SMEC
Member of the Surbana Jurong Group

local people
global experience

Artist's Impression

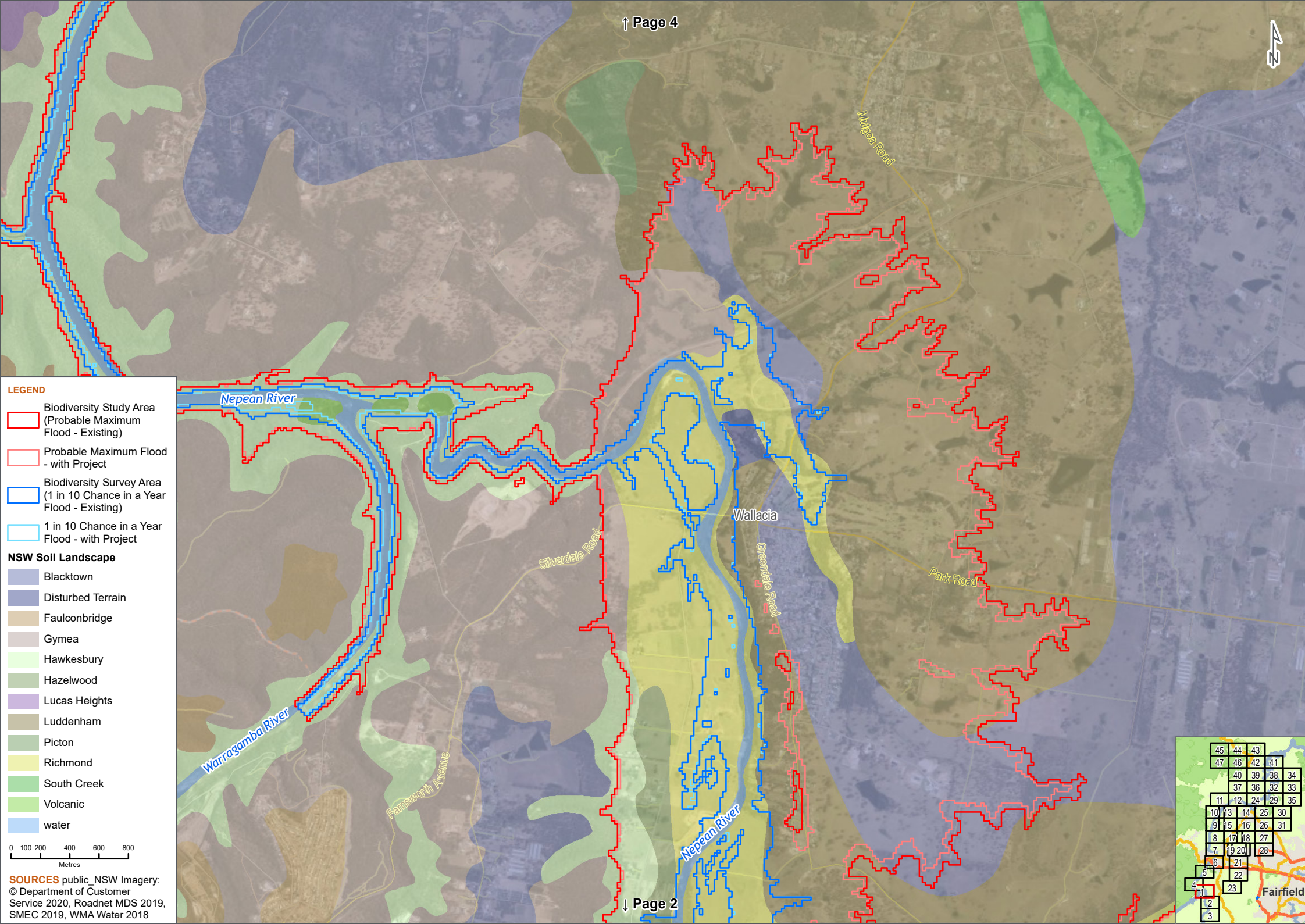
Environmental Impact Statement-Appendix F2: Downstream Ecological Assessment

Warragamba Dam Raising

Reference No. 30012078
Prepared for WaterNSW
10 September 2021

Appendix I – Part 2: Soil landscapes

SMEC INTERNAL REF. 30012078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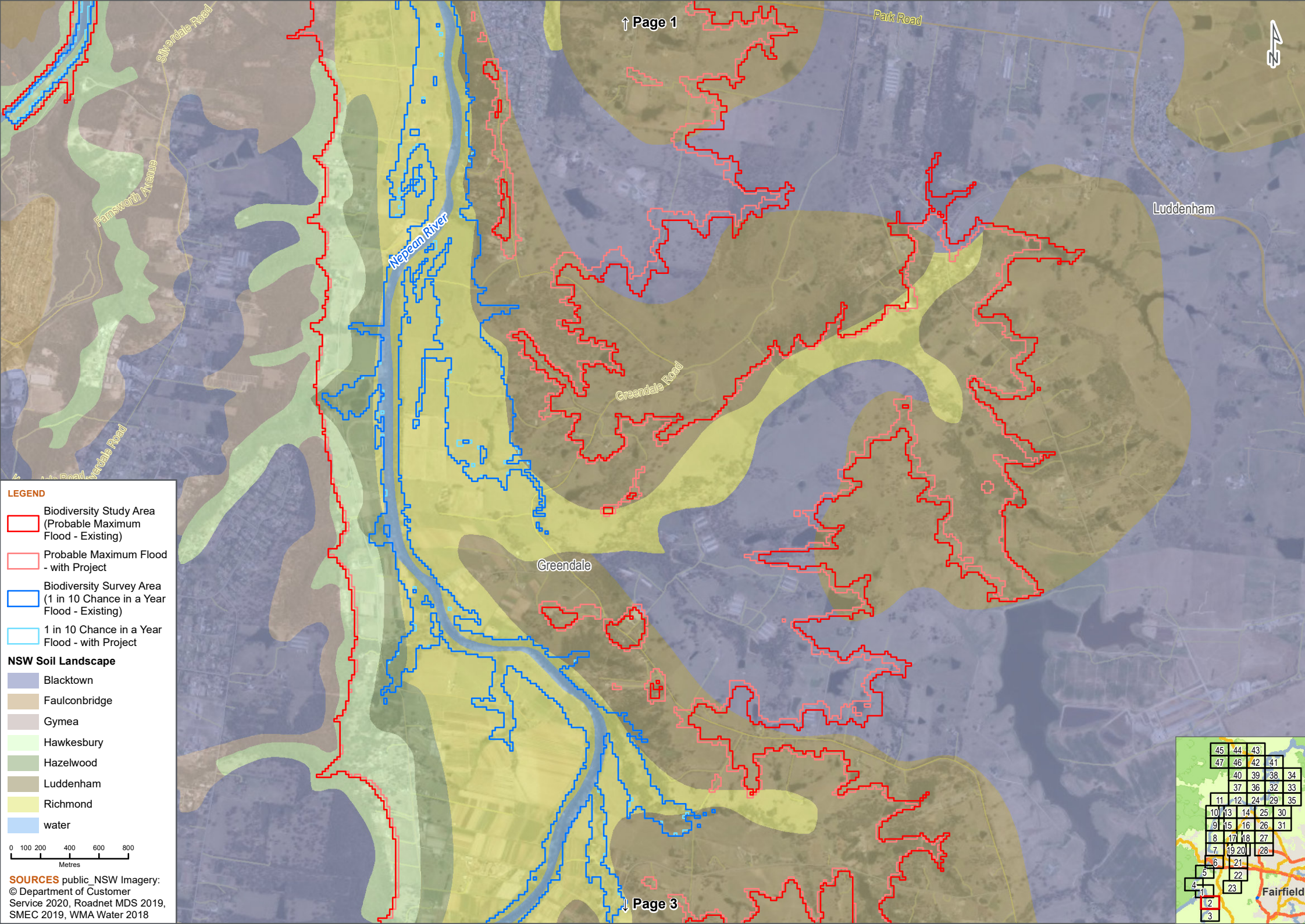
