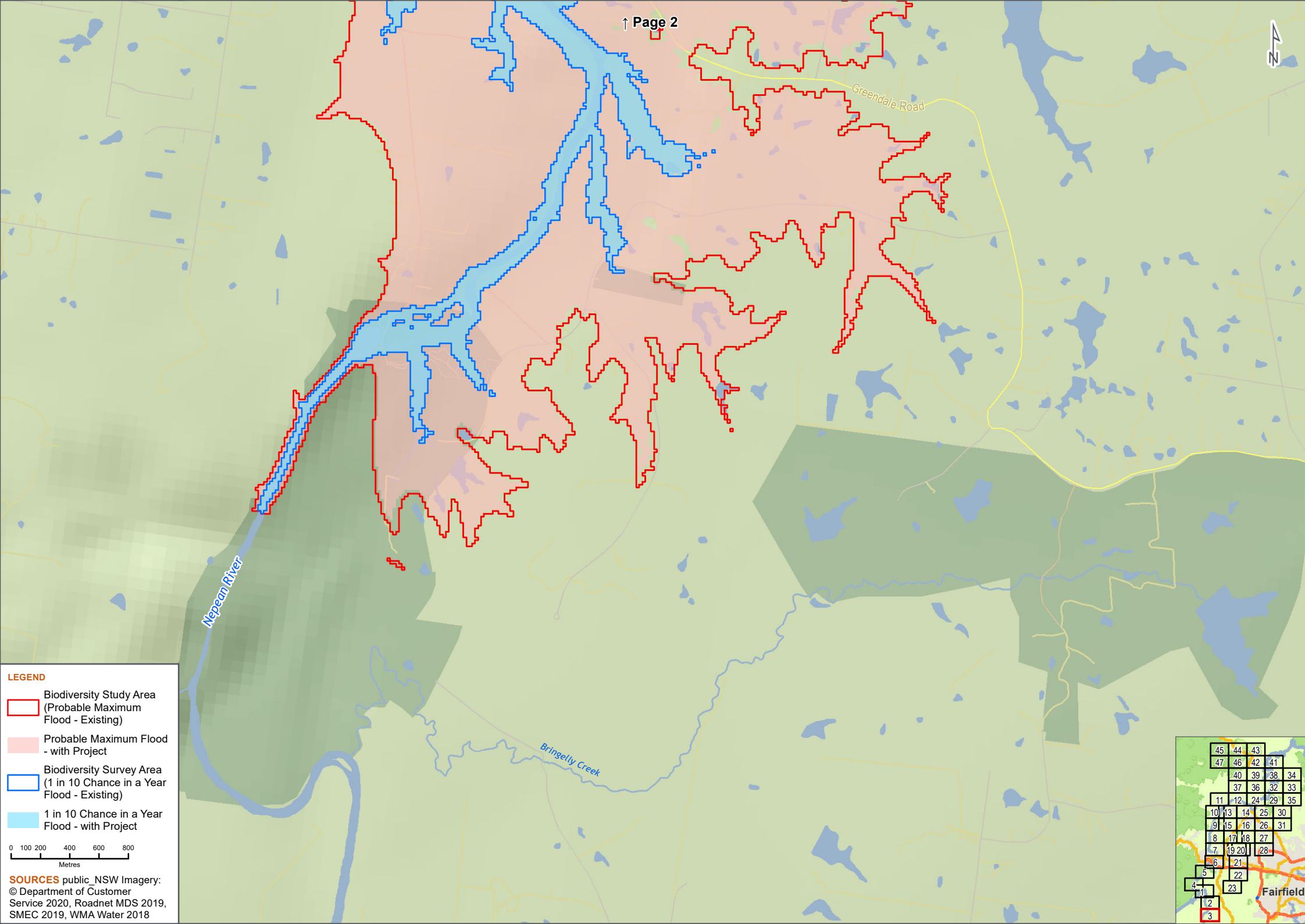
Park Road
Silverdale Road
Farnsworth Avenue
Nepean River
Luddenham
Greendale Road
Warradale Road
Silverdale Road
Greendale
↓ Page 3
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
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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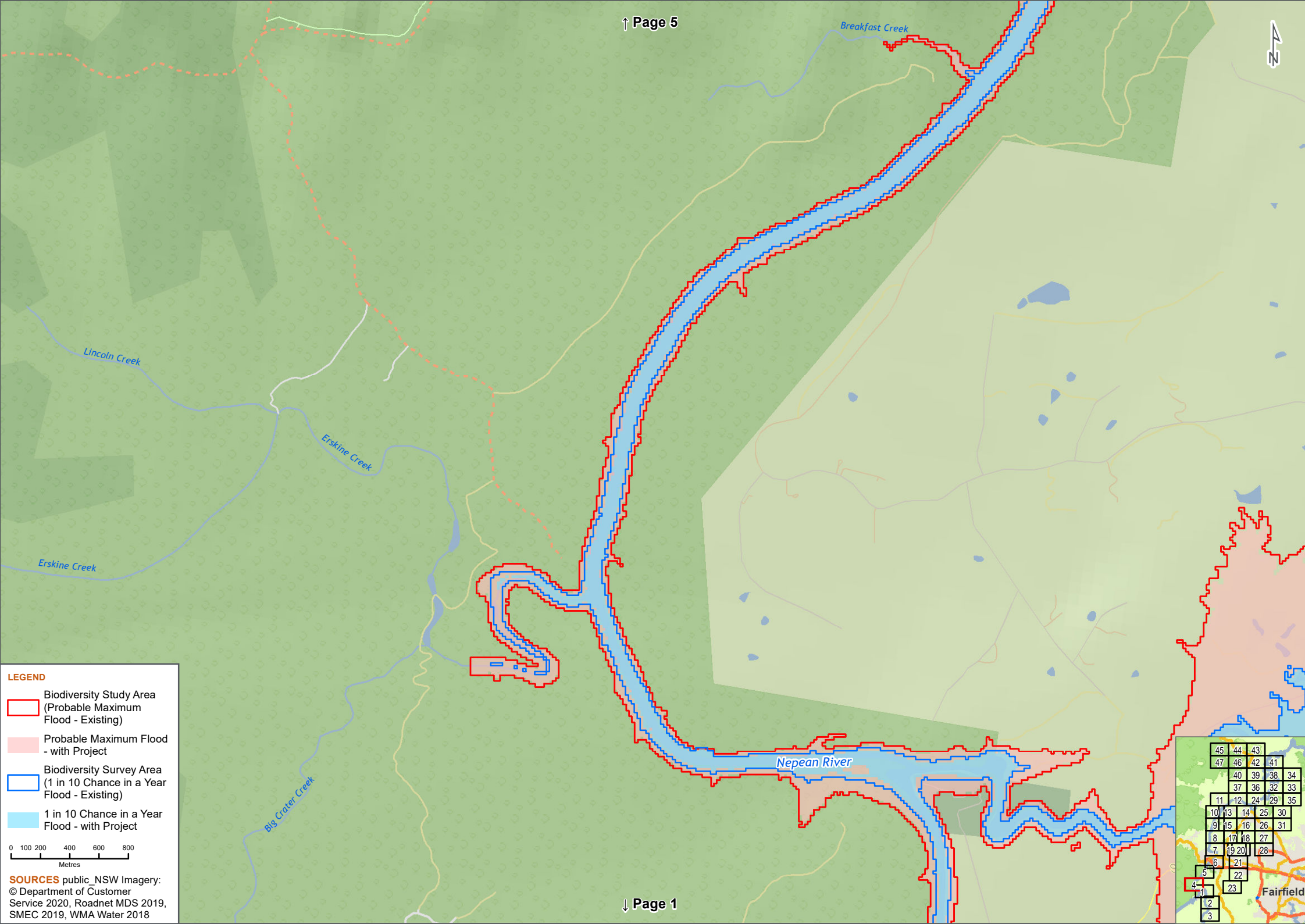
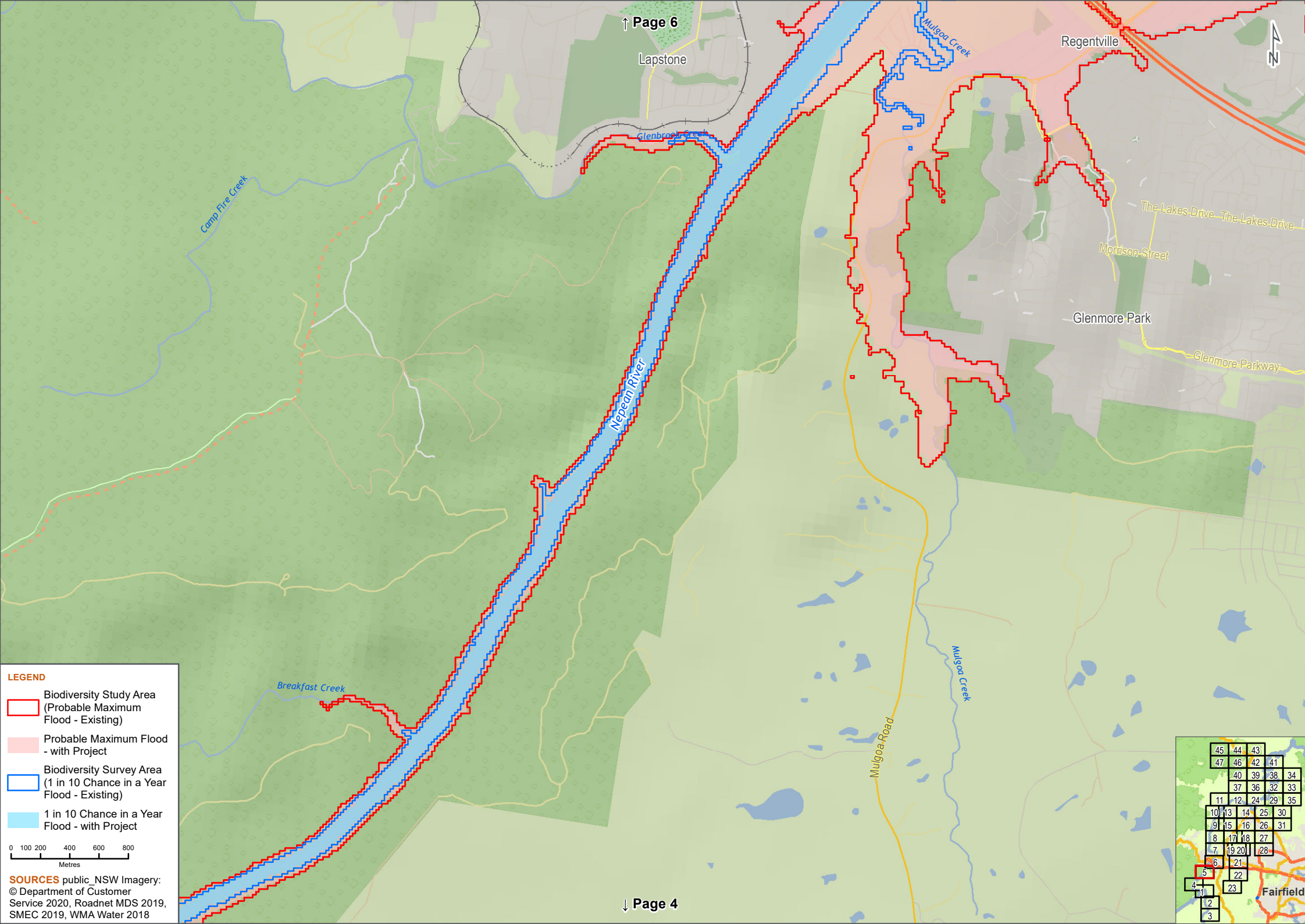
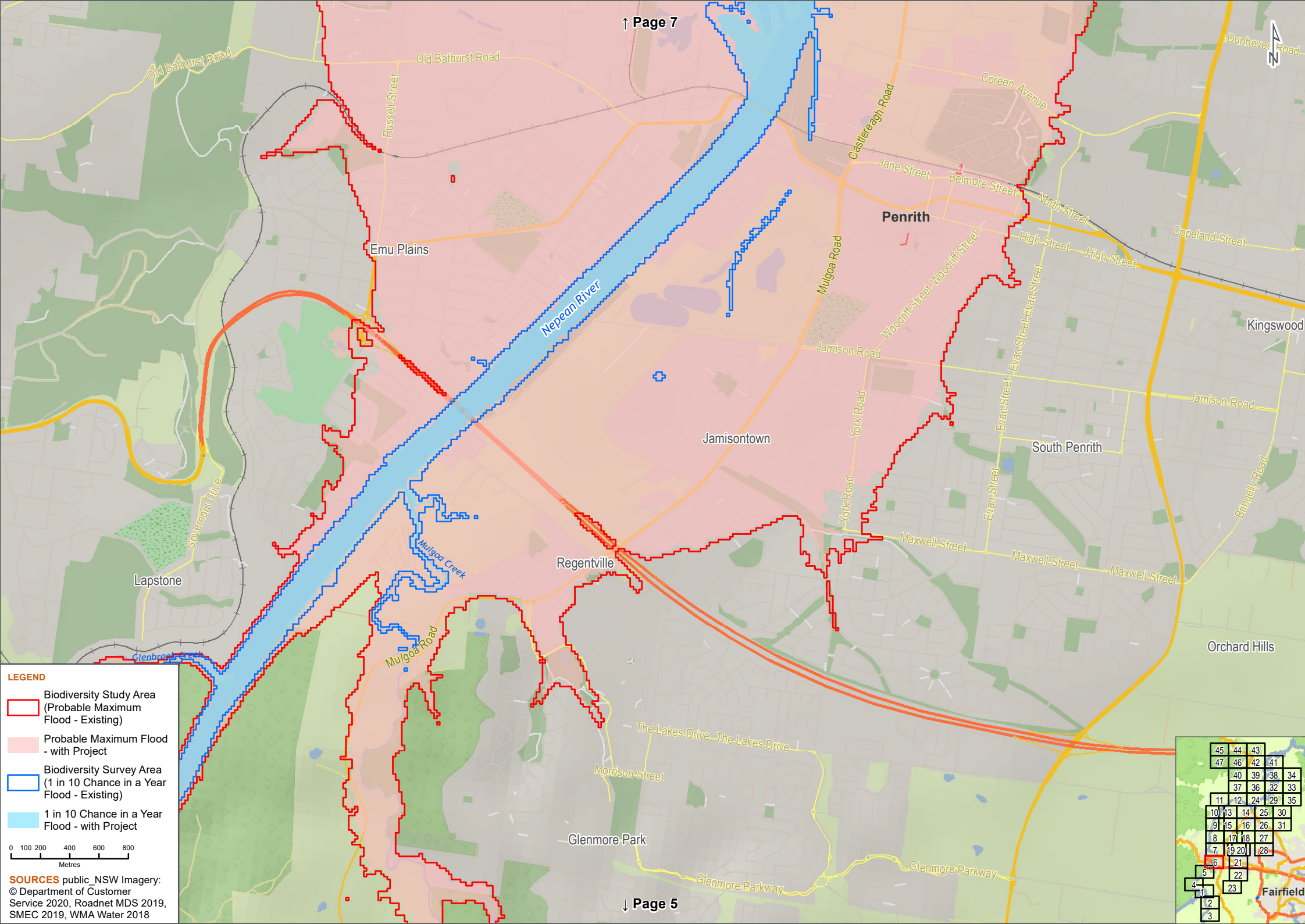
Greendale Road
Nepean River
Bringelly Creek
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018
Fairfield

↑ Page 5


Breakfast Creek
Lincoln Creek
Erskine Creek
Erskine Creek
Nepean River
Big Crater 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
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 1


↑ Page 6
Lapstone
Glenbrook Creek
Mulgoa Creek
Regentville
N
Camp Fire Creek
The Lakes Drive
The Lakes Drive
Morrison Street
Glenmore Park
Glenmore Parkway
Nepean River
Breakfast Creek
Mulgoa Road
Mulgoa 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
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 4
Fairfield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Old Bathurst Road
Russell Street
Castlereagh Road
Coreen Avenue
Dunheved Road
Jane Street
Belmore Street
North Street
Penrith
Copeland Street
High Street
Emu Plains
Nepean River
Mulgoa Road
Woodriff Street
Evan Street
Kingswood
Jamison Road
Jamisontown
York Road
South Penrith
Bringelly Road
Maxwell Street
Regentville
Lapstone
Governors Drive
Mulgoa Creek
Glenbrook Creek
Orchard Hills
The Lakes Drive
Morrison Street
Glenmore Park
Glenmore Parkway
Fairfield
↓ Page 5
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
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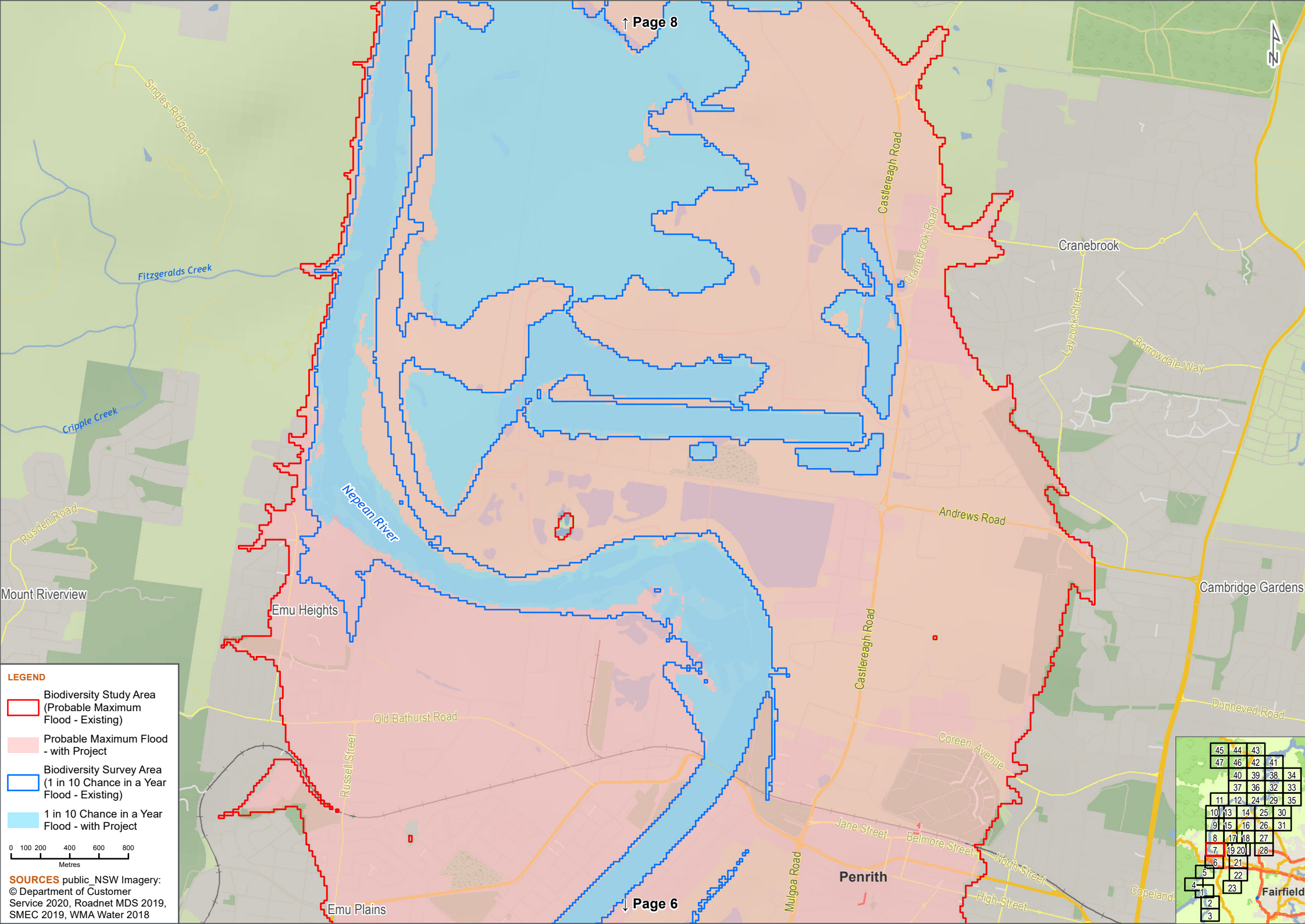
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Singles Ridge Road
Fitzgeralds Creek
Cripple Creek
Rusden Road
Nepean River
Mount Riverview
Emu Heights
Old Bathurst Road
Russell Street
Emu Plains
↓ Page 6
Castlereagh Road
Cranebrook Road
Cranebrook
Laycock Street
Borrowdale Way
Andrews Road
Cambridge Gardens
Dunheved Road
Coreen Avenue
Jane Street
Belmore Street
North Street
High Street
Mulgoa Road
Penrith
Copeland
Fairfield
N
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
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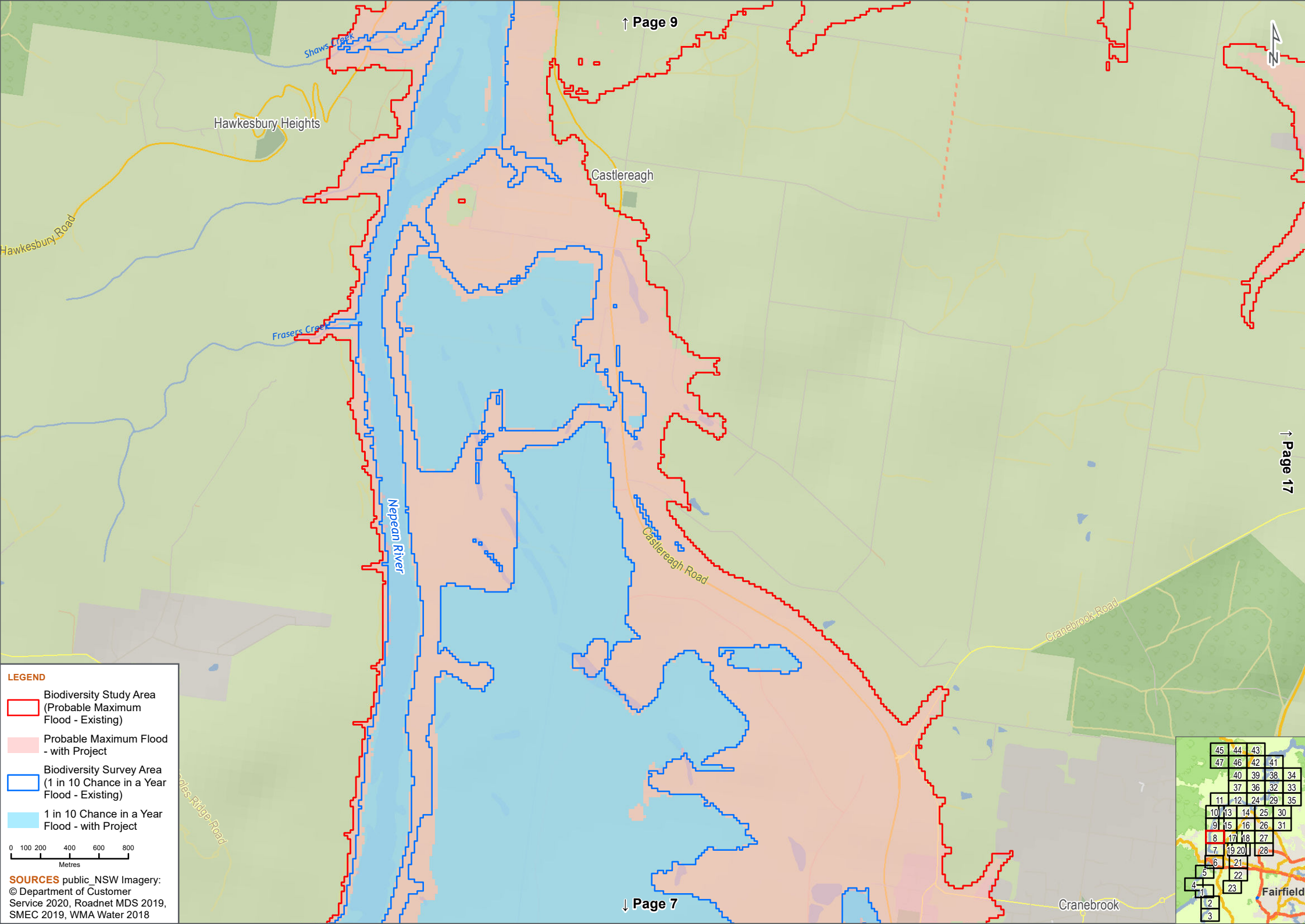
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Shaws Creek
Hawkesbury Heights
Castlereagh
Hawkesbury Road
Frasers Creek
Nepean River
Castlereagh Road
Cranebrook Road
↑ Page 17
↓ Page 7
Cranebrook
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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Metres
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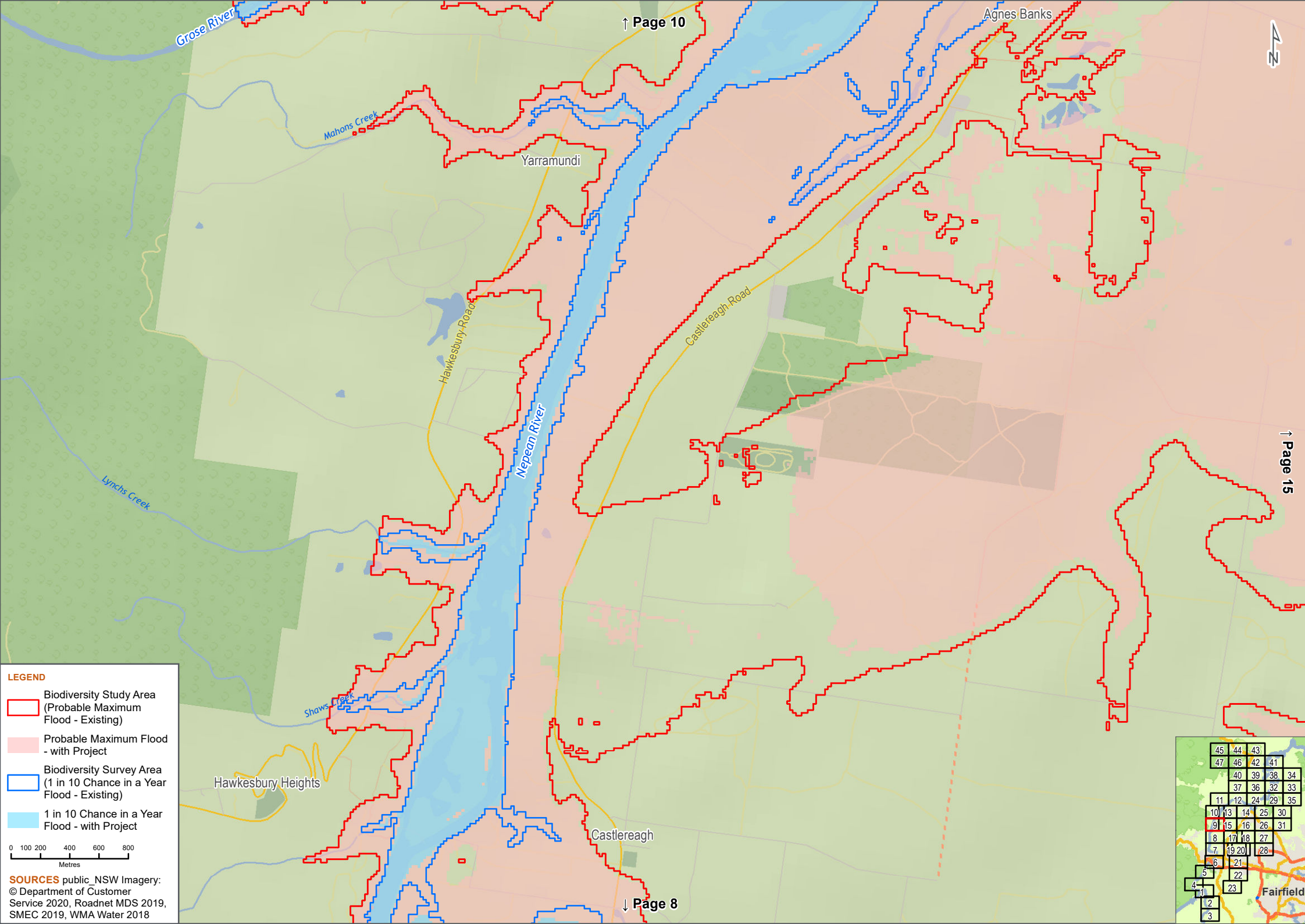
↑ Page 10
Grose River
Mahons Creek
Yarramundi
Agnes Banks
Hawkesbury Road
Nepean River
Castlereagh Road
Lynchs Creek
Shaws Creek
Hawkesbury Heights
Castlereagh
↓ Page 8
→ Page 15
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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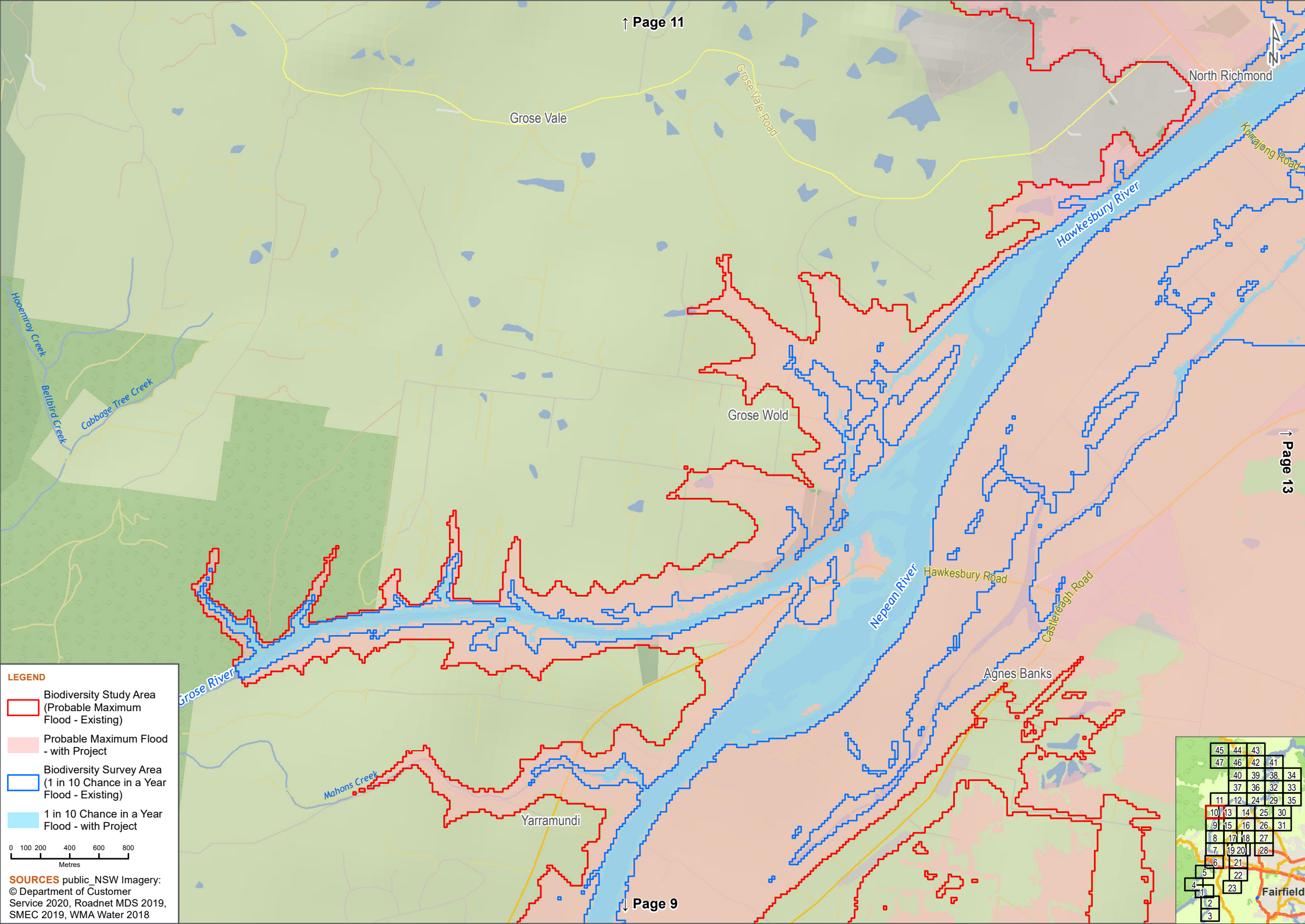
↑ Page 11
Grose Vale
Grose Vale Road
North Richmond
Kurrajong Road
Hawkesbury River
Hoeemroy Creek
Bellbird Creek
Cabbage Tree Creek
Grose Wold
→ Page 13
Nepean River
Hawkesbury Road
Castlereagh Road
Agnes Banks
Grose River
Mahons Creek
Yarramundi
↓ Page 9
Fairfield
LEGEND
Biodiversity Study Area (Probable 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
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Metres
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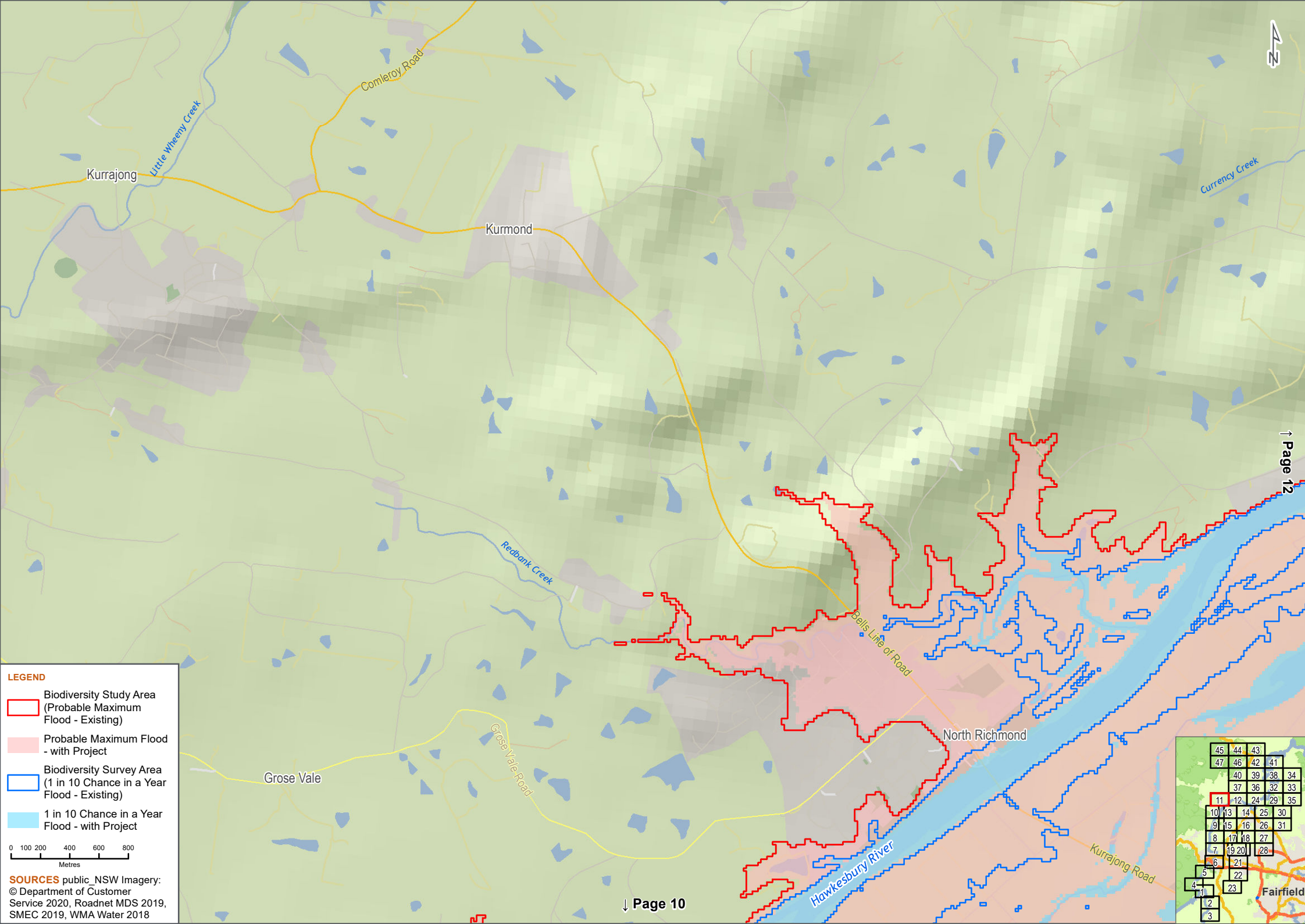
Kurrajong
Little Wheeny Creek
Comleroy Road
Kurmond
Currency Creek
Redbank Creek
Bells Line of Road
North Richmond
Grose Vale
Grose Vale Road
Hawkesbury River
Kurrajong Road
Fairfield
↓ Page 10
→ Page 12