Mulgoa Road
Nepean River
Wallacia
Silverdale Road
Greendale Road
Park Road
Warragamba River
Farnsworth Avenue
Nepean River
↓ Page 2
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Blacktown
Disturbed Terrain
Faulconbridge
Gymea
Hawkesbury
Hazelwood
Lucas Heights
Luddenham
Picton
Richmond
South Creek
Volcanic
water
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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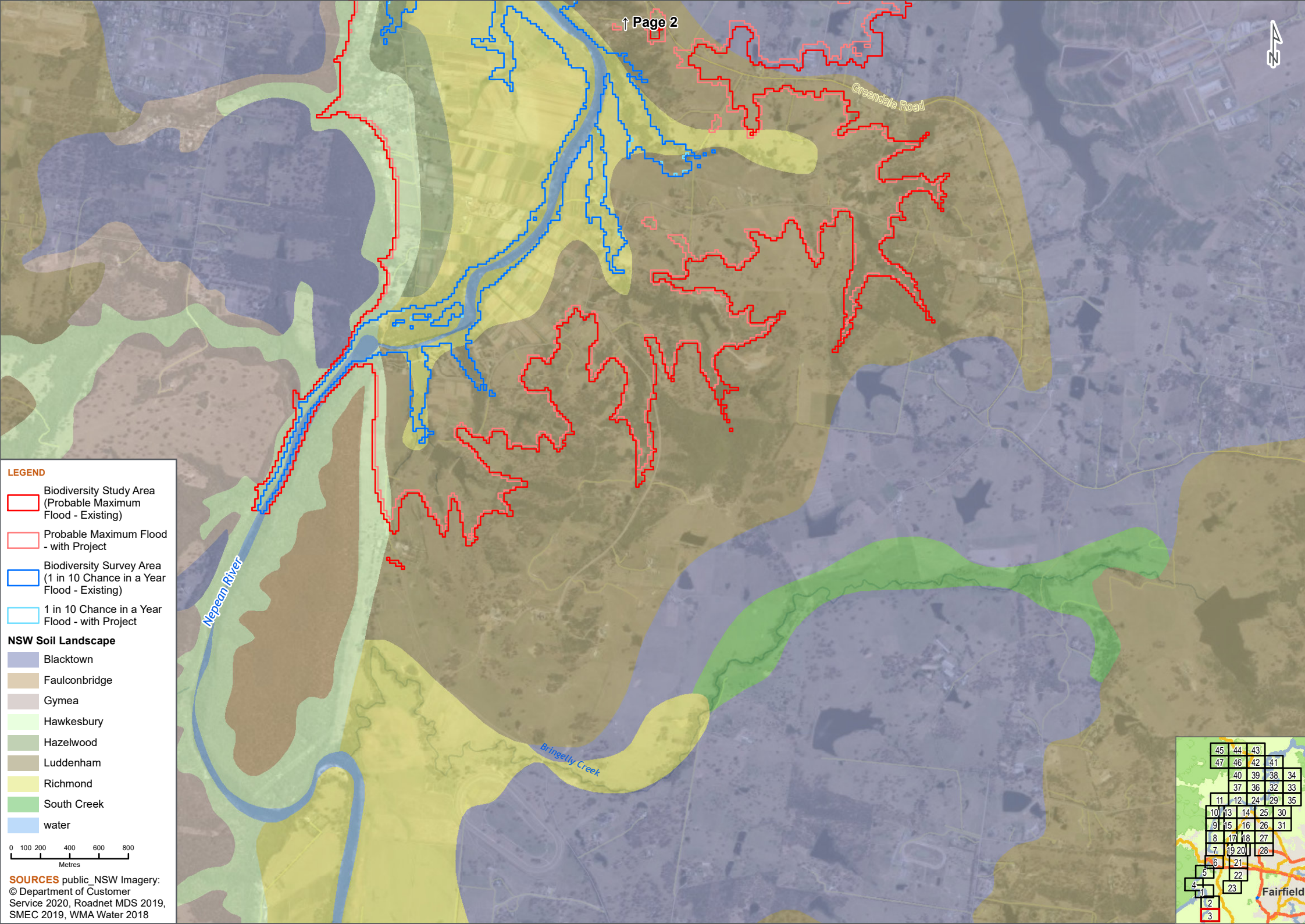
Park Road
Silverdale Road
Farnsworth Avenue
Nepean River
Luddenham
Greendale Road
Greendale
↓ Page 3
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Blacktown
Faulconbridge
Gymea
Hawkesbury
Hazelwood
Luddenham
Richmond
water
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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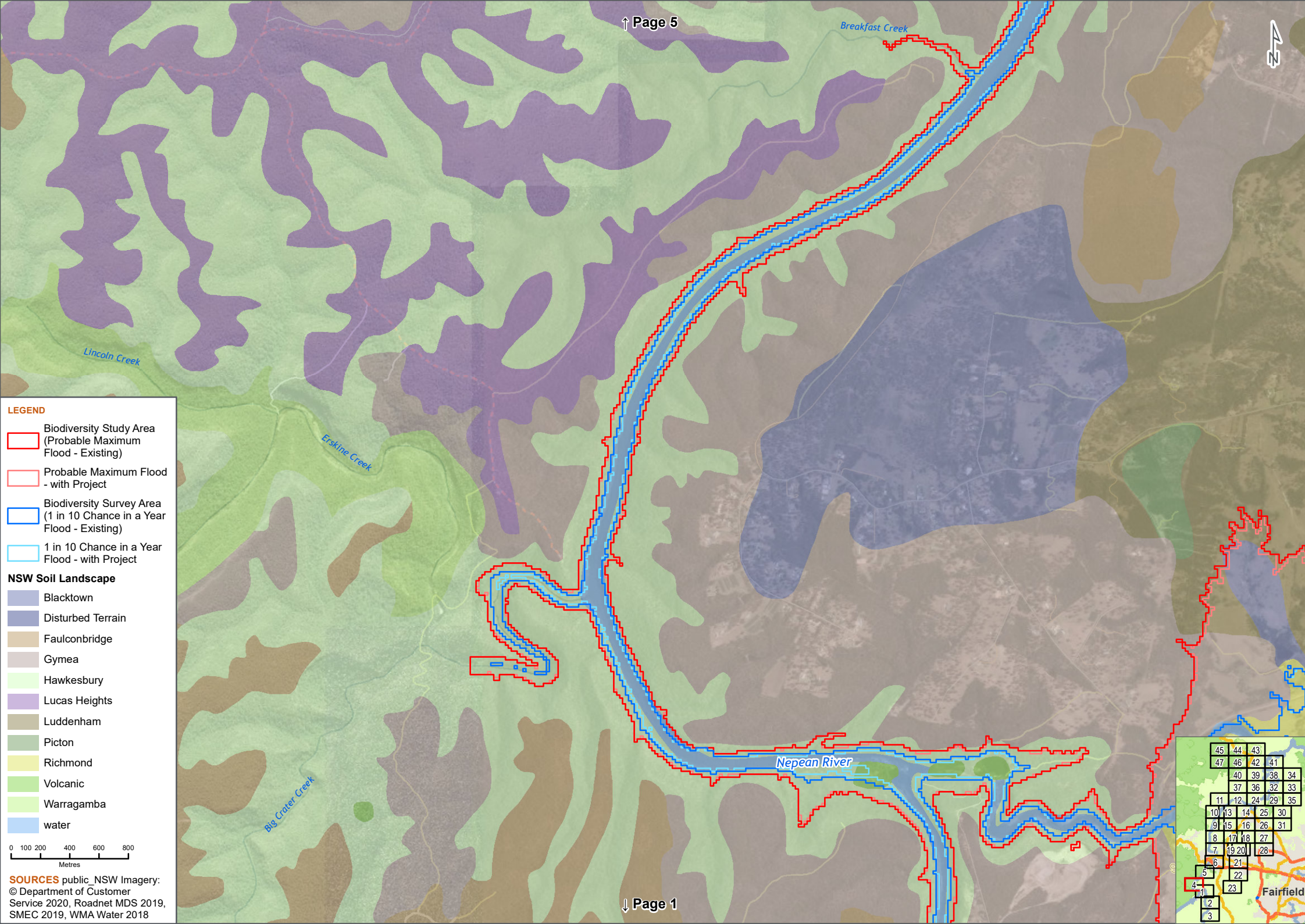