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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Metres
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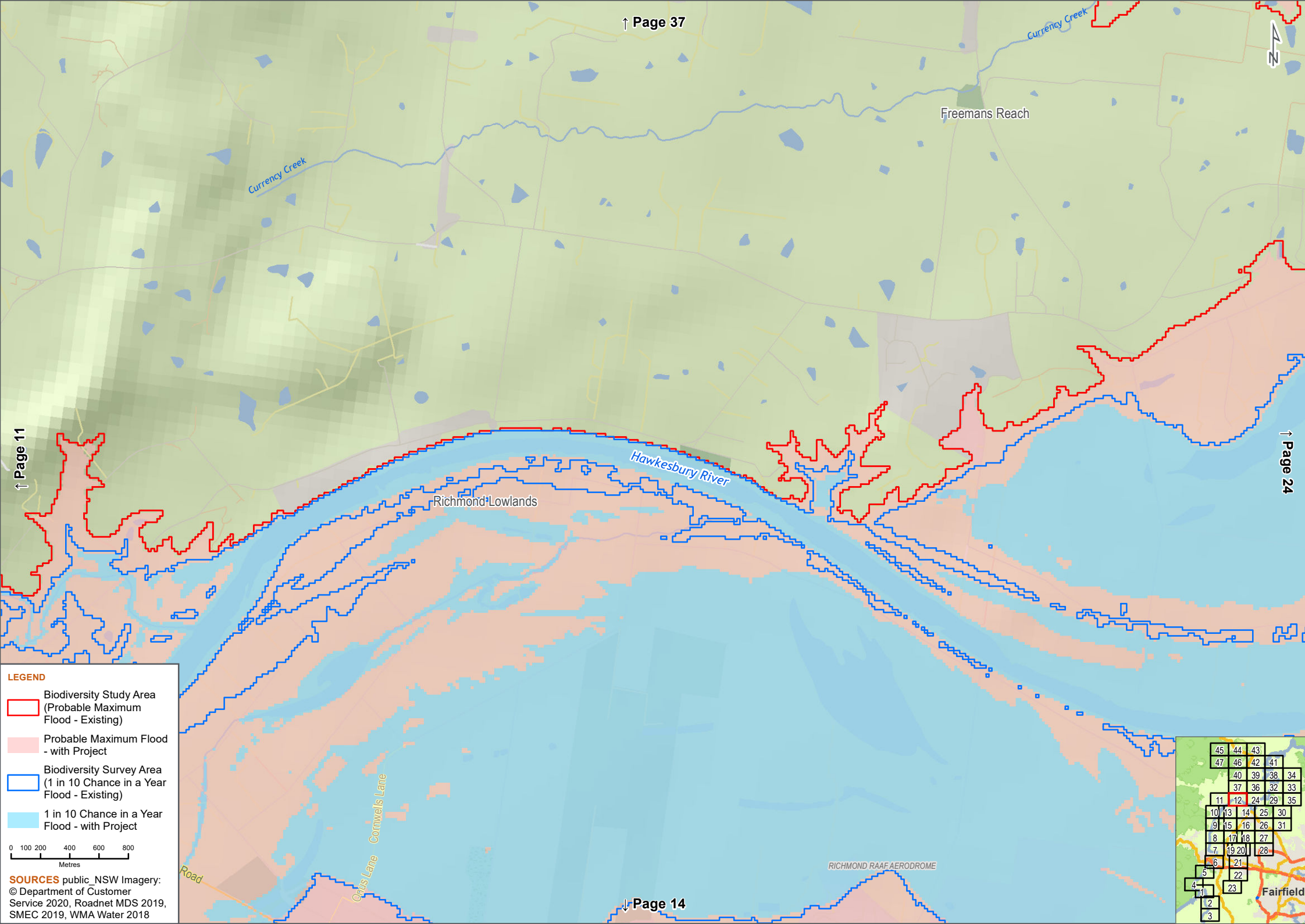
↑ Page 37
Currency Creek
Freemans Reach
Currency Creek
N
← Page 11
Hawkesbury River
Richmond Lowlands
→ Page 24
Cornwells Lane
Road
Cornus Lane
RICHMOND RAAF AERODROME
↓ Page 14
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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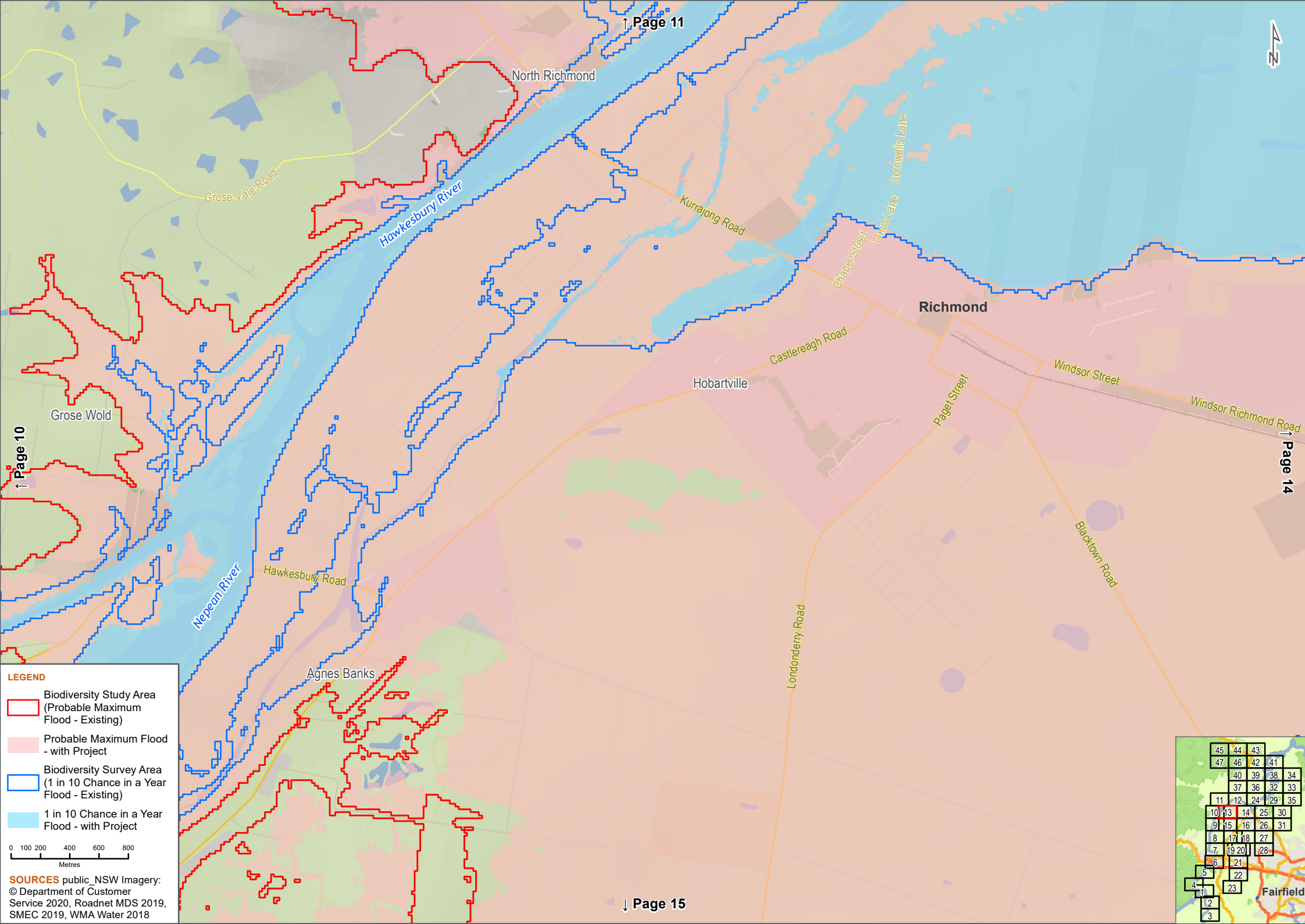
↑ Page 11
North Richmond
Grose Vale Road
Hawkesbury River
Kurrajong Road
Chapel Street
Cornwells Lane
Richmond
Castlereagh Road
Windsor Street
Windsor Richmond Road
Hobartville
Paget Street
Blacktown Road
Londonderry Road
Grose Wold
← Page 10
Page 14 →
Nepean River
Hawkesbury Road
Agnes Banks
↓ Page 15
Fairfield
LEGEND
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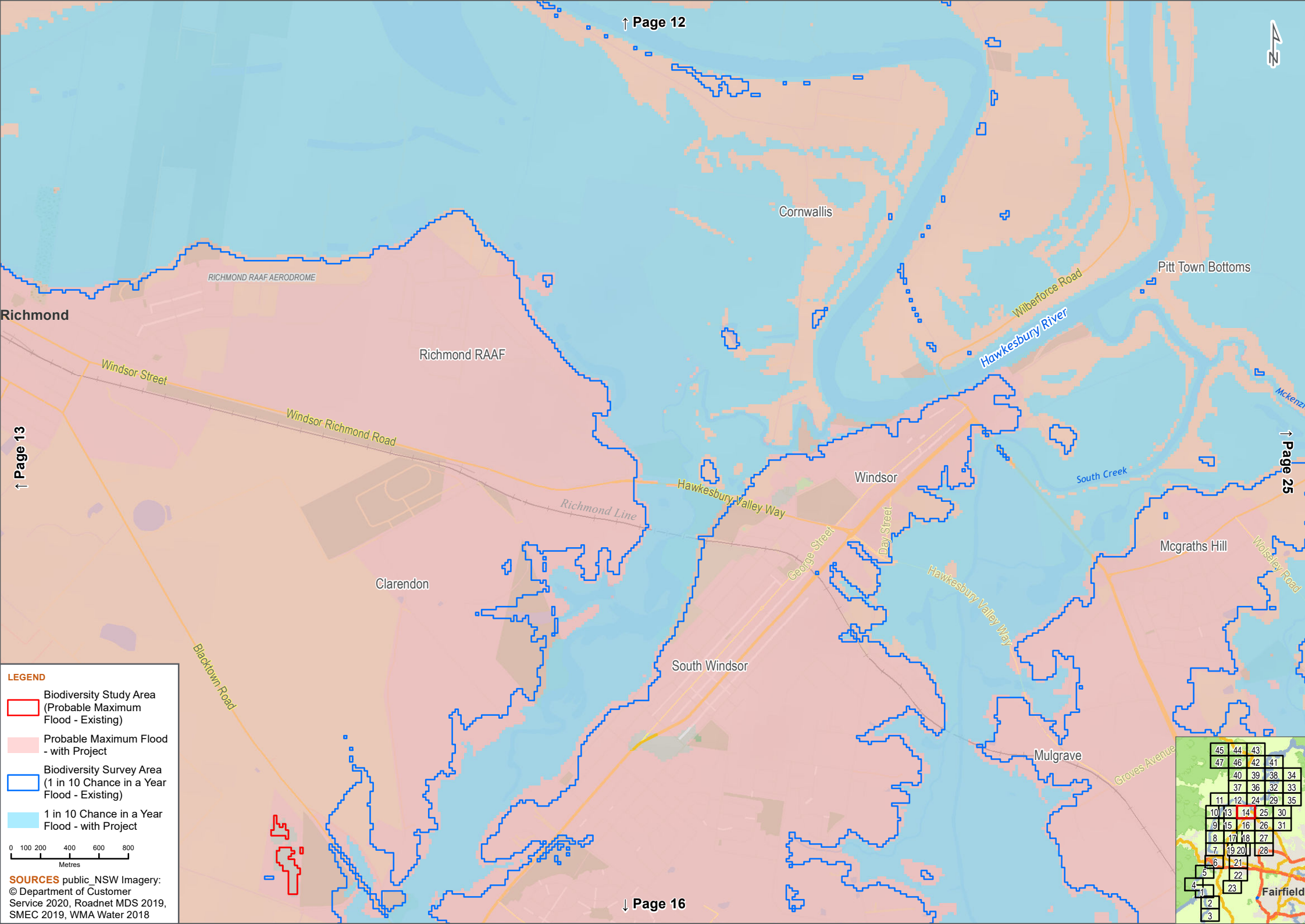
↑ Page 12
Cornwallis
Pitt Town Bottoms
RICHMOND RAAF AERODROME
Richmond
Richmond RAAF
Wilberforce Road
Hawkesbury River
Windsor Street
Windsor Richmond Road
← Page 13
Richmond Line
Hawkesbury Valley Way
Windsor
South Creek
→ Page 25
Clarendon
George Street
Day Street
Mcgraths Hill
Hawkesbury Valley Way
Wolseley Road
Blacktown Road
South Windsor
Mulgrave
Groves Avenue
Fairfield
↓ Page 16
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
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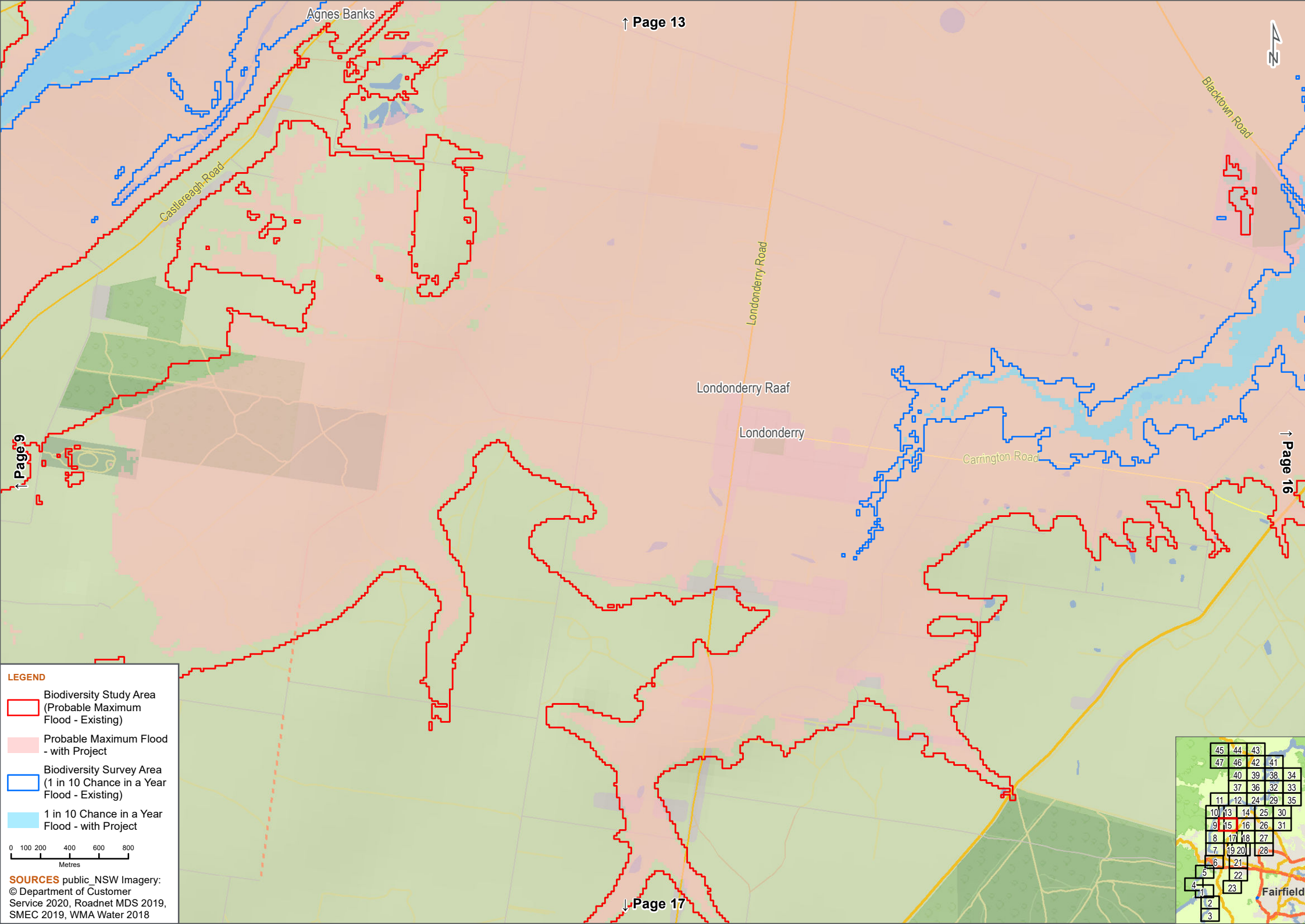
Agnes Banks
↑ Page 13
Castlereagh Road
Londonderry Road
Blacktown Road
Londonderry Raaf
Londonderry
Carrington Road
← Page 9
→ Page 16
↓ Page 17
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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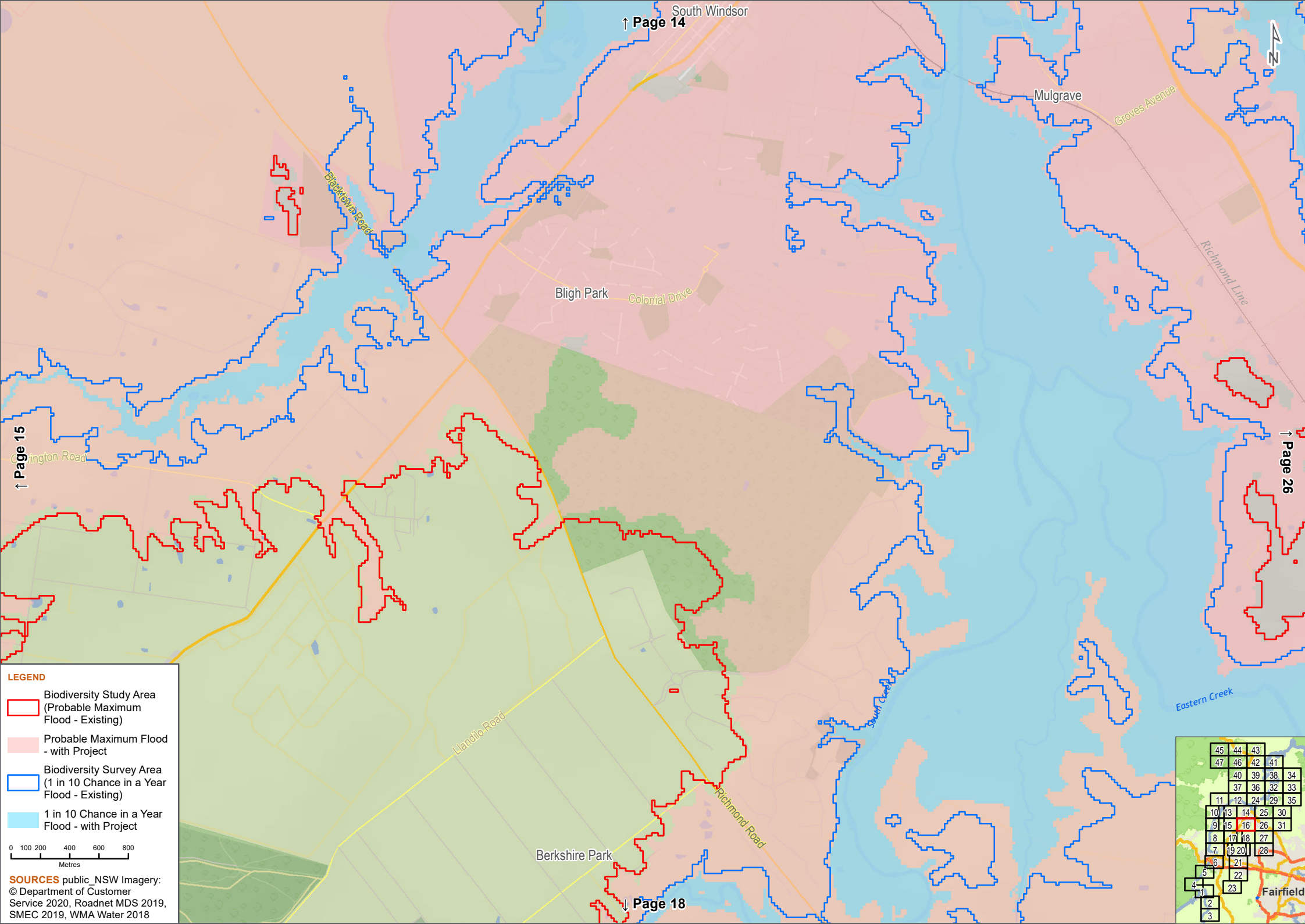
Fairfield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South Windsor
Mulgrave
Groves Avenue
Richmond Line
Blacktown Road
Bligh Park
Colonial Drive
↑ Page 15
Clarington Road
→ Page 26
Llandilo Road
Richmond Road
Berkshire Park
South Creek
Eastern Creek
↓ Page 18
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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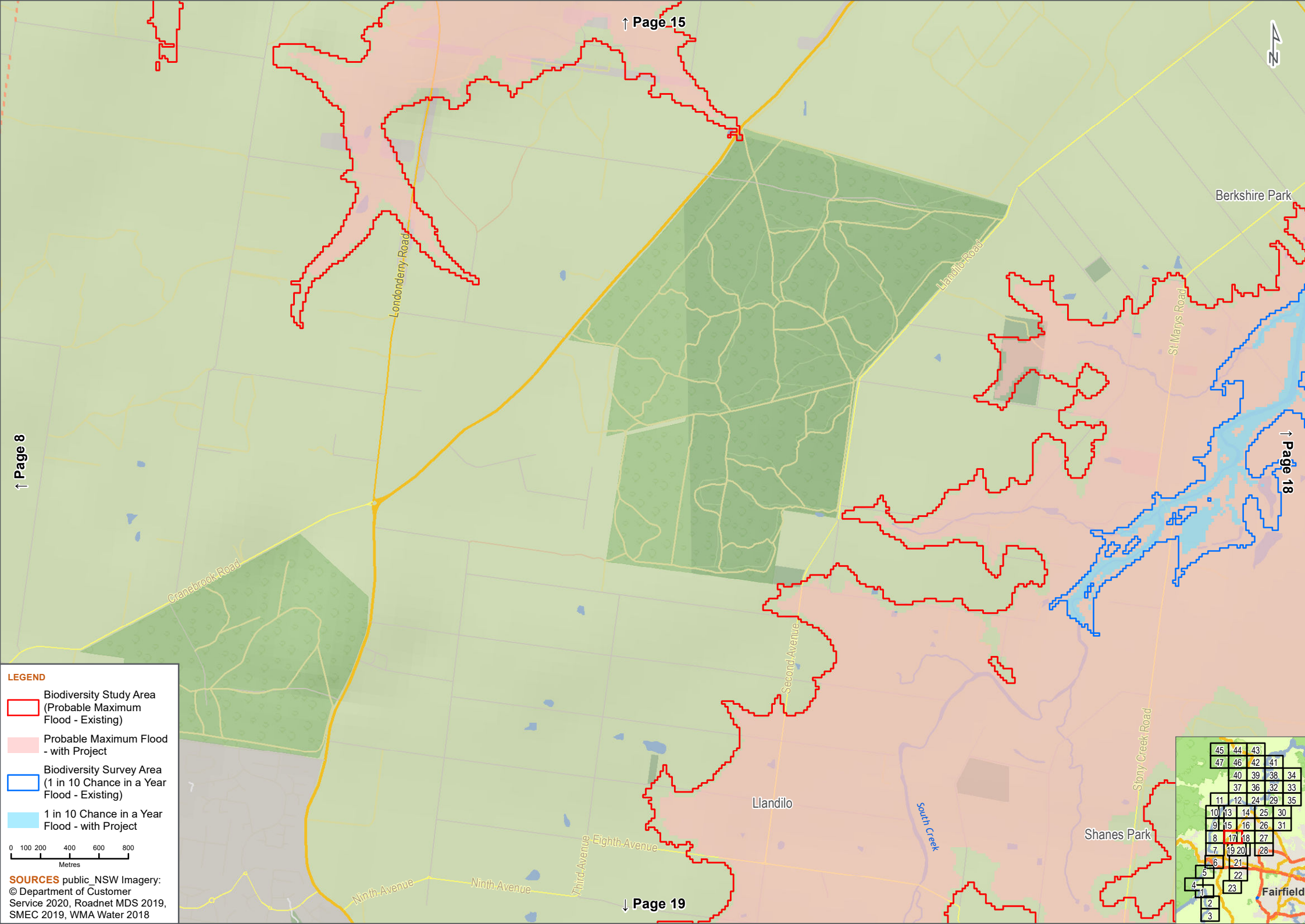
↑ Page 15
↑ Page 8
↓ Page 19
→ Page 18
Berkshire Park
Londonderry Road
Llandilo Road
St Marys Road
Cranebrook Road
Second Avenue
Llandilo
South Creek
Stony Creek Road
Shanes Park
Third Avenue
Eighth Avenue
Ninth Avenue
Ninth Avenue
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
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
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Metres
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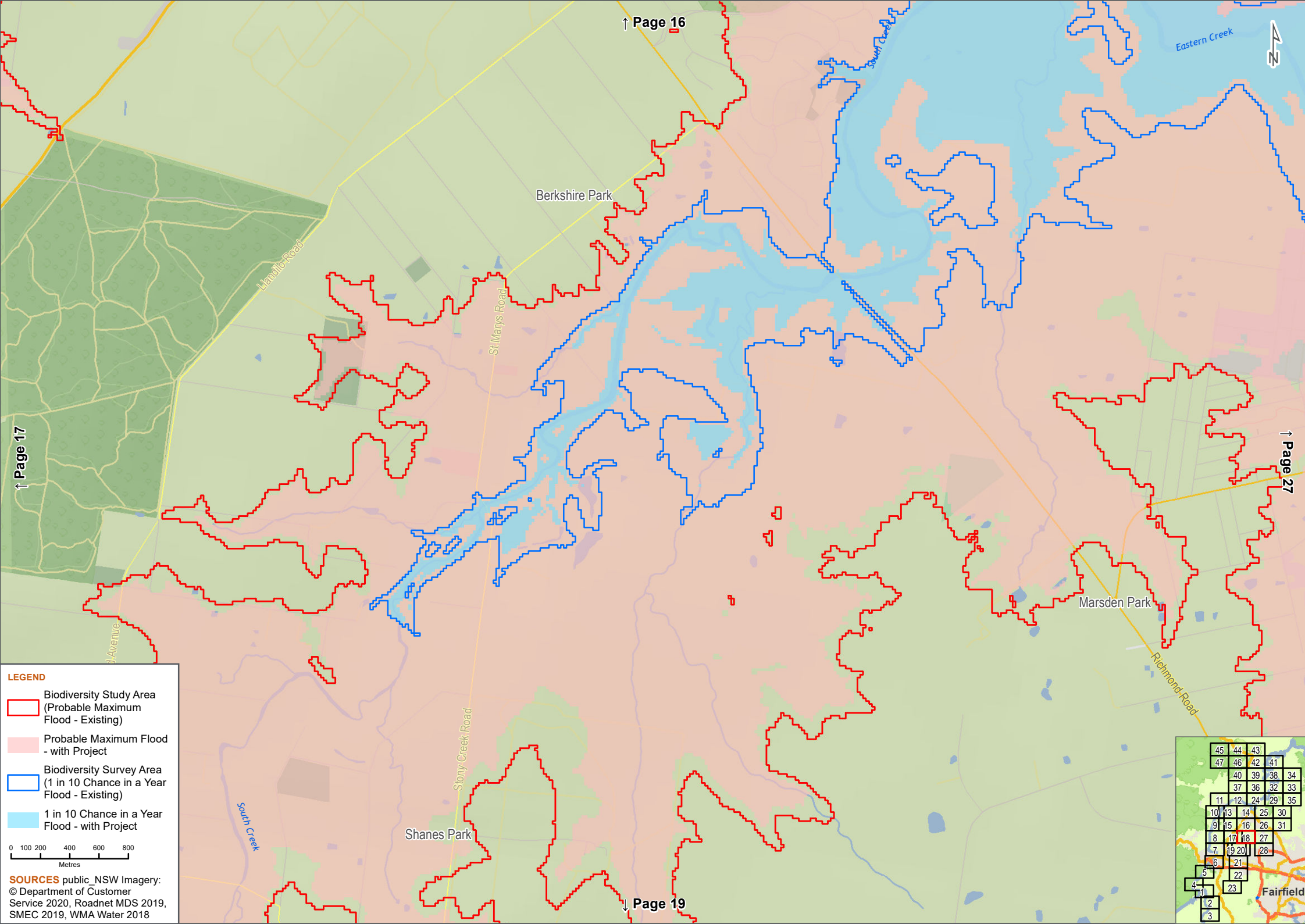
↑ Page 16
Berkshire Park
Eastern Creek
South Creek
Llandilo Road
St Marys Road
↑ Page 17
↑ Page 27
Marsden Park
Richmond Road
Stony Creek Road
South Creek
Shanes Park
↓ Page 19
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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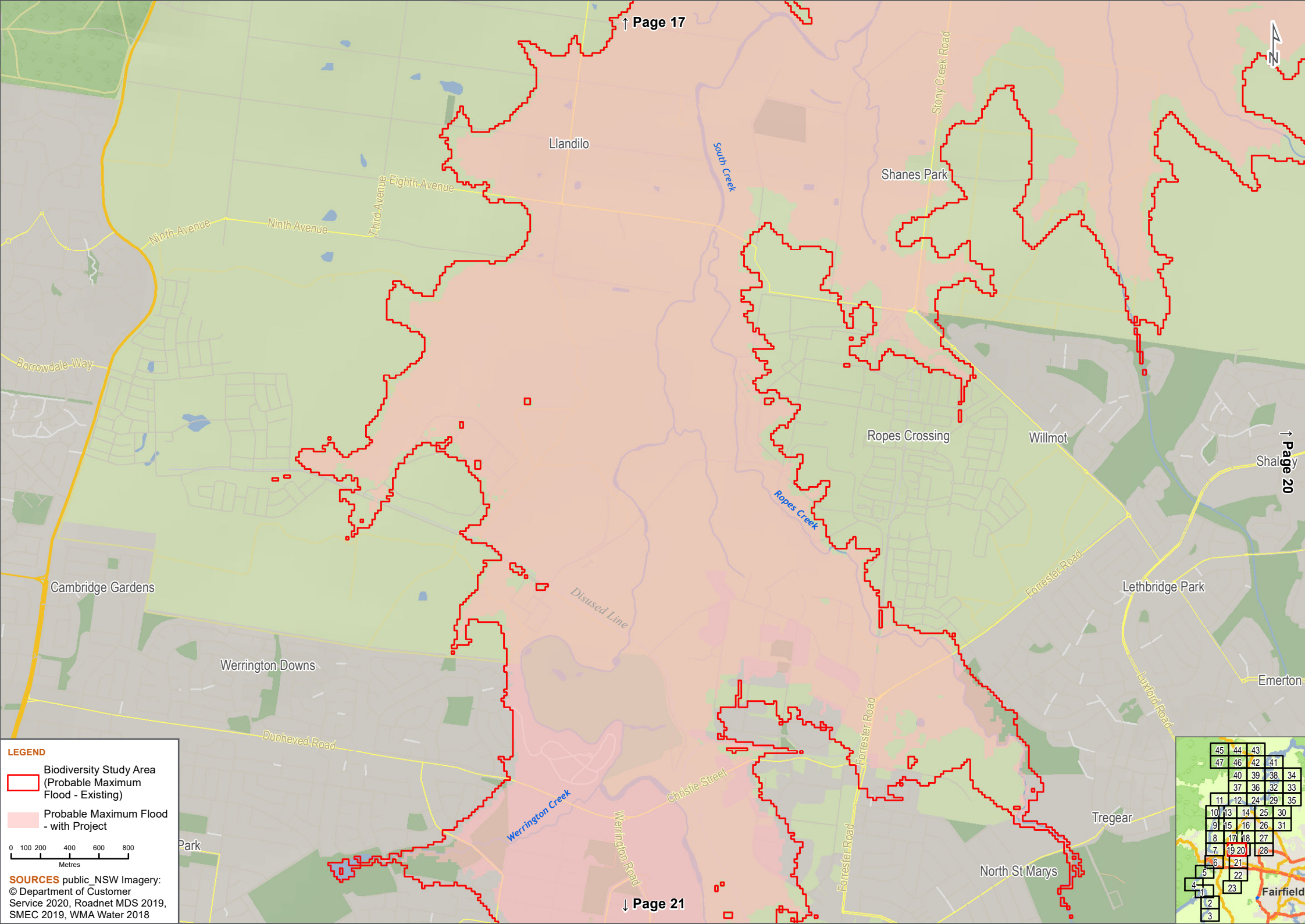
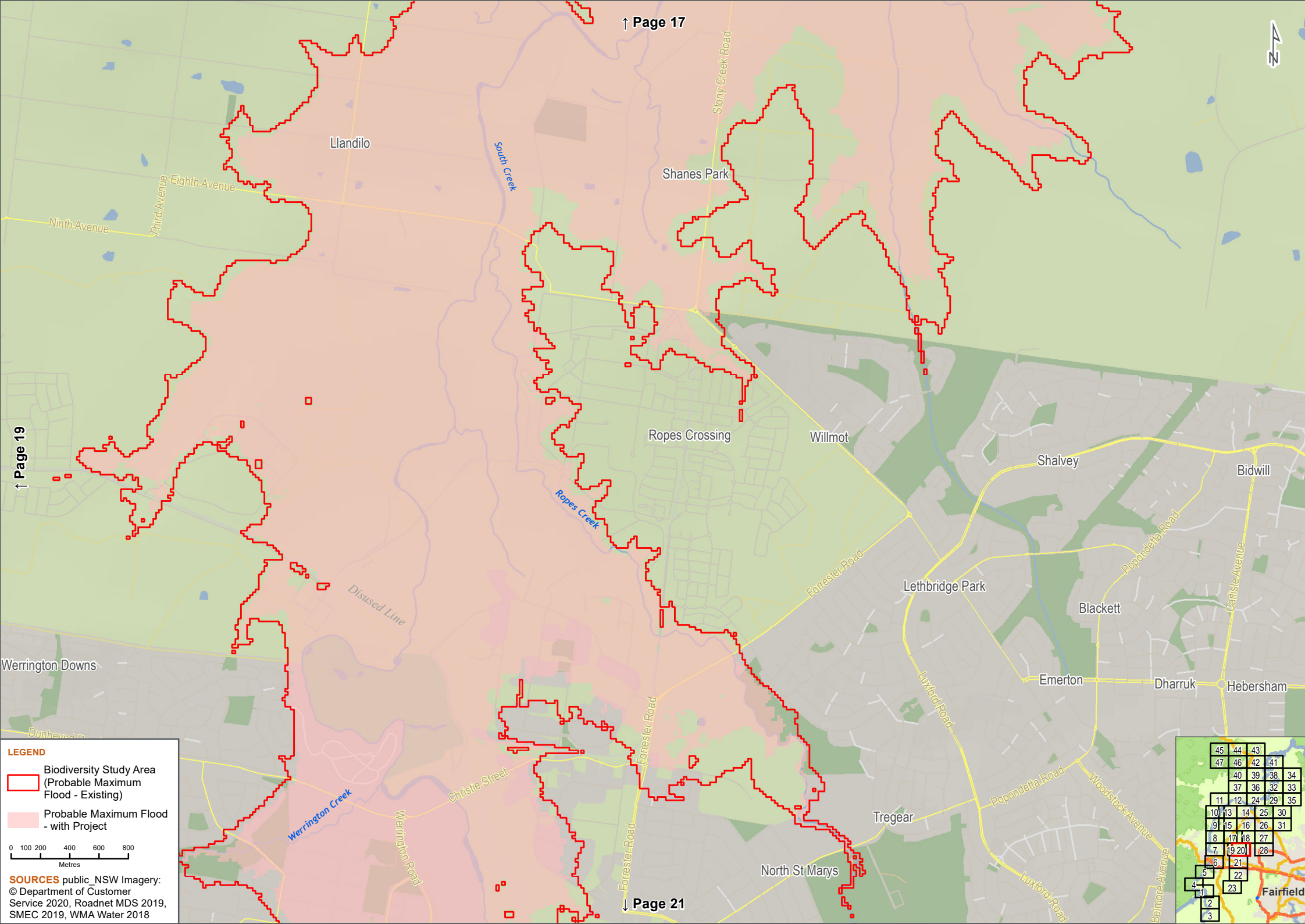