Greendale Road
Nepean River
Bringelly Creek
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Blacktown
Faulconbridge
Gymea
Hawkesbury
Hazelwood
Luddenham
Richmond
South Creek
water
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
Nepean River
Big Crater Creek
↓ Page 1
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
NSW Soil Landscape
Blacktown
Disturbed Terrain
Faulconbridge
Gymea
Hawkesbury
Lucas Heights
Luddenham
Picton
Richmond
Volcanic
Warragamba
water
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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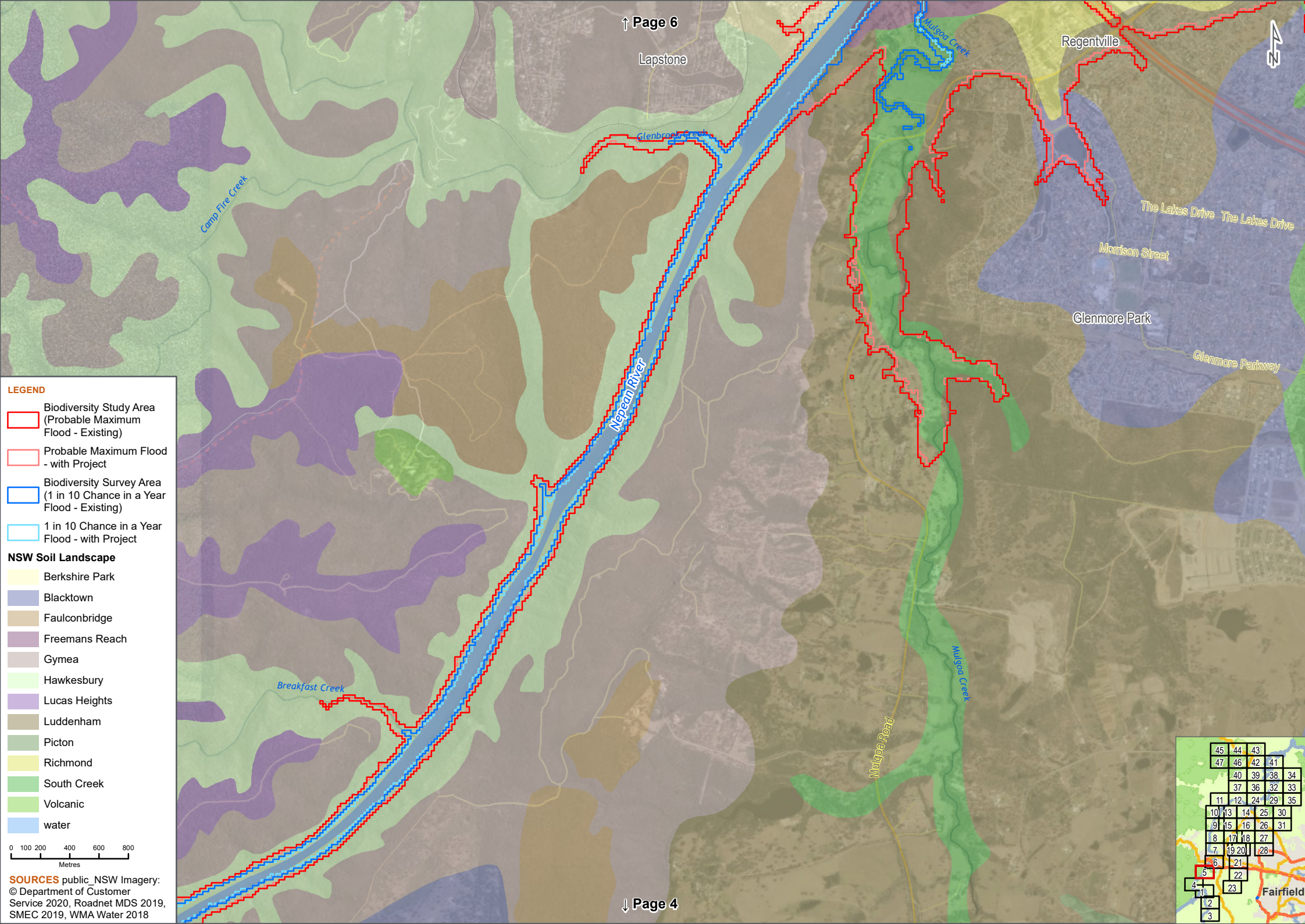
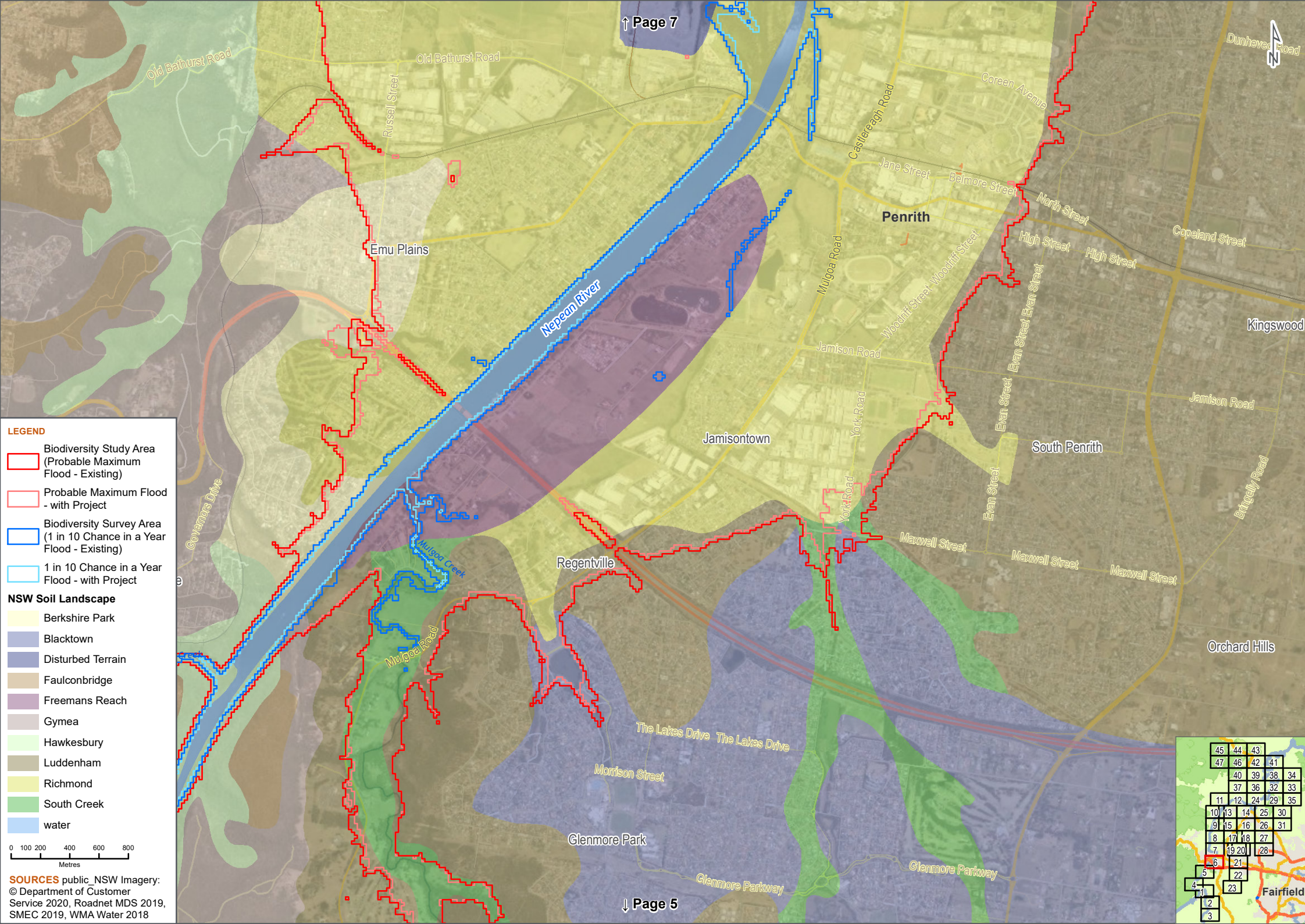

Lapstone
Regentville
Mulgoa Creek
Glenbrook Creek
Camp Fire Creek
The Lakes Drive
The Lakes Drive
Morrison Street
Glenmore Park