↑ Page 17
Llandilo
South Creek
Stony Creek Road
Shanes Park
Eighth Avenue
Third Avenue
Ninth Avenue
Ninth Avenue
Borrowdale Way
Ropes Crossing
Willmot
→ Page 20
Ropes Creek
Cambridge Gardens
Disused Line
Forrester Road
Lethbridge Park
Werrington Downs
Emerton
Luxford Road
Dunheved Road
Werrington Creek
Christie Street
Forrester Road
Werrington Road
Tregear
Forrester Road
North St Marys
Fairfield
↓ Page 21
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


↑ Page 17
← Page 19
↓ Page 21
Llandilo
Shanes Park
Ropes Crossing
Willmot
Shalvey
Bidwill
Lethbridge Park
Blackett
Emerton
Dharruk
Hebersham
Tregear
North St Marys
Werrington Downs
Eighth Avenue
Ninth Avenue
Third Avenue
South Creek
Stony Creek Road
Ropes Creek
Disused Line
Forrester Road
Luxford Road
Poppondetta Road
Carlisle Avenue
Woodstock Avenue
Belmore Avenue
Christie Street
Werrington Road
Werrington Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
0 100 200 400 600 800
Metres
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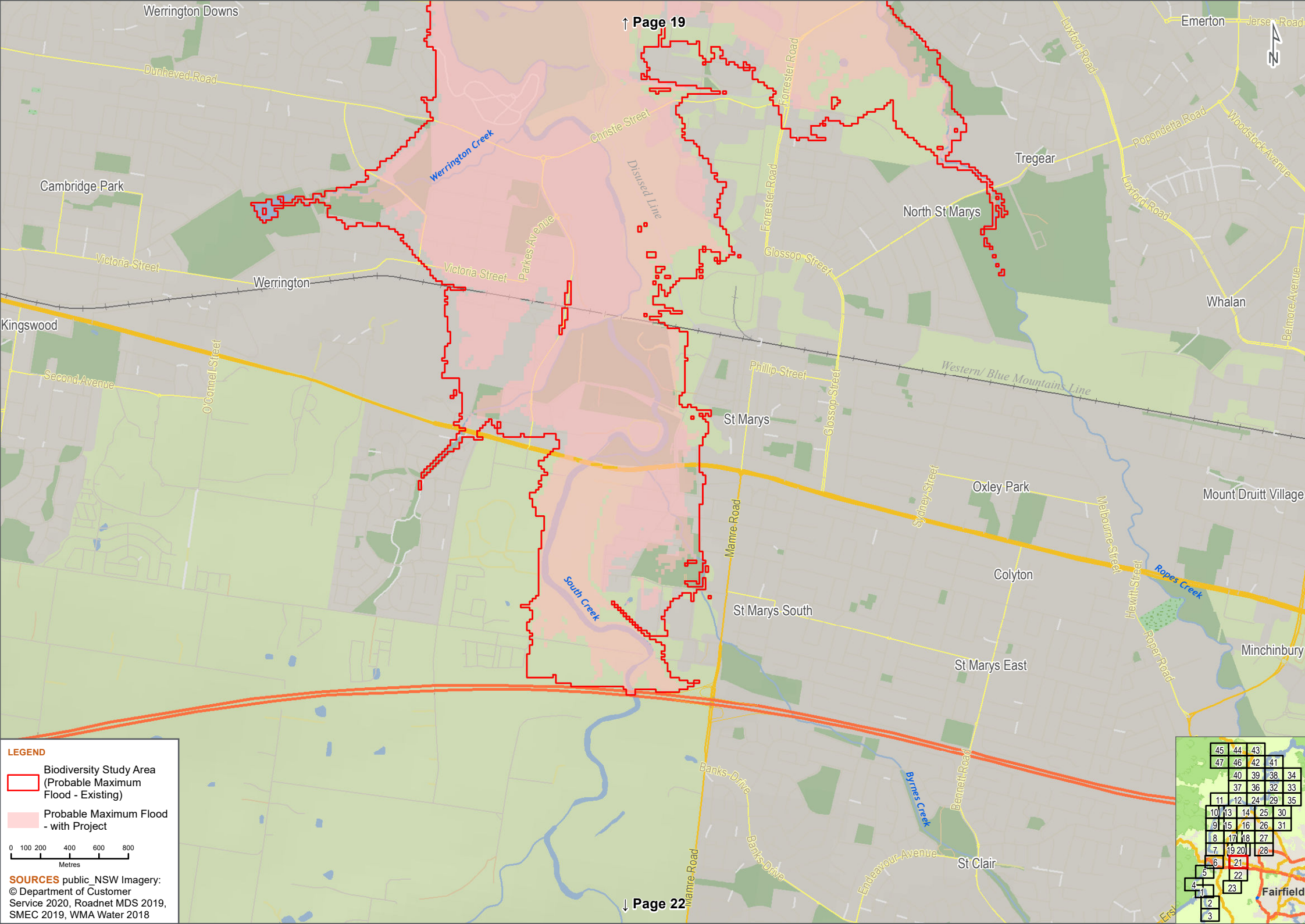
↑ Page 19
Werrington Downs
Emerton
Jersey Road
Dunheved Road
Luxford Road
Forrester Road
Christie Street
Poponetta Road
Woodstock Avenue
Werrington Creek
Disused Line
Tregear
Cambridge Park
Luxford Road
North St Marys
Victoria Street
Parkes Avenue
Glossop Street
Werrington
Whalan
Belmore Avenue
Kingswood
Second Avenue
O'Connell Street
Phillip Street
Western/ Blue Mountains Line
St Marys
Glossop Street
Oxley Park
Mount Druitt Village
Sydney Street
Mamre Road
Melbourne Street
Hewitt Street
Ropes Creek
Colyton
South Creek
St Marys South
Roper Road
Minchinbury
St Marys East
Banks Drive
Byrnes Creek
Bennett Road
Endeavour Avenue
St Clair
Fairfield
↓ Page 22
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
0 100 200 400 600 800
Metres
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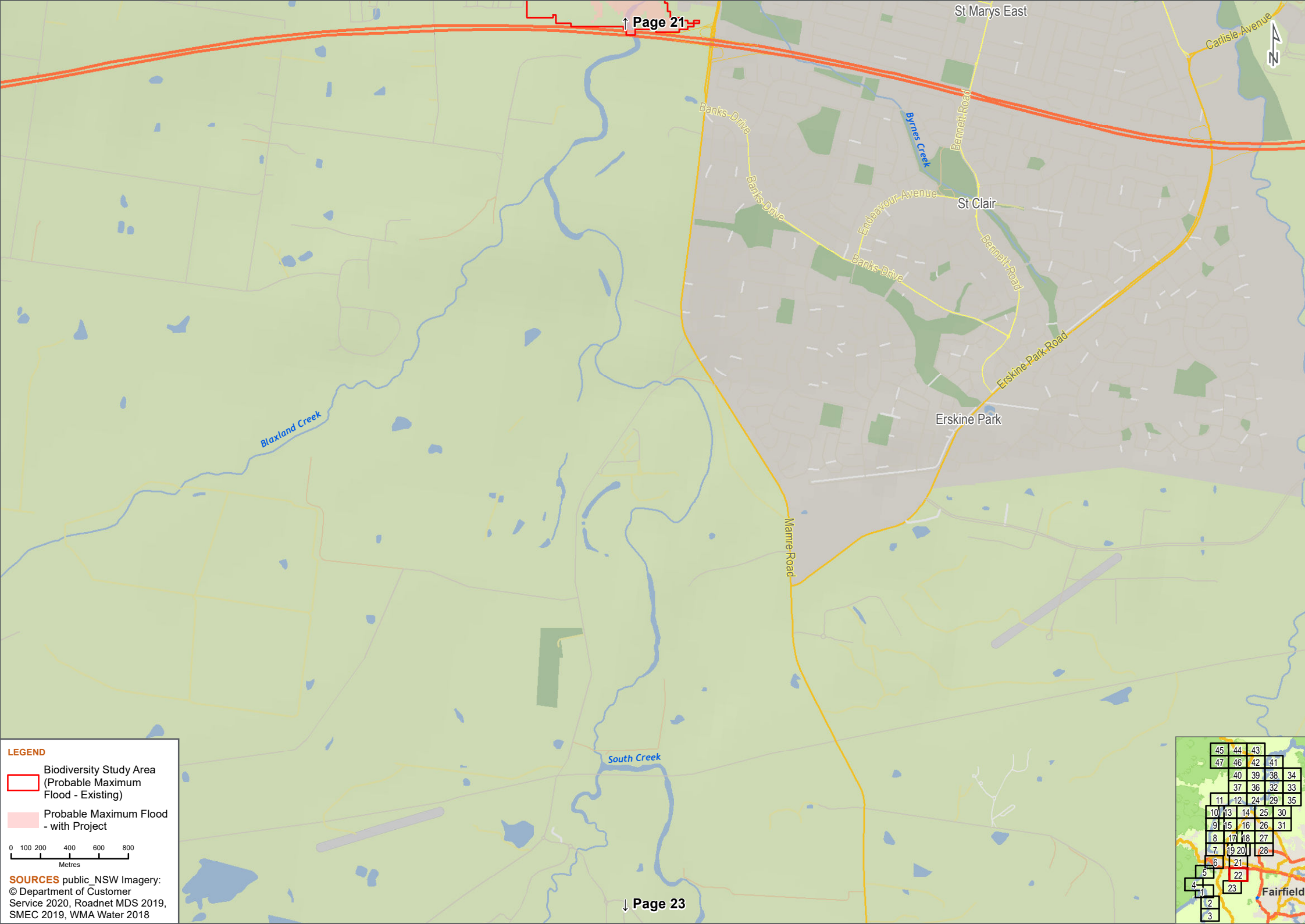
↑ Page 21
St Marys East
Carlisle Avenue
N
Banks Drive
Byrnes Creek
Bennett Road
Endeavour Avenue
St Clair
Erskine Park Road
Erskine Park
Blaxland Creek
Mamre Road
South Creek
↓ Page 23
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
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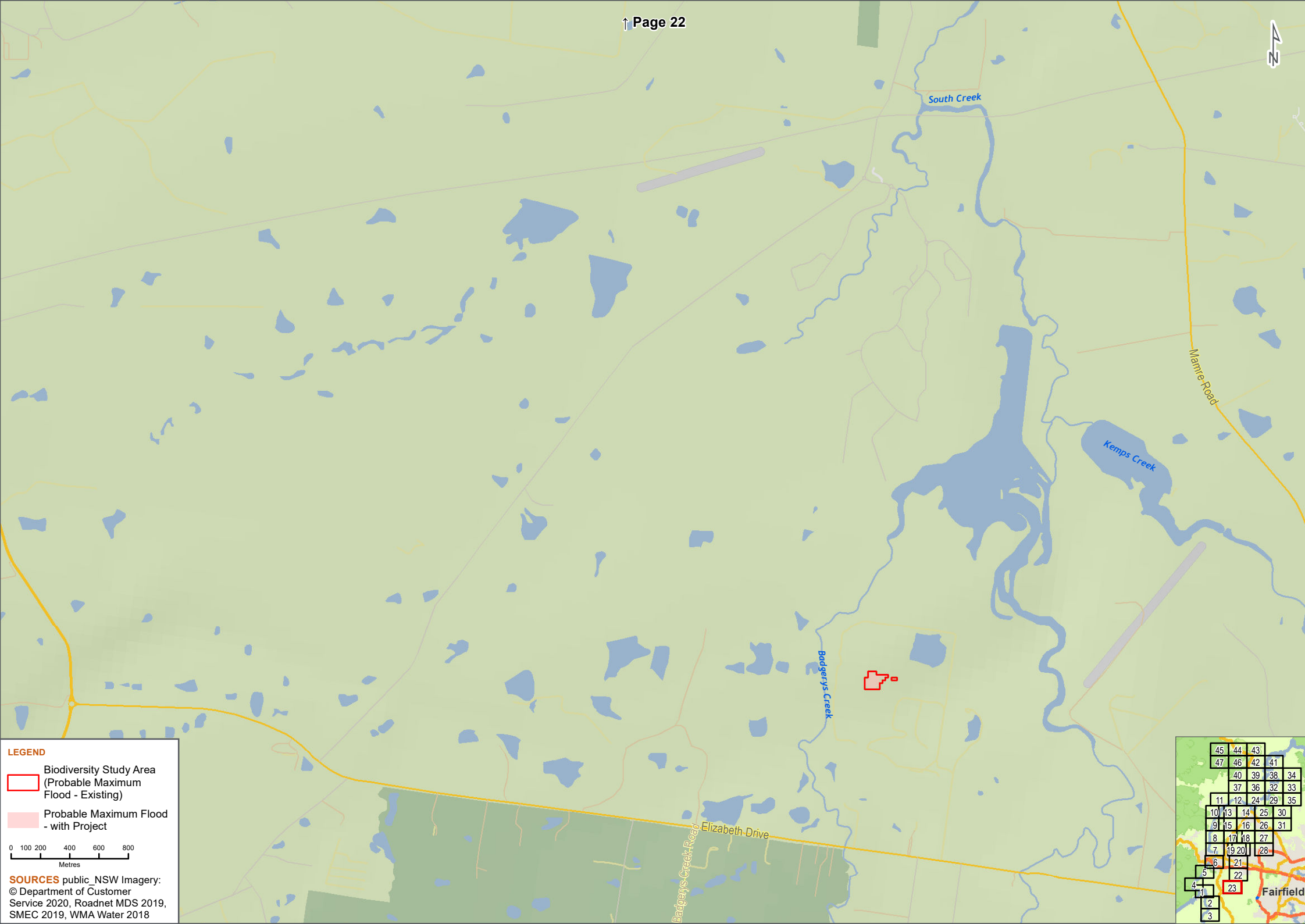
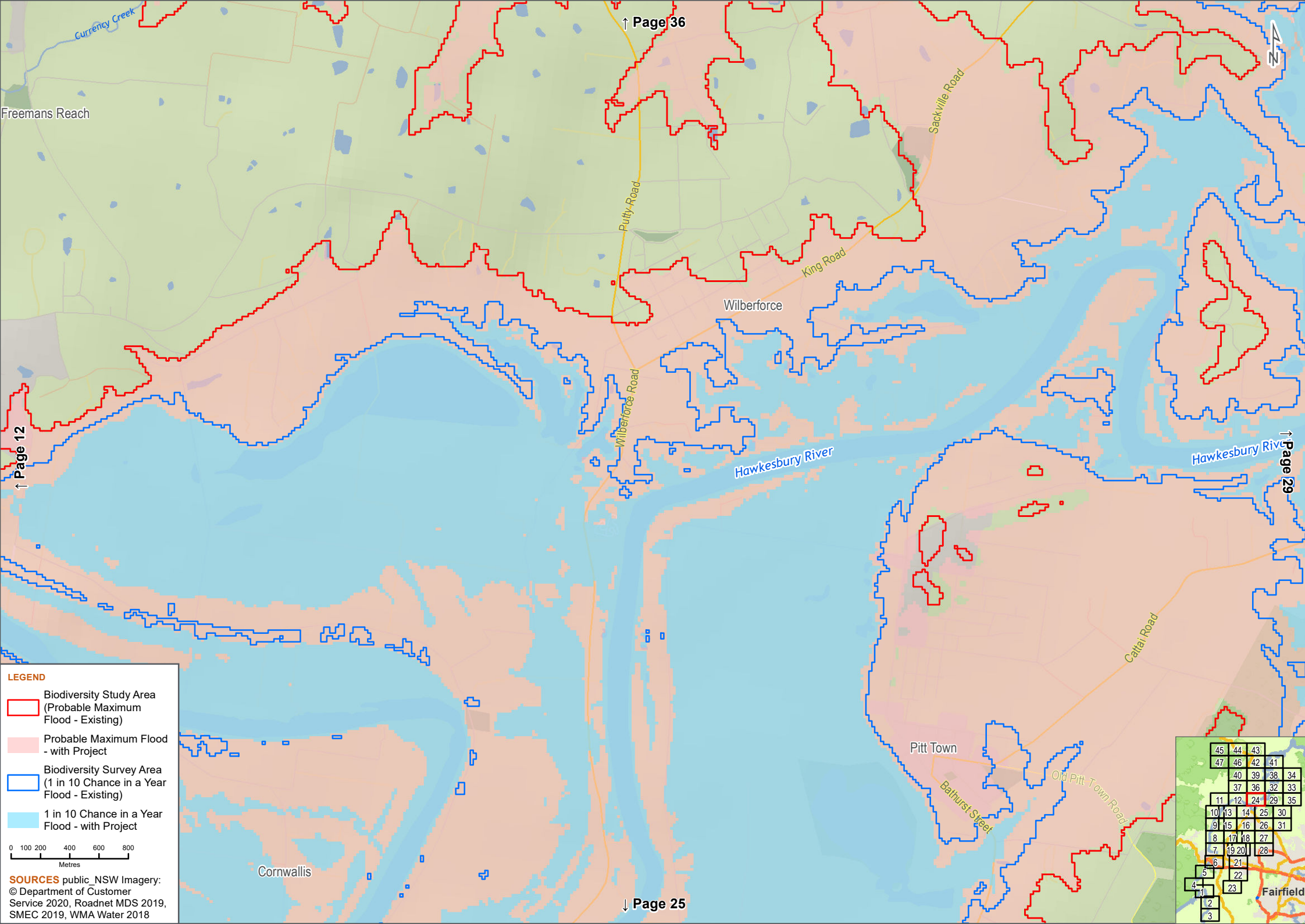
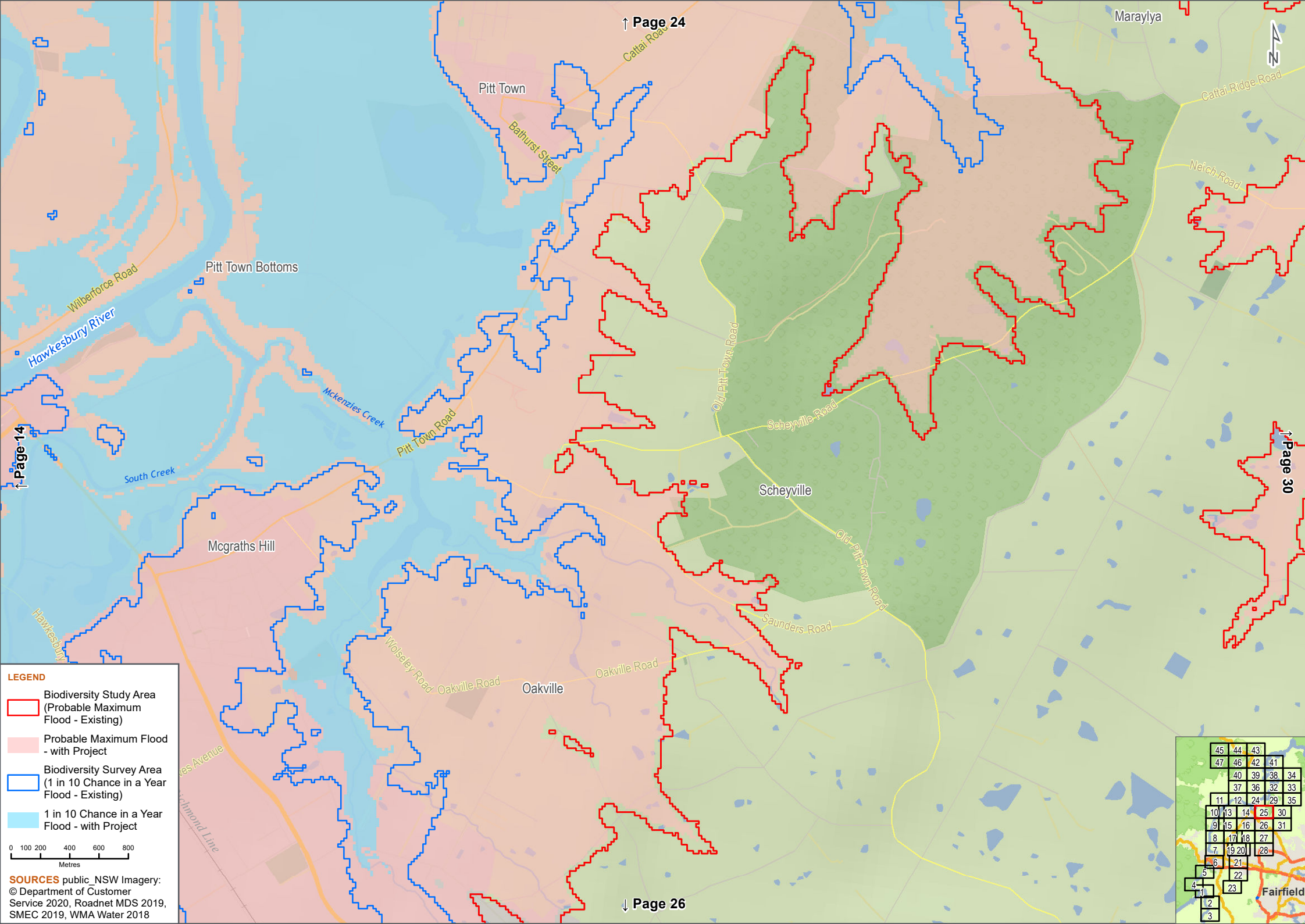
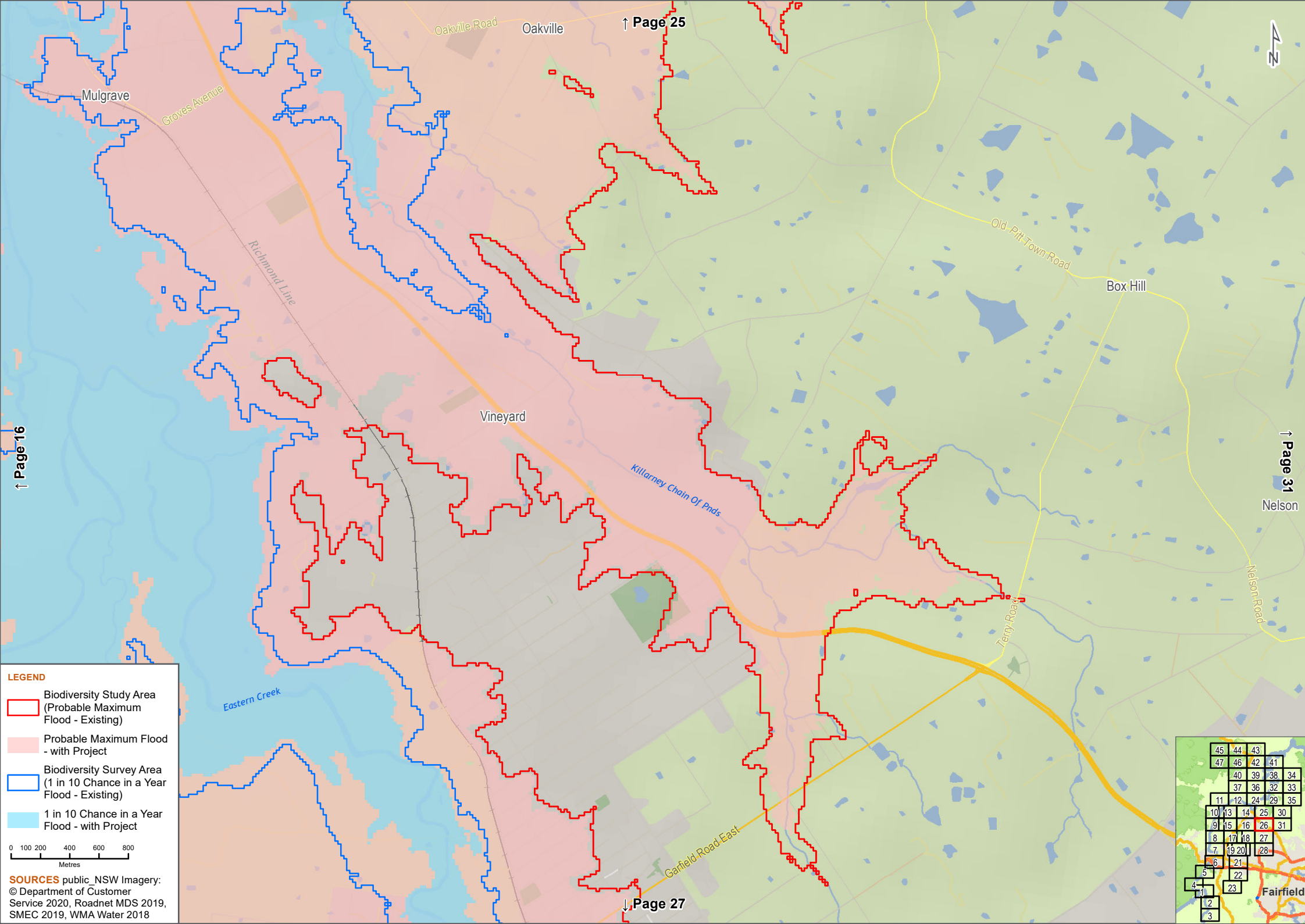
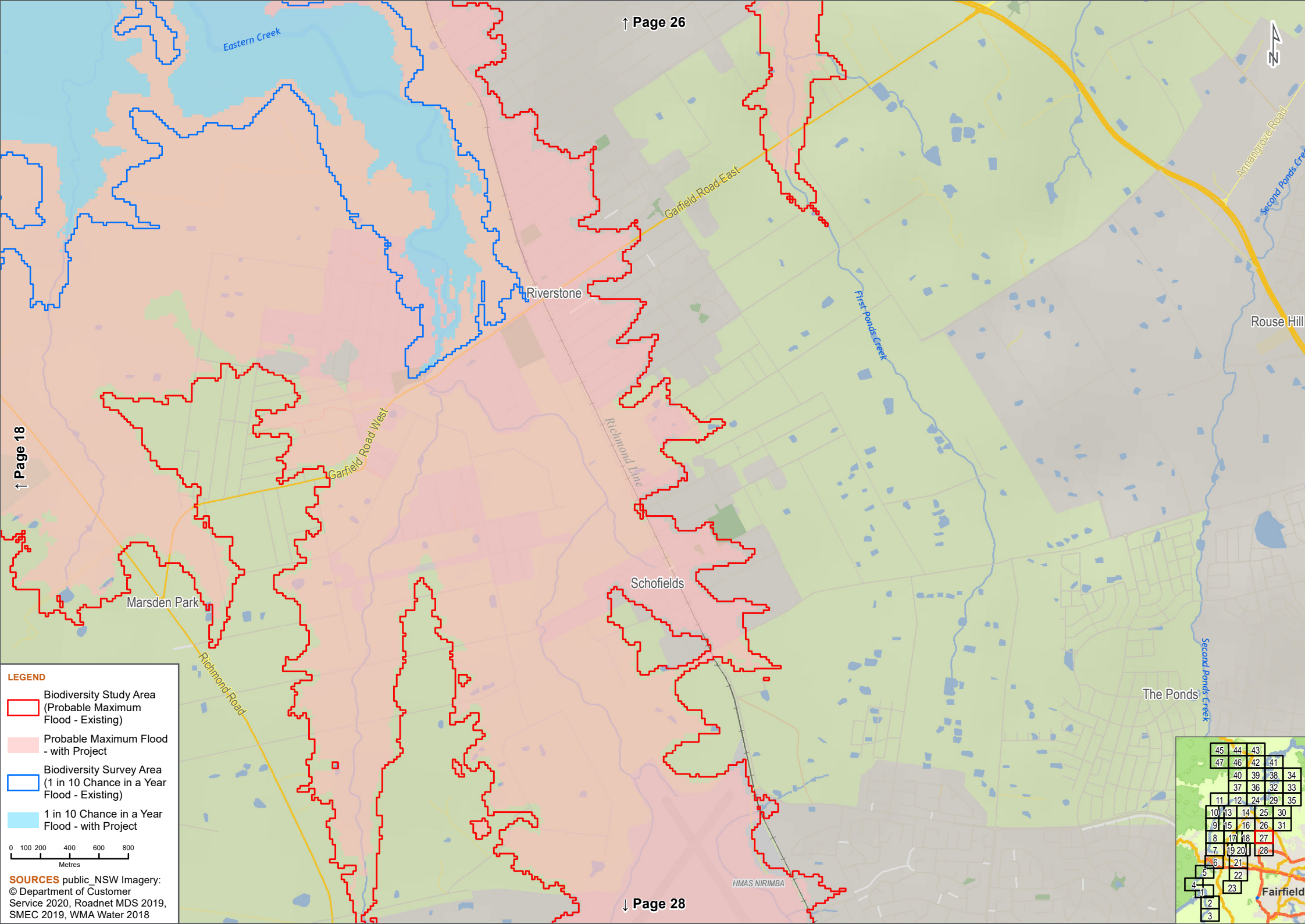

South Creek
Mamre Road
Kemps Creek
Badgerys Creek
Elizabeth Drive
Badgerys Creek Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

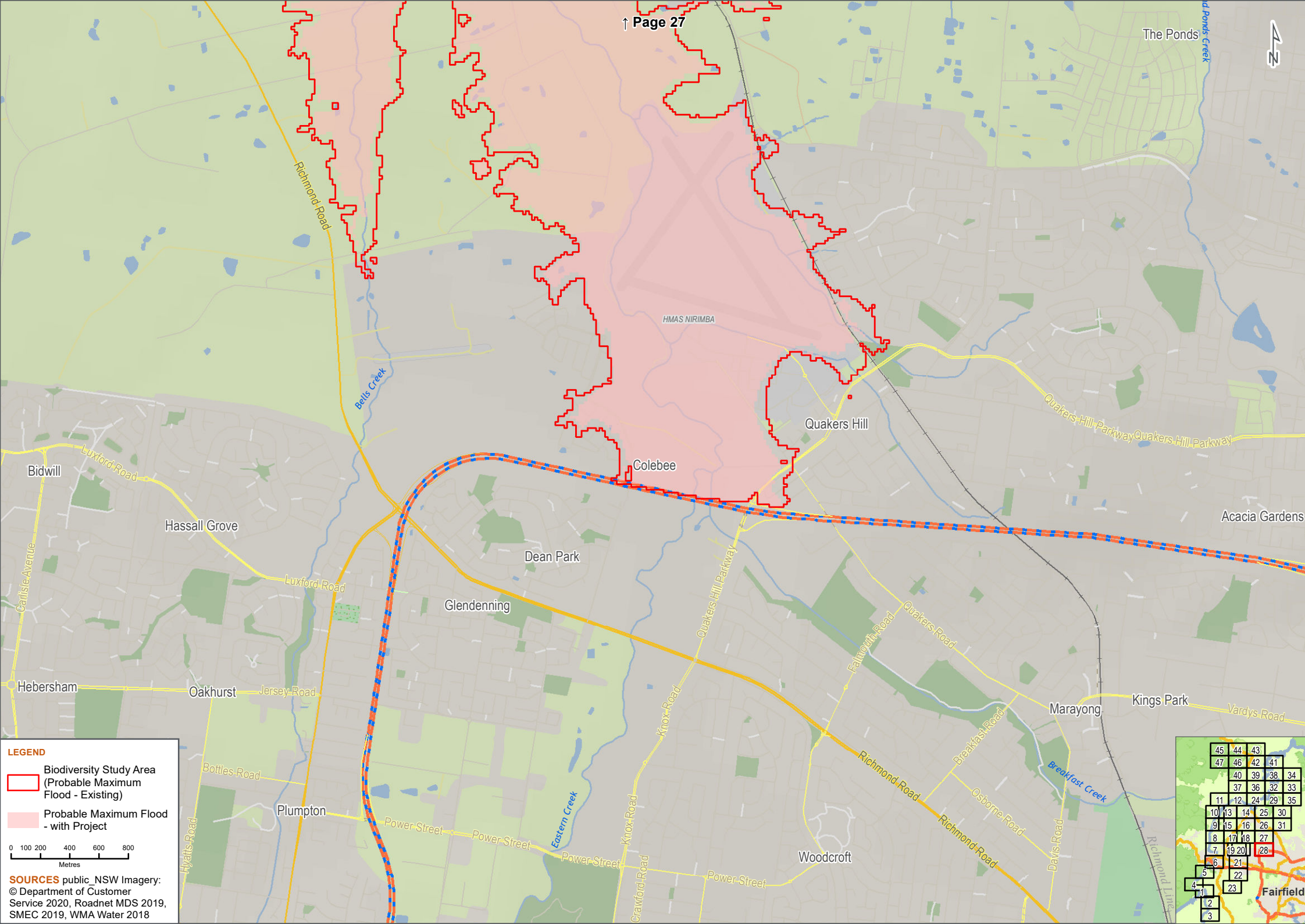

↑ Page 36
Currency Creek
Freemans Reach
Putty Road
Sackville Road
King Road
Wilberforce
Wilberforce Road
Hawkesbury River
Hawkesbury River
← Page 12
→ Page 29
Cattai Road
Pitt Town
Bathurst Street
Old Pitt Town Road
Cornwallis
↓ Page 25
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - 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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

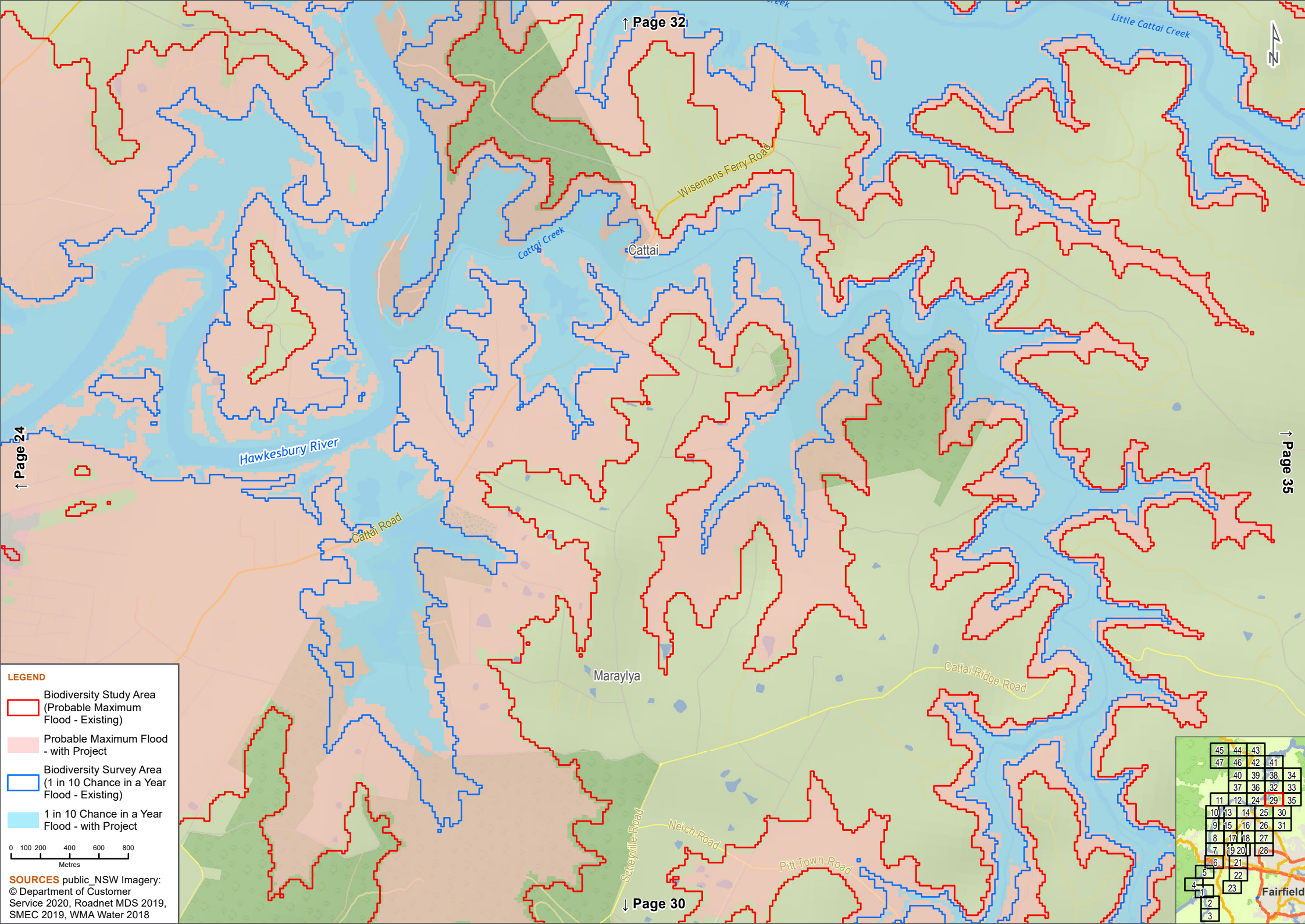

↑ Page 24
Maraylya
Pitt Town
Cattai Road
Bathurst Street
Cattai Ridge Road
Neich Road
Pitt Town Bottoms
Wilberforce Road
Hawkesbury River
Mckenzies Creek
Old Pitt Town Road
Scheyville Road
Pitt Town Road
↑ Page 14
South Creek
Scheyville
↑ Page 30
Mcgraths Hill
Old Pitt Town Road
Saunders Road
Hawkesbury
Wolseley Road
Oakville Road
Oakville
Oakville Road
Fairfield
↓ 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)
1 in 10 Chance in a Year 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