Glenmore Parkway
Nepean River
Mulgoa Creek
Breakfast Creek
Mulgoa Road
N
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Picton
Richmond
South Creek
Volcanic
water
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
9 15 16 26 31
8 17 18 27
7 19 20 28
6 21
5 22
4 23
1
2
3
Fairfield

↓ Page 4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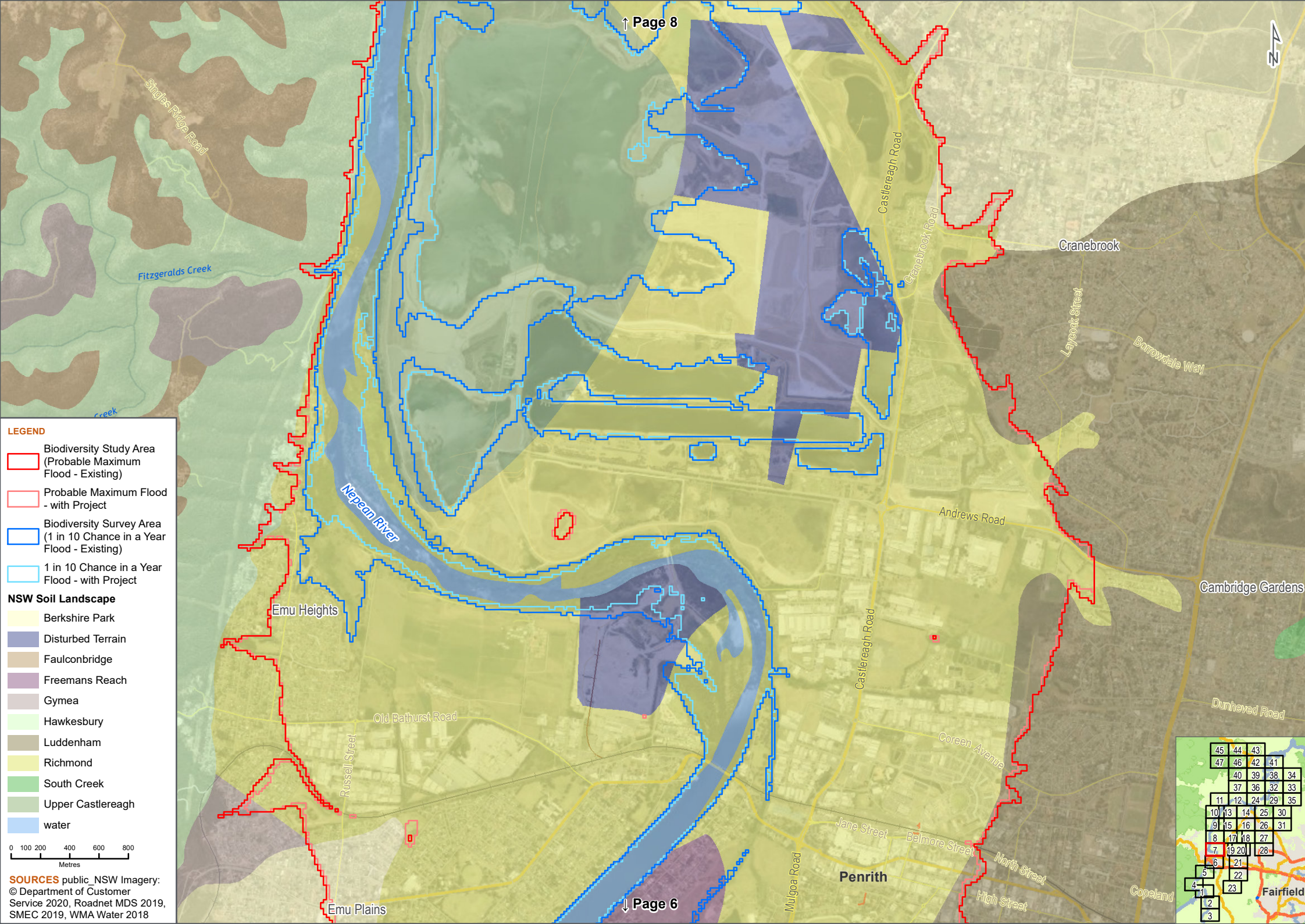
Old Bathurst Road
Russell Street