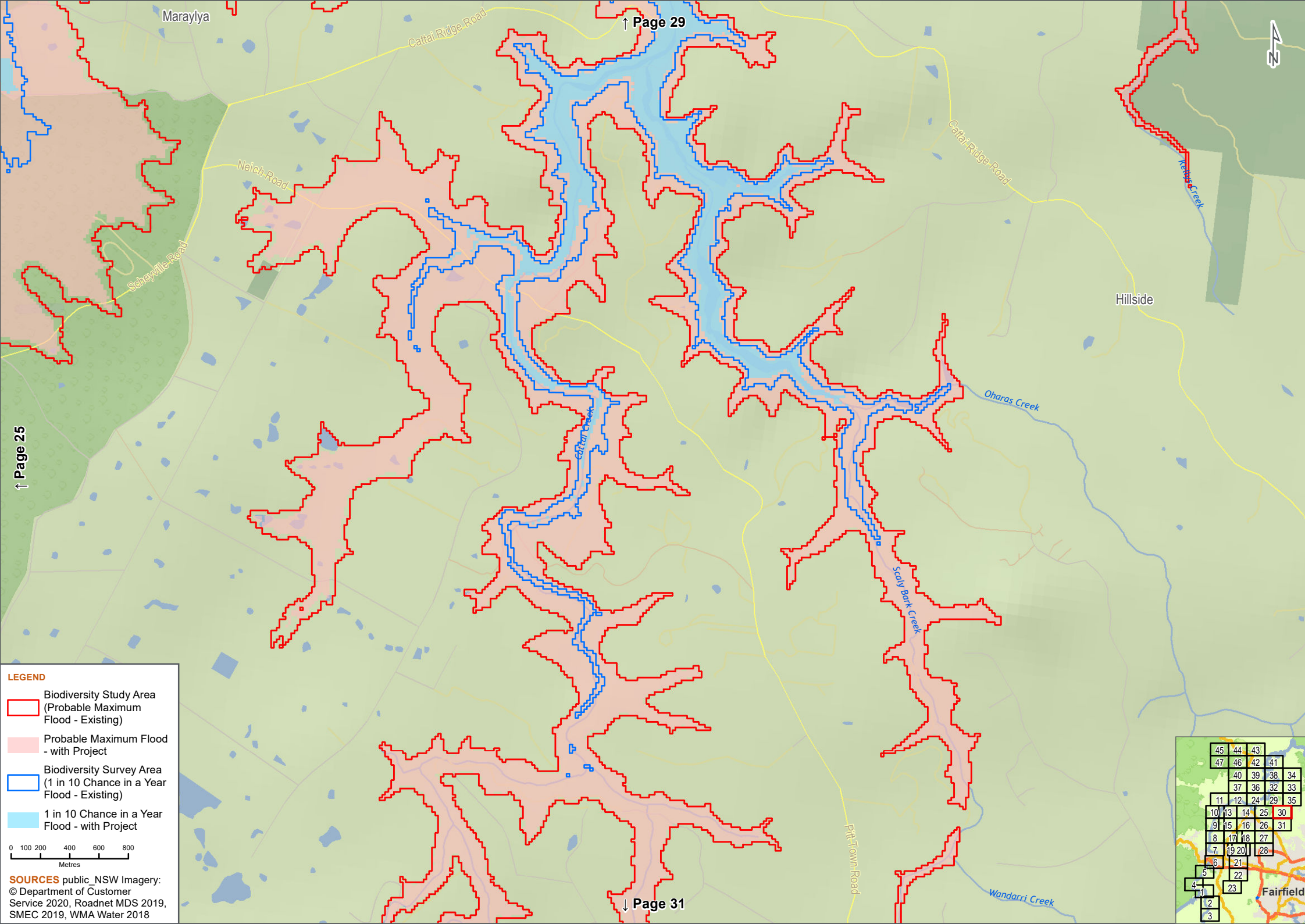

↑ Page 25
Oakville Road
Oakville
Mulgrave
Groves Avenue
Richmond Line
Old Pitt Town Road
Box Hill
Vineyard
Killarney Chain Of Pnds
↑ Page 16
↑ Page 31
Nelson
Nelson Road
Terry Road
Eastern Creek
Garfield Road East
↓ Page 27
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

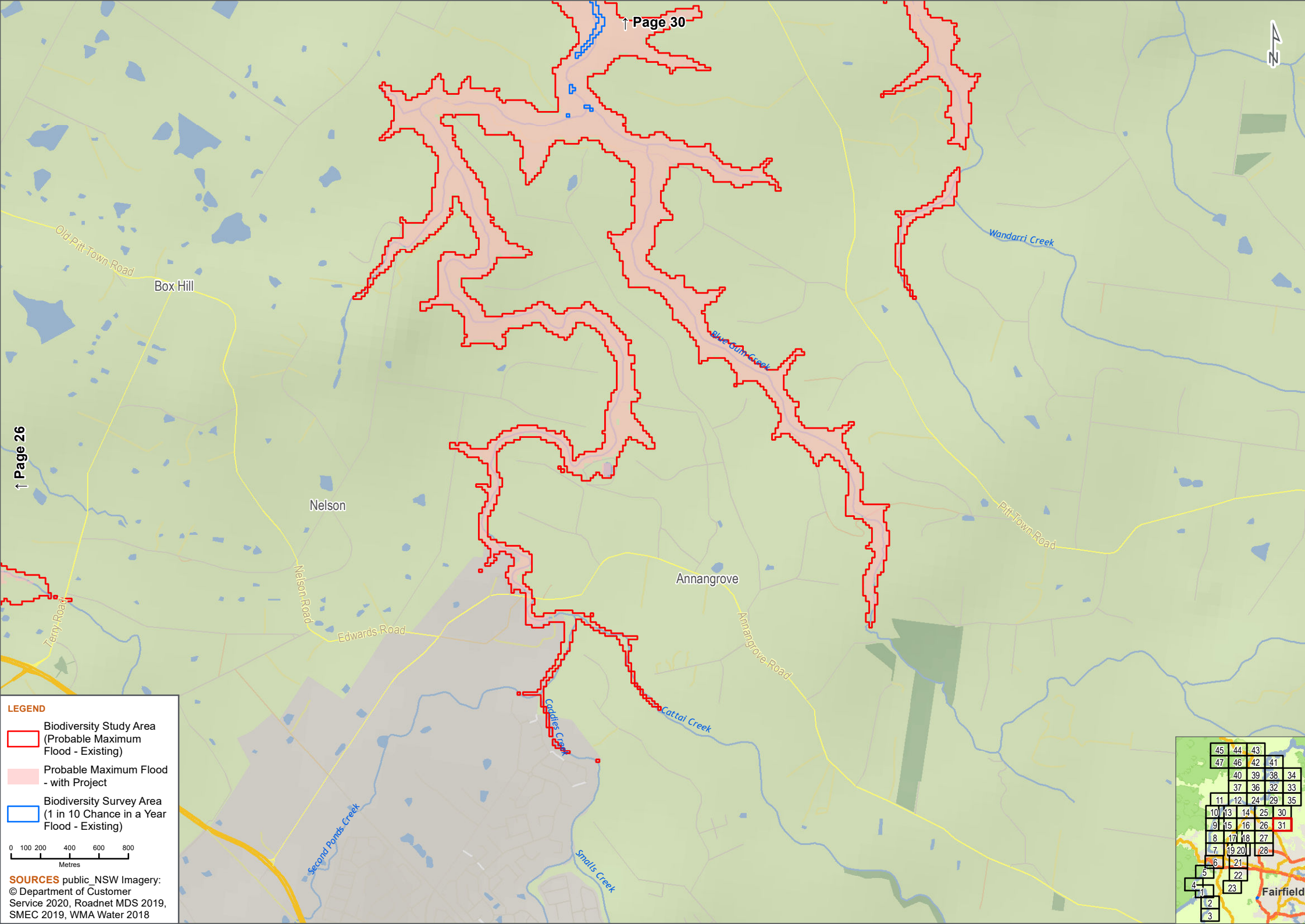

↑ Page 26
← Page 18
↓ Page 28
Eastern Creek
Garfield Road East
Garfield Road West
Richmond Line
Richmond Road
Riverstone
Marsden Park
Schofields
First Ponds Creek
Second Ponds Creek
Annangrove Road
Rouse Hill
The Ponds
HMAS NIRIMBA
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

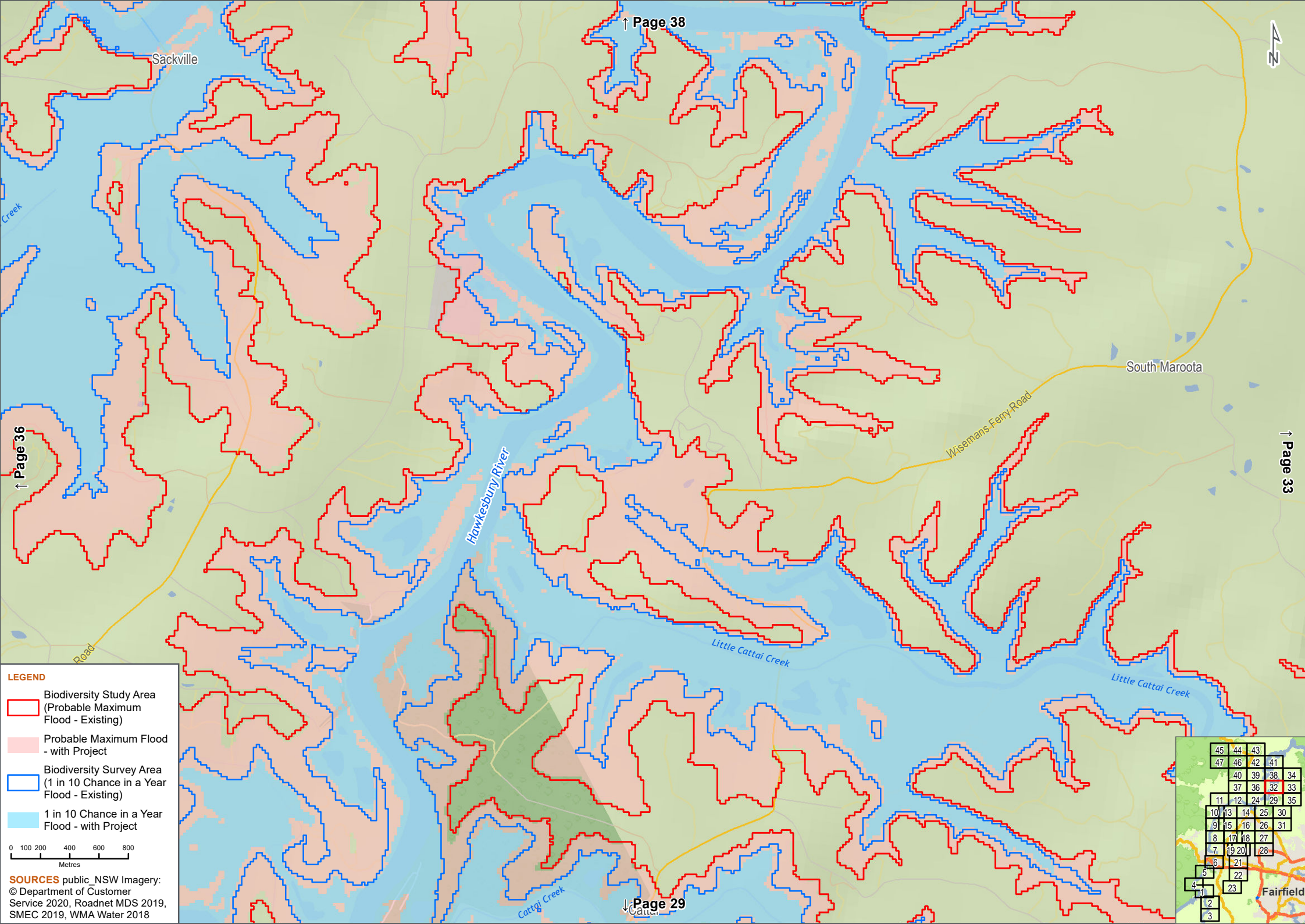
↑ Page 27

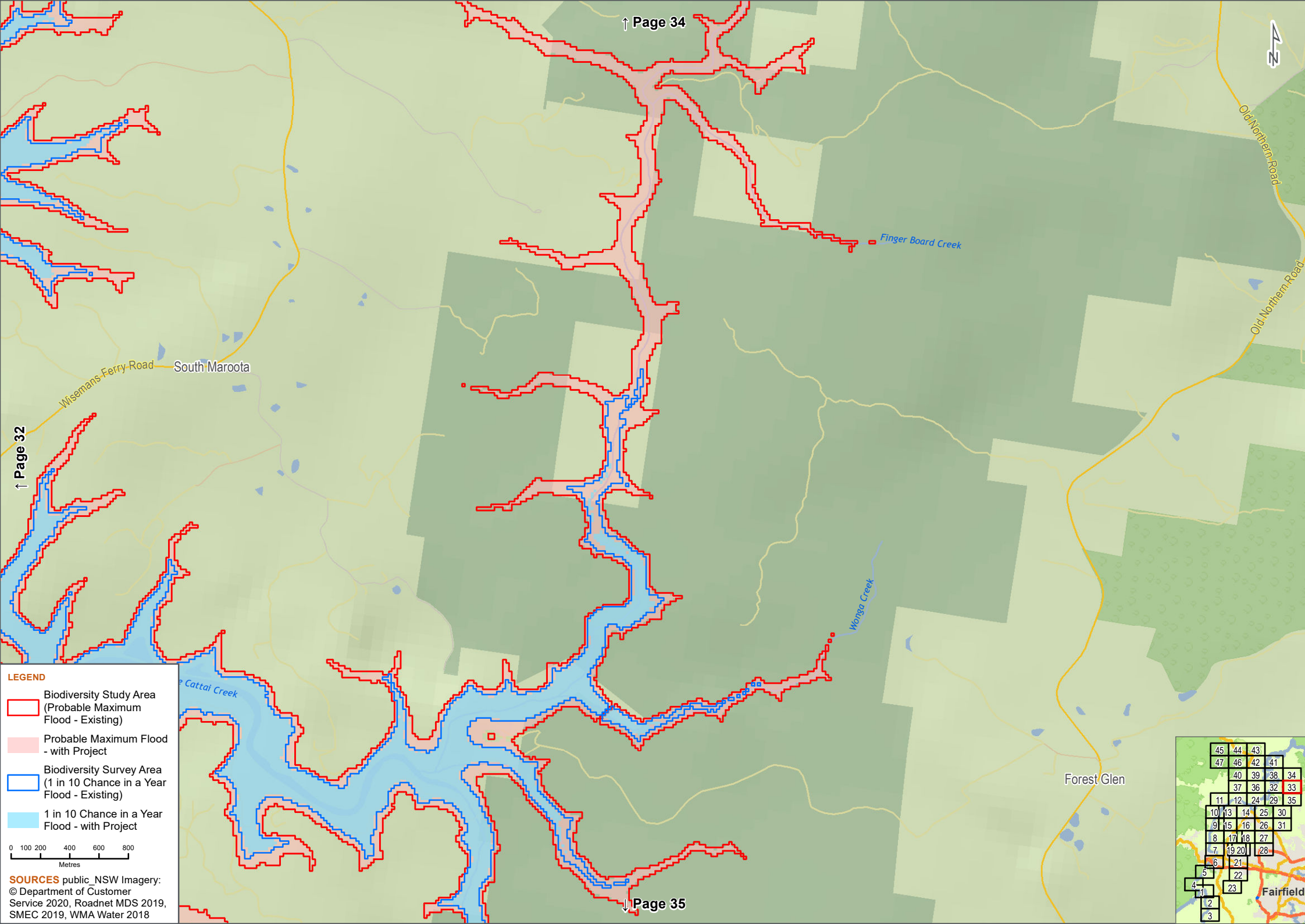

The Ponds
Richmond Road
HMAS NIRIMBA
Bells Creek
Quakers Hill
Quakers Hill Parkway
Colebee
Bidwill
Luxford Road
Hassall Grove
Acacia Gardens
Dean Park
Glendenning
Carlisle Avenue
Quakers Hill Parkway
Falmouth Road
Quakers Road
Hebersham
Oakhurst
Jersey Road
Marayong
Kings Park
Vardys Road
Knox Road
Breakfast Road
Breakfast Creek
Bottles Road
Plumpton
Power Street
Eastern Creek
Richmond Road
Osborne Road
Davis Road
Hyatts Road
Crawford Road
Woodcroft
Fairfield
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

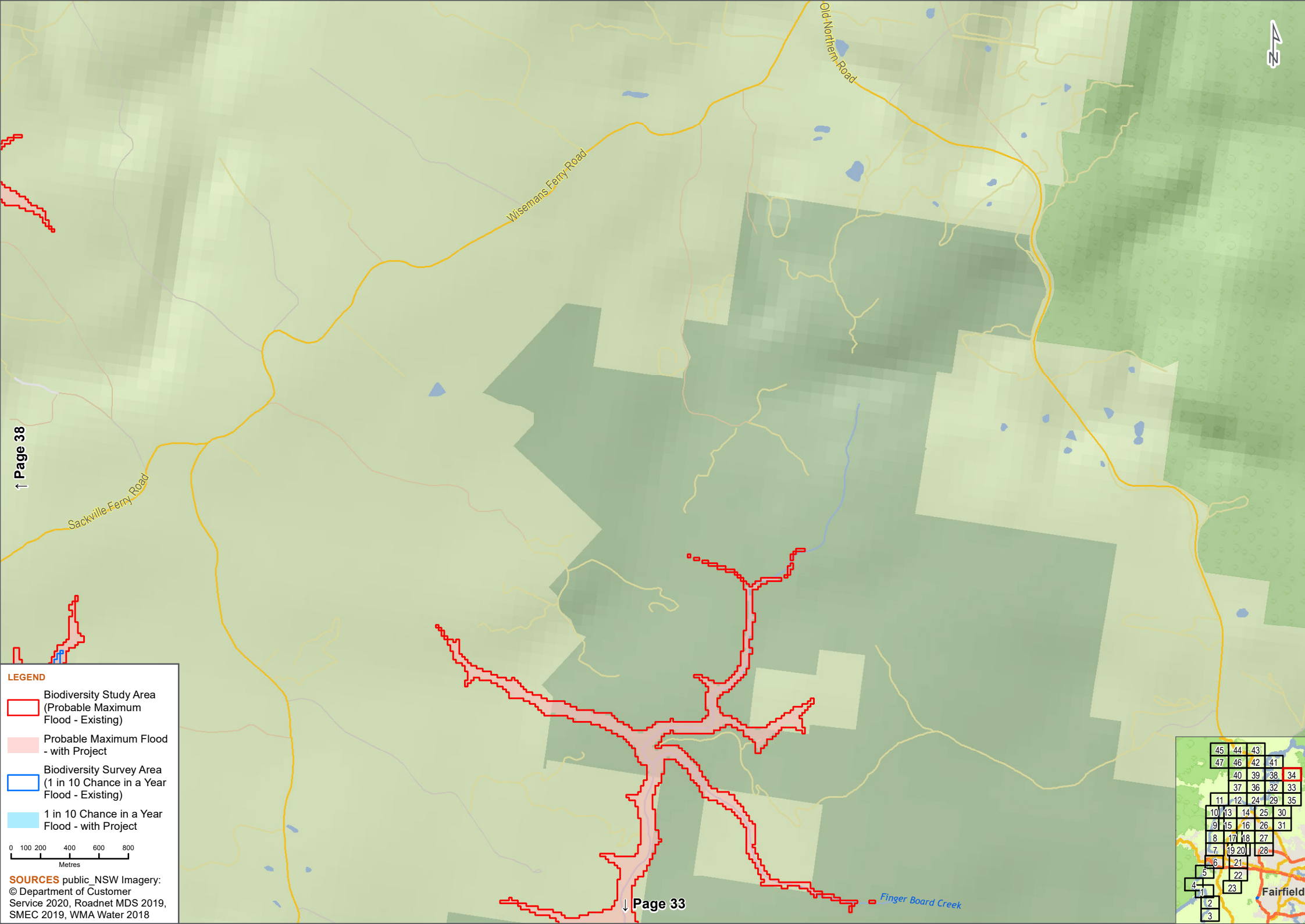

↑ Page 32
Little Cattai Creek
Wisemans Ferry Road
Cattai Creek
Cattai
← Page 24
Hawkesbury River
→ Page 35
Cattai Road
Maraylya
Cattai Ridge Road
Scheyville Road
Netch Road
Pitt Town Road
↓ Page 30
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

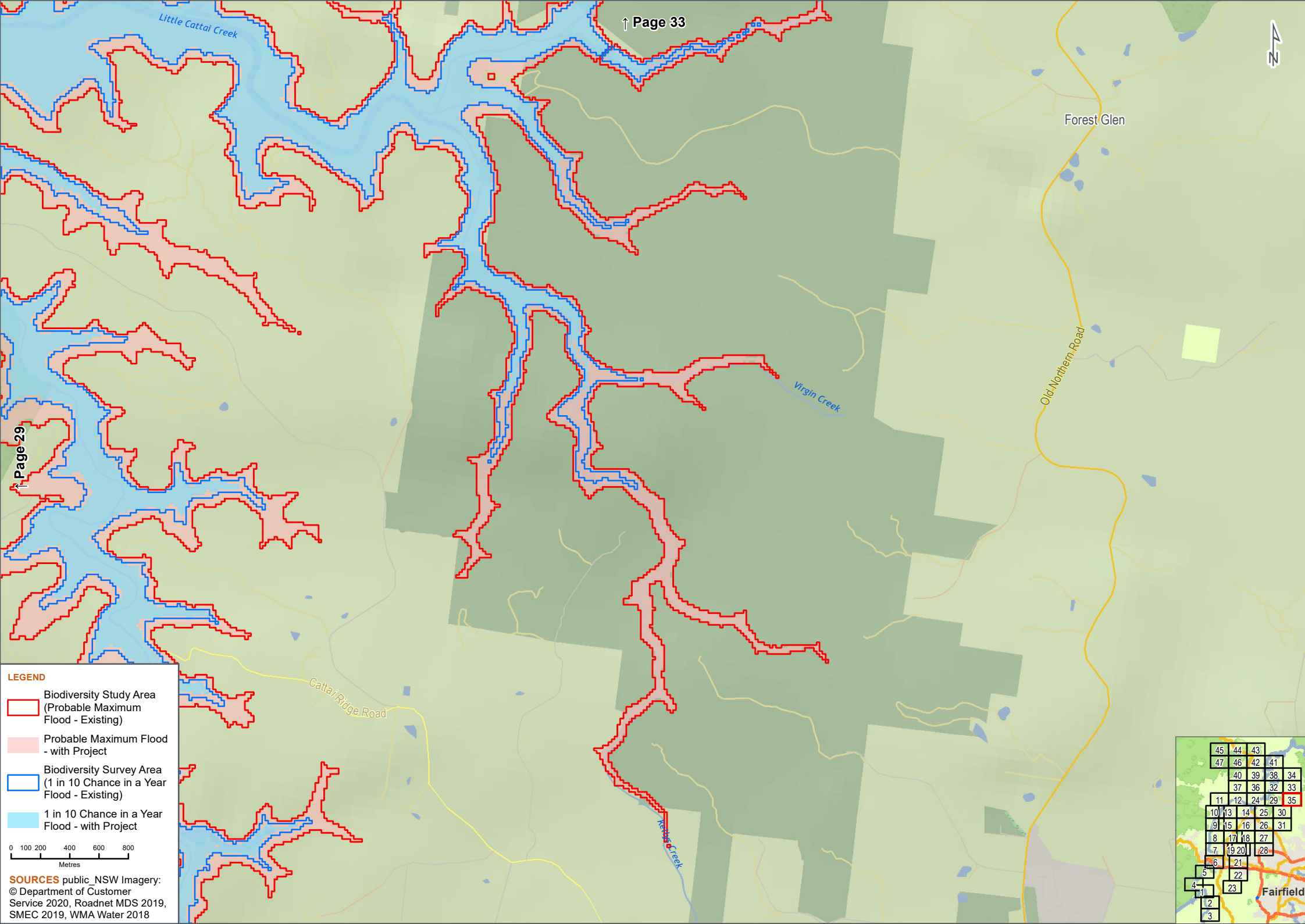

Maraylya
↑ Page 29
Cattai Ridge Road
Neich Road
Scheyville Road
Hillside
Kellys Creek
Oharas Creek
Cattai Creek
Scaly Bark Creek
Pitt Town Road
Wandarri Creek
↑ Page 25
↓ Page 31
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

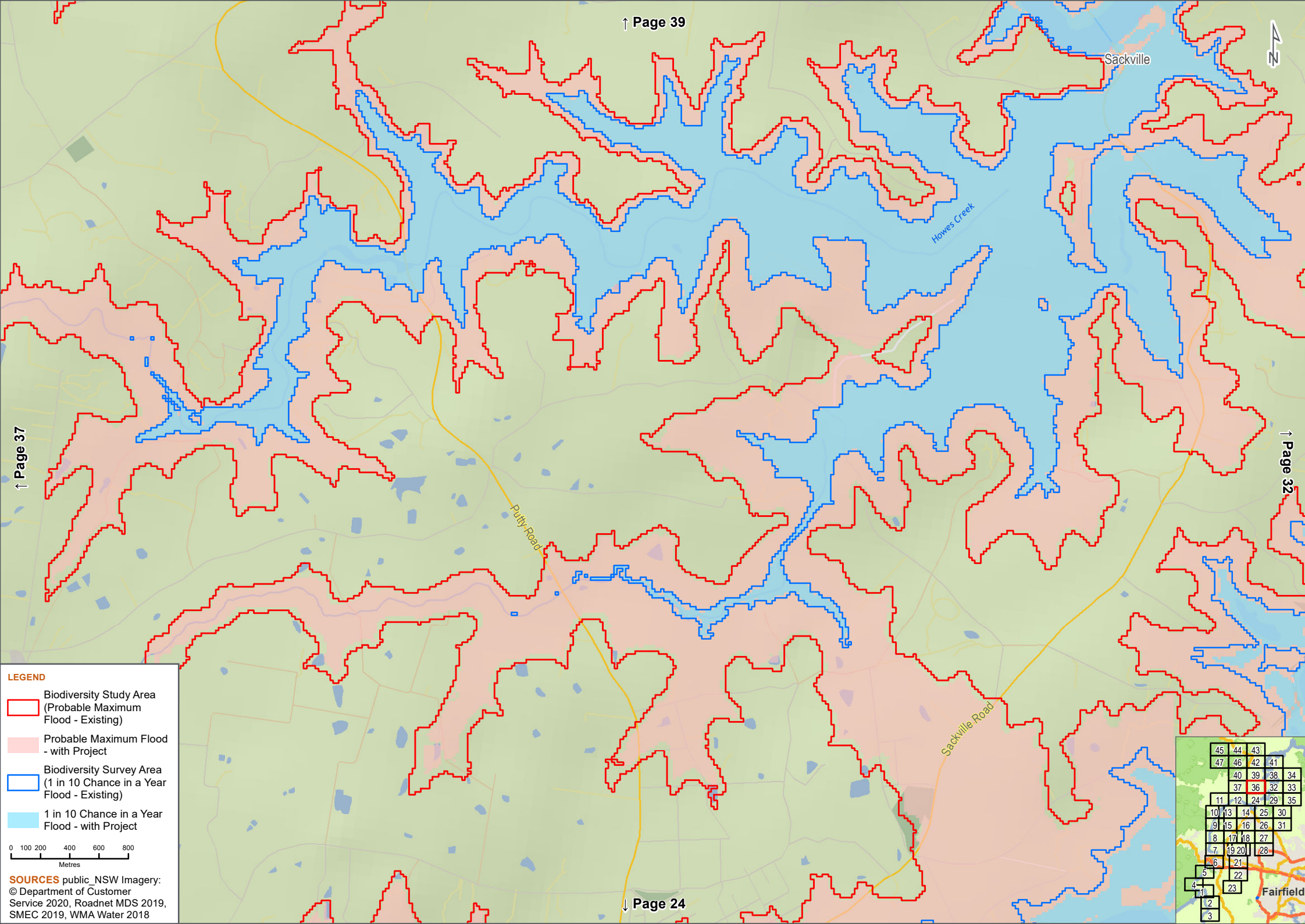

↑ Page 30
↑ Page 26
Box Hill
Nelson
Annangrove
Old Pitt Town Road
Wandarri Creek
Blue Gum Creek
Pitt Town Road
Nelson Road
Terry Road
Edwards Road
Annangrove Road
Caddies Creek
Cattai Creek
Second Ponds Creek
Smalls Creek
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
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

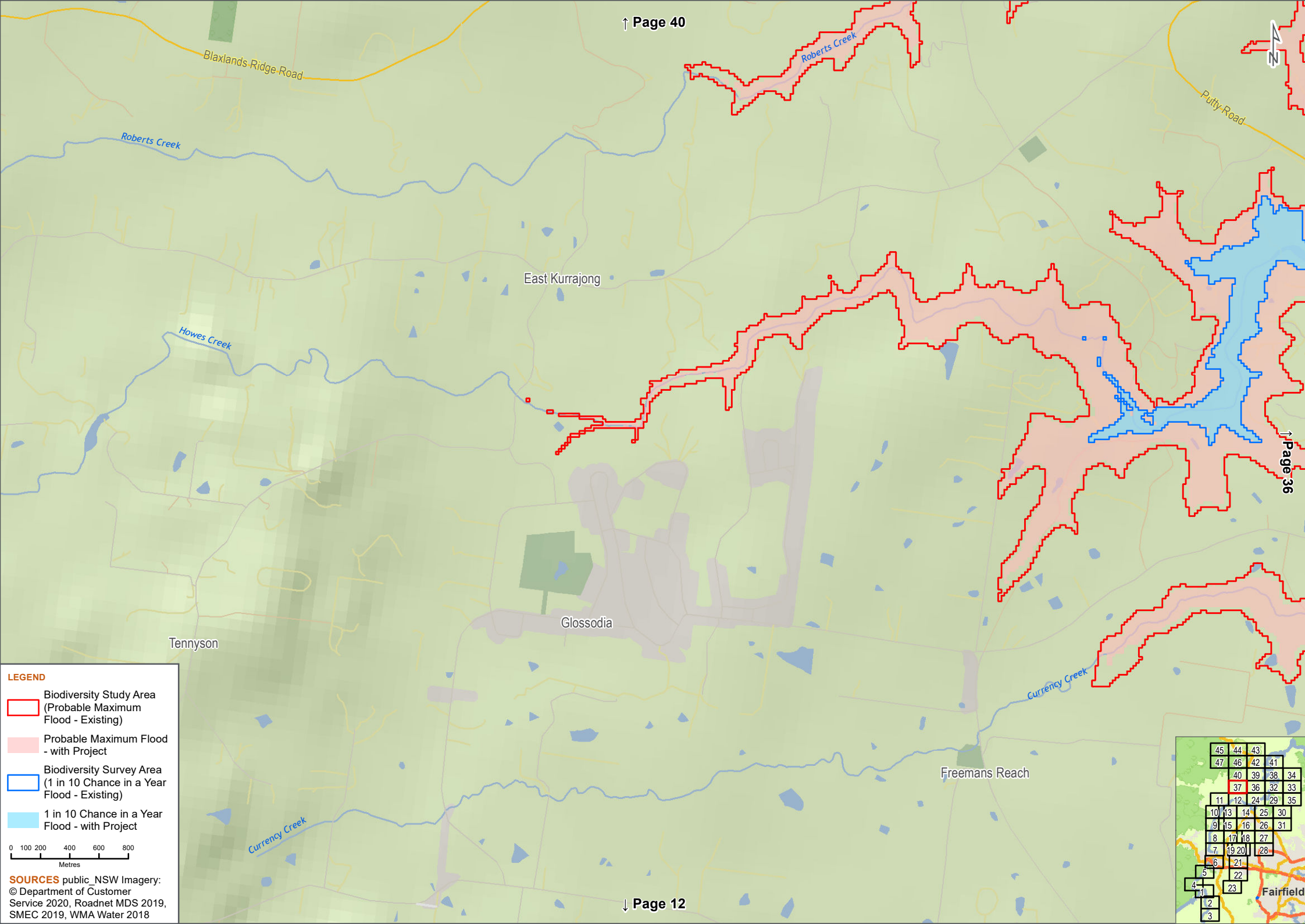

↑ Page 38
Sackville
South Maroota
Wisemans Ferry Road
Hawkesbury River
Little Cattai Creek
Little Cattai Creek
Cattai Creek
↓ Page 29
← Page 36
→ Page 33
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

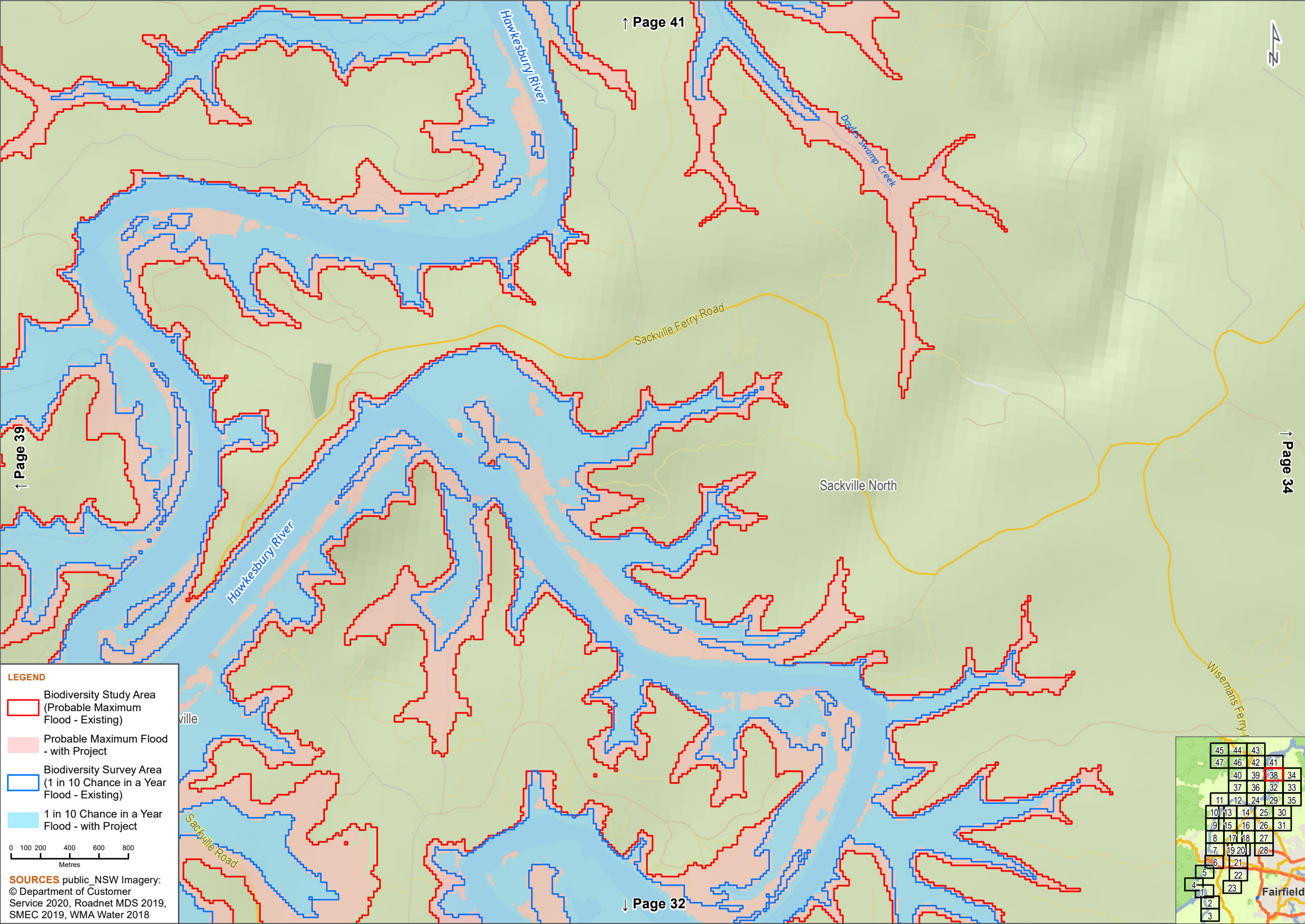

↑ Page 34
Finger Board Creek
Old Northern Road
Old Northern Road
Wisemans Ferry Road
South Maroota
↑ Page 32
Wonga Creek
Cattai Creek
Forest Glen
Fairfield
↓ Page 35
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 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: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

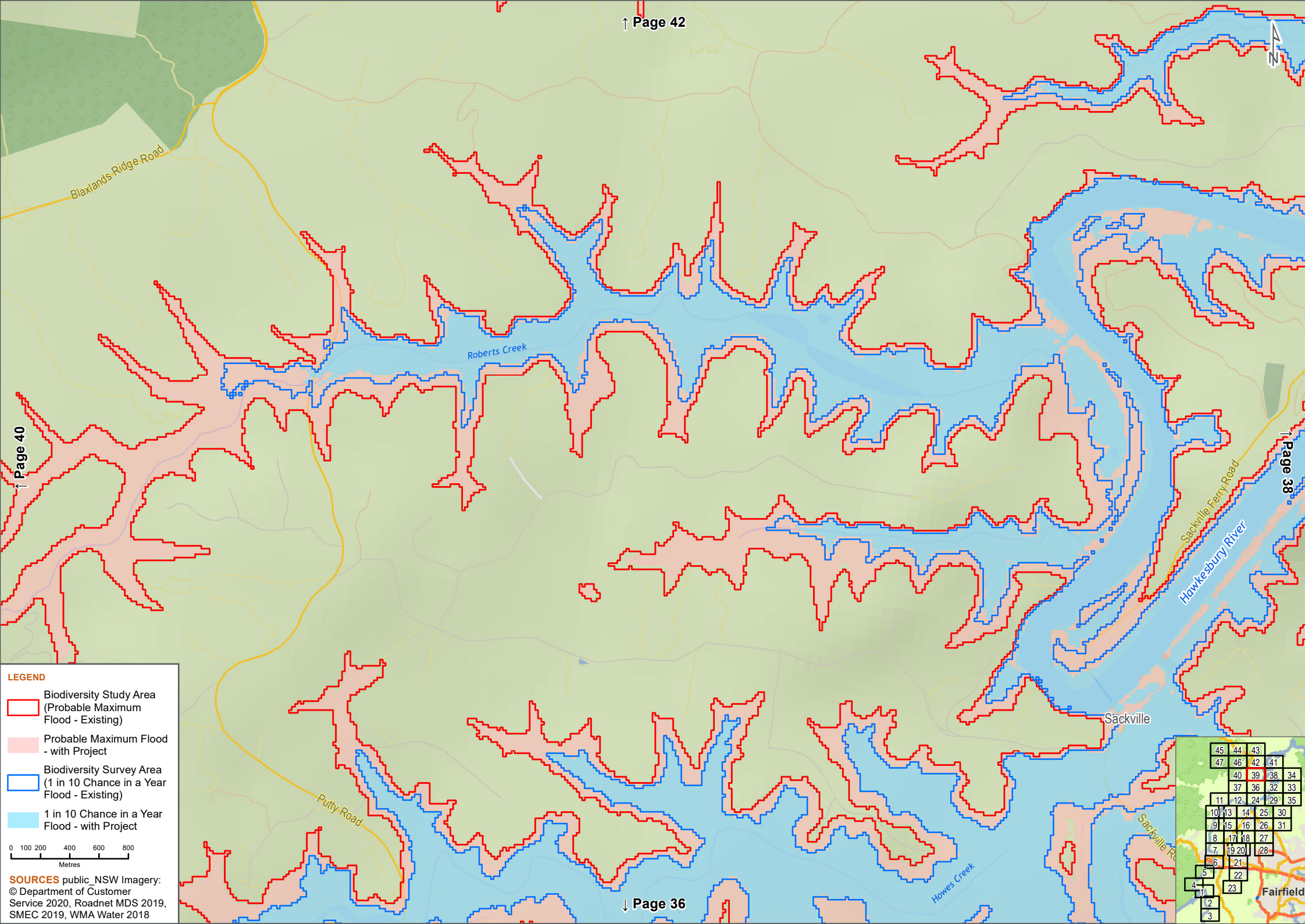

Old Northern Road
Wisemans Ferry Road
Sackville Ferry Road
Finger Board Creek
Page 38
Page 33
N
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018
Fairfield

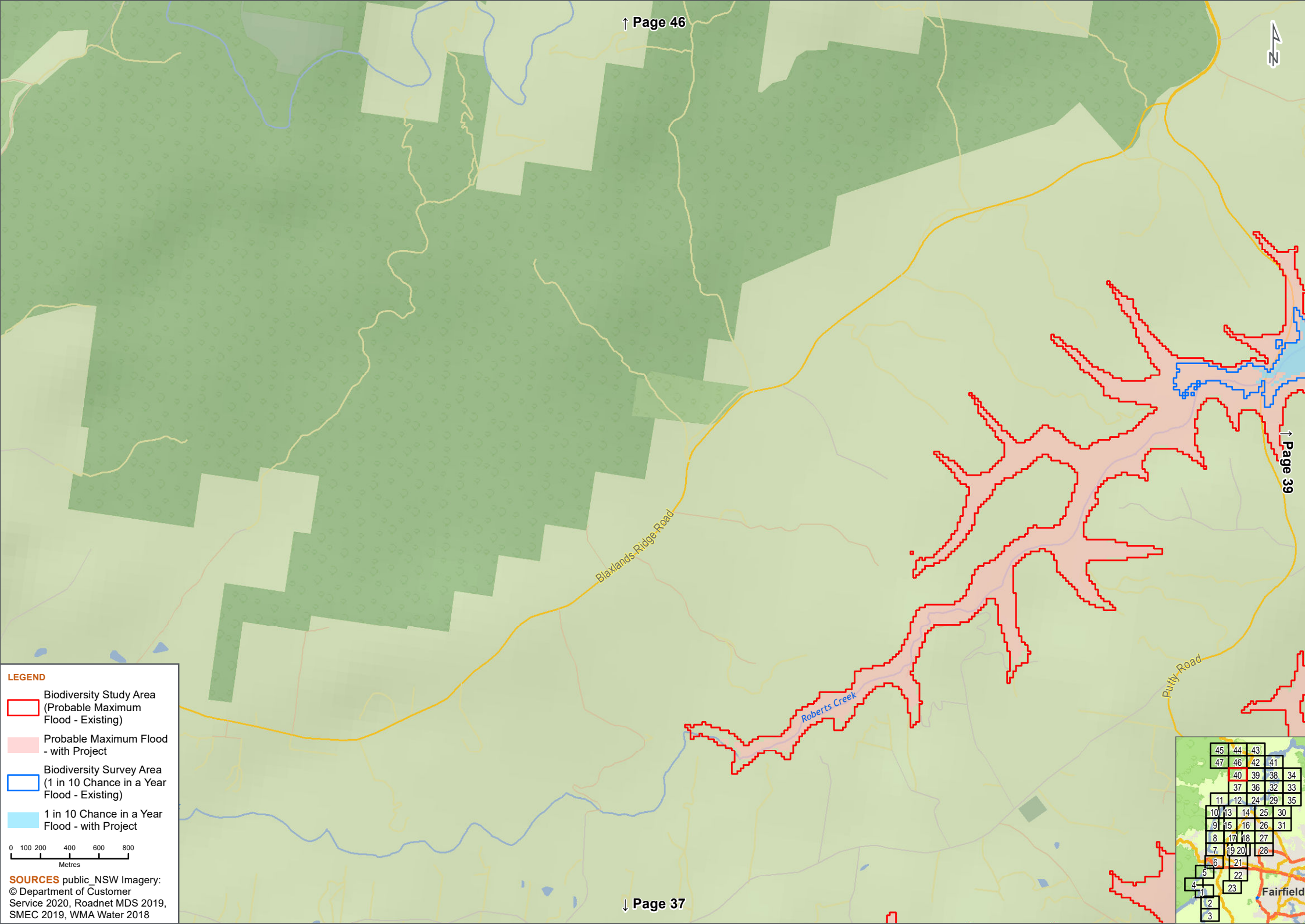

↑ Page 33
← Page 29
Little Cattai Creek
Forest Glen
Old Northern Road
Virgin Creek
Cattai Ridge Road
Kellys Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

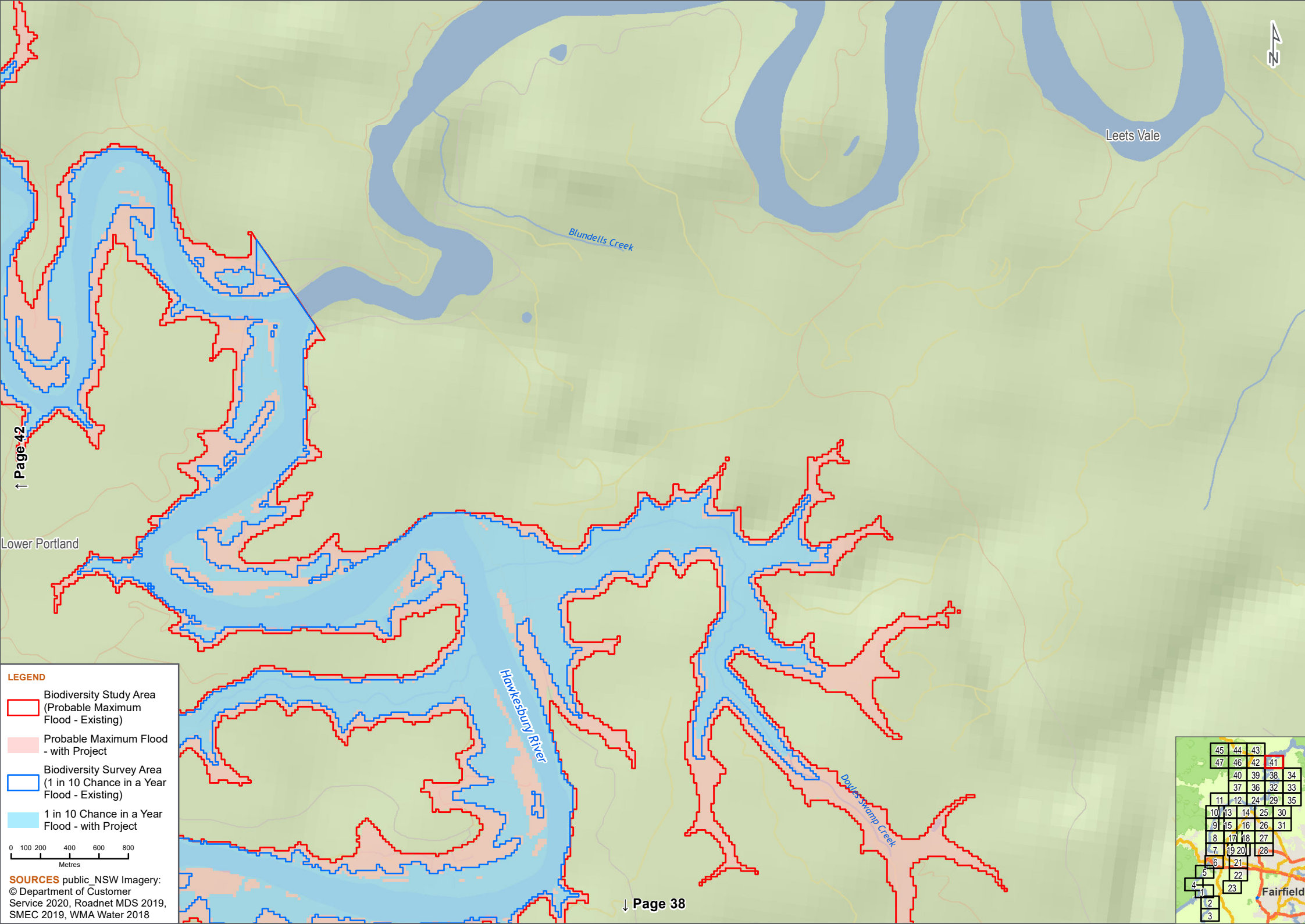

↑ Page 39
Sackville
Howes Creek
↑ Page 37
Putty Road
↑ Page 32
Sackville Road
↓ Page 24
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

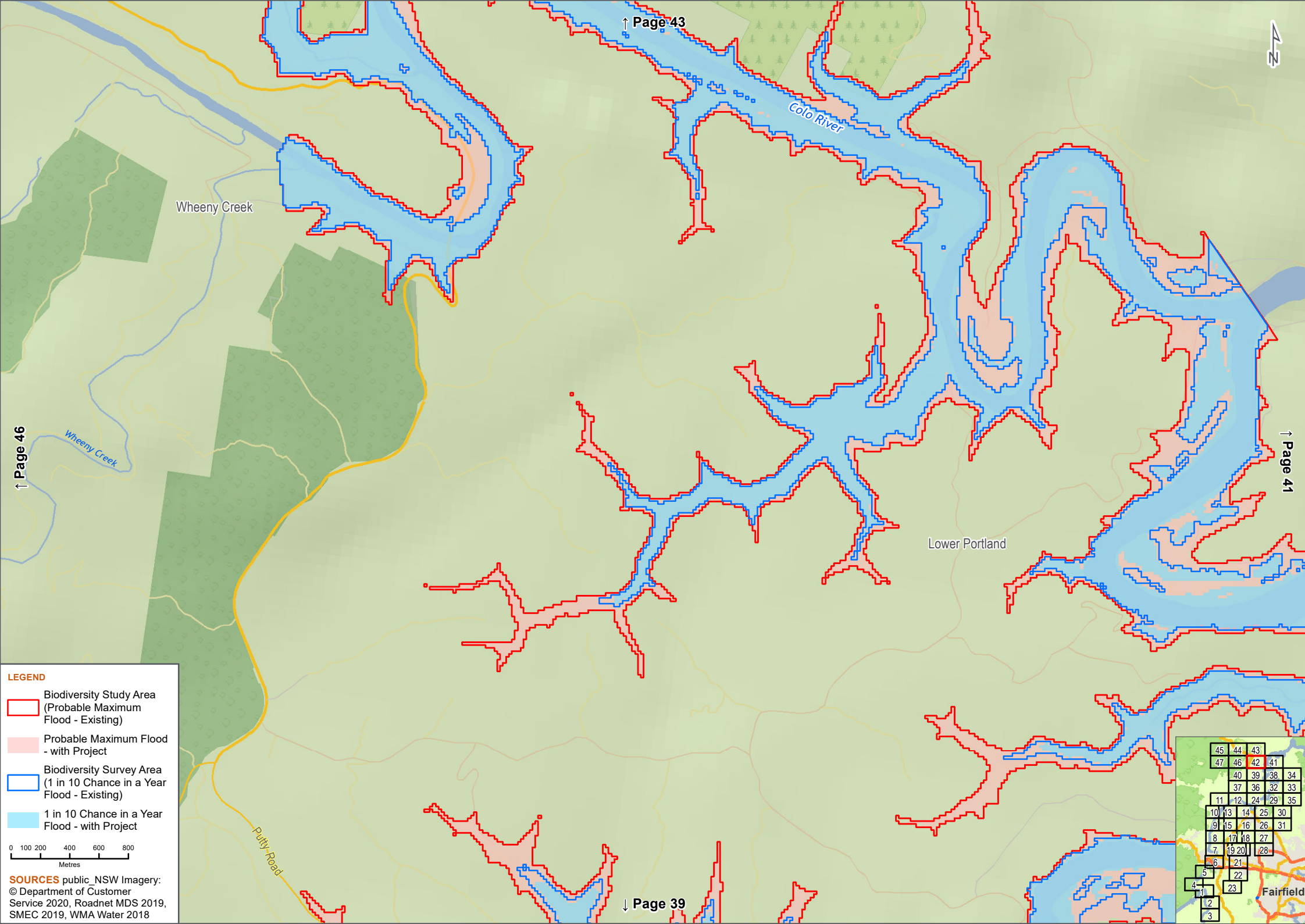

↑ Page 40
Blaxlands Ridge Road
Roberts Creek
Roberts Creek
Putty Road
East Kurrajong
Howes Creek
↑ Page 36
Glossodia
Tennyson
Currency Creek
Freemans Reach
Currency Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
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 12

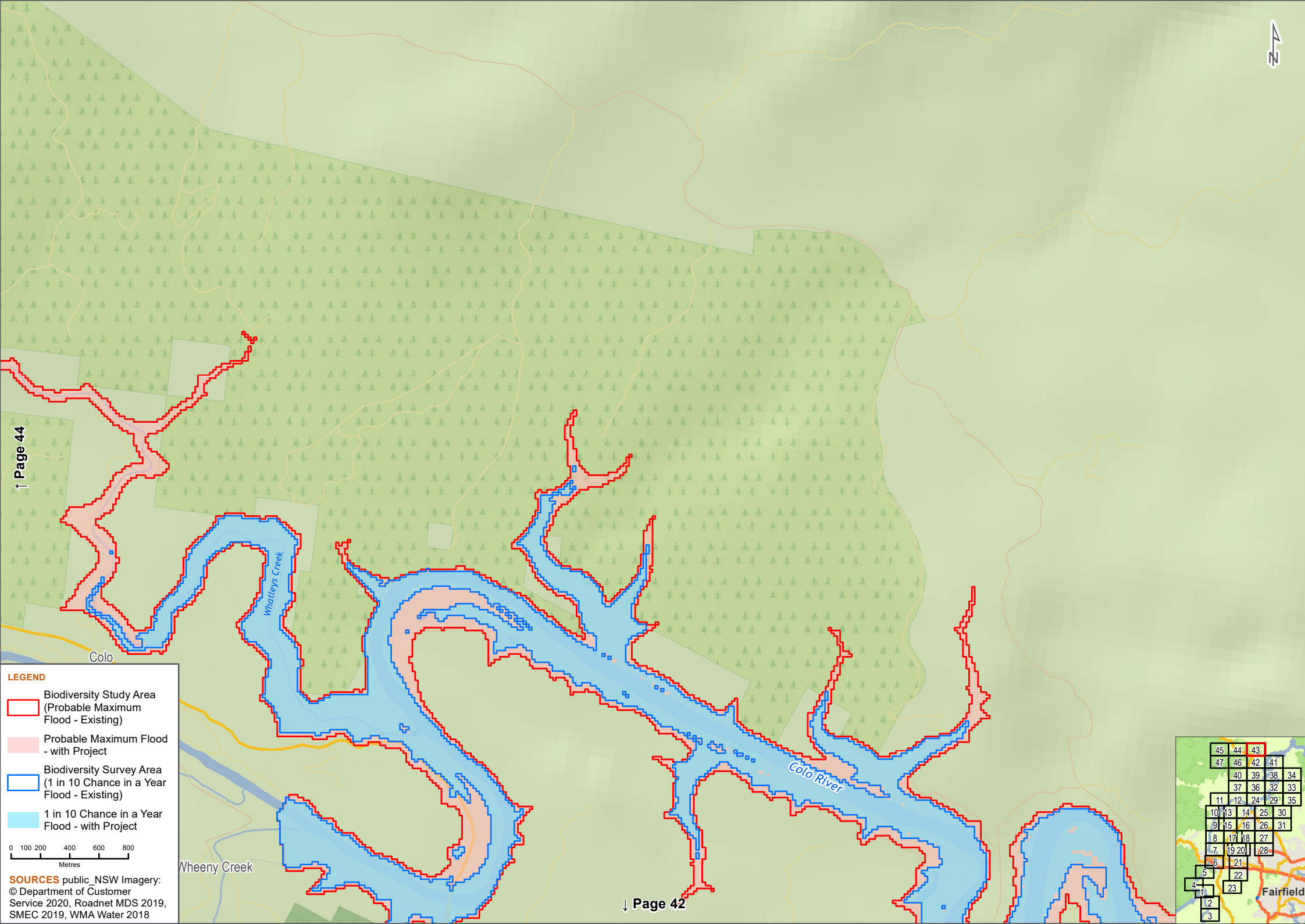

↑ Page 41
← Page 39
→ Page 34
↓ Page 32
Hawkesbury River
Hawkesbury River
Dowles Swamp Creek
Sackville Ferry Road
Sackville North
Sackville Road
Wisemans Ferry
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

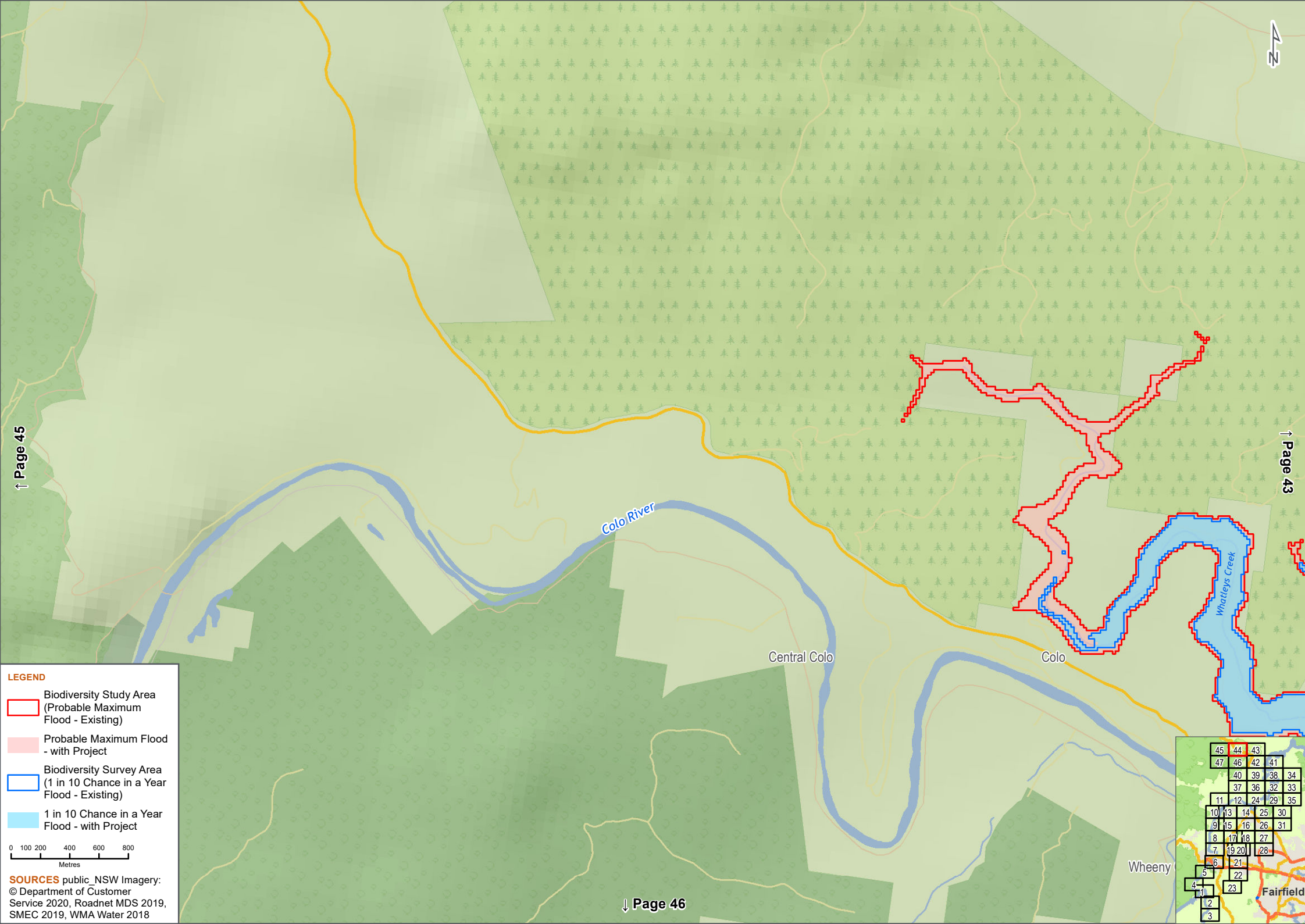

↑ Page 42
← Page 40
→ Page 38
↓ Page 36
Blaxlands Ridge Road
Roberts Creek
Sackville Ferry Road
Hawkesbury River
Sackville
Putty Road
Howes Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

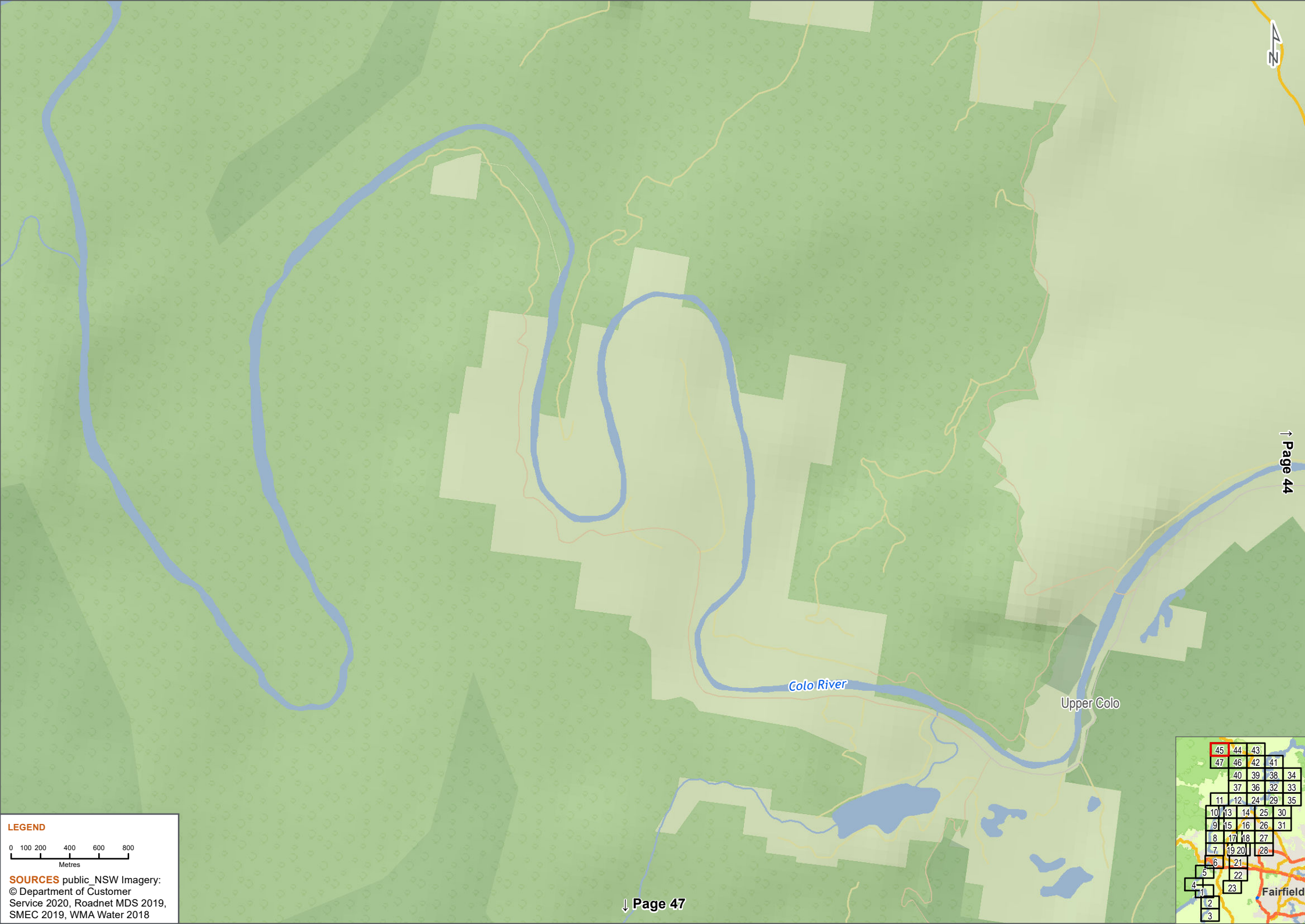

↑ Page 46
↑ Page 39
↓ Page 37
Blaxlands Ridge Road
Roberts Creek
Putty Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


Leets Vale
Blundells Creek
Lower Portland
Hawkesbury River
Dowles Swamp Creek
Fairfield
↑ Page 42
↓ Page 38
N
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: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


↑ Page 43
Wheeny Creek
Colo River
← Page 46
Wheeny Creek
Lower Portland
→ Page 41
Putty Road
↓ Page 39
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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


N
← Page 44
Whatleys Creek
Colo
Colo River
Wheeny Creek
↓ Page 42
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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


N
← Page 45
→ Page 43
↓ Page 46
Colo River
Central Colo
Colo
Whatleys Creek
Wheeny
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
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018



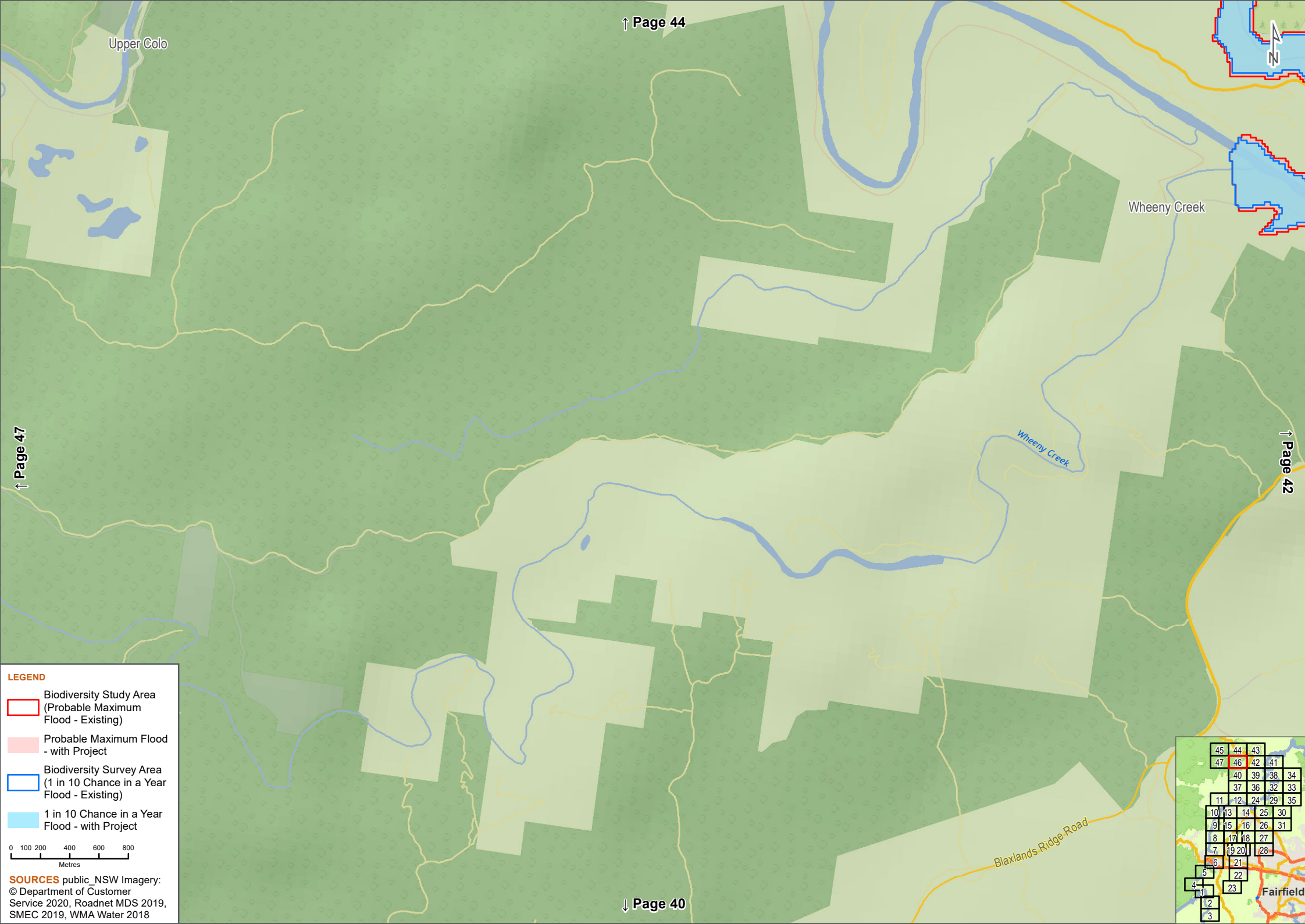
→ Page 44

↓ Page 47

LEGEND

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 44
Upper Colo
Wheeny Creek
Wheeny Creek
↑ Page 47
↑ Page 42
Blaxlands Ridge Road
↓ Page 40
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
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 45

↓ Page 46

LEGEND

0 100 200 400 600 800
Metres

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