Emu Plains
Nepean River
Penrith
Castlereagh Road
Coreen Avenue
Jane Street
Belmore Street
North Street
High Street
Copeland Street
Mulgoa Road
Woodriff Street
Evan Street
Jamison Road
Kingswood
York Road
Jamisontown
South Penrith
Maxwell Street
Regentville
Mulgoa Creek
Orchard Hills
The Lakes Drive
Morrison Street
Glenmore Park
Glenmore Parkway
Fairfield
Goyemors Drive
Bringelly 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
NSW Soil Landscape
Berkshire Park
Blacktown
Disturbed Terrain
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Luddenham
Richmond
South Creek
water
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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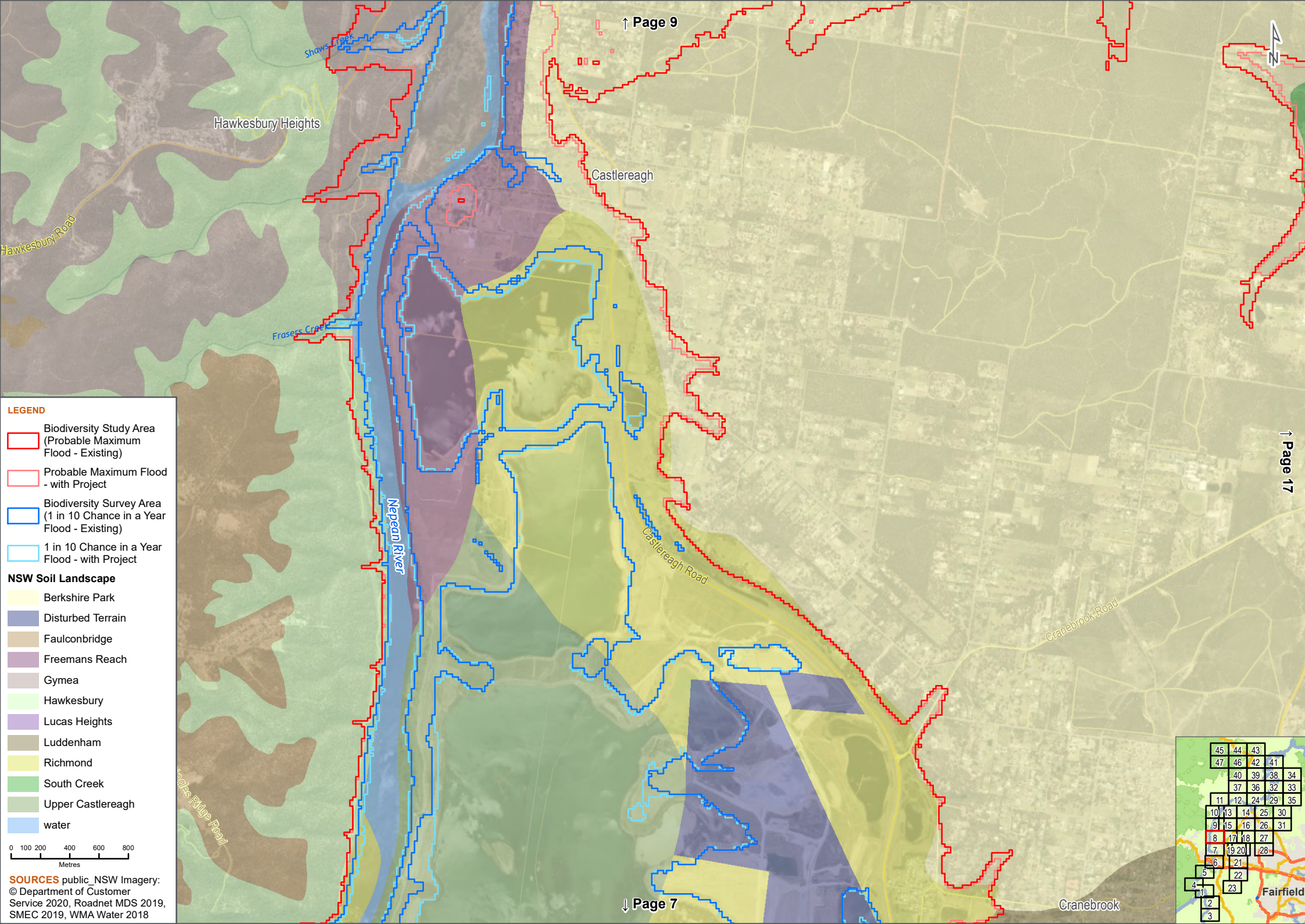
Shingles Ridge Road
Fitzgeralds Creek
Castlereagh Road
Cranebrook Road
Cranebrook
Laycock Street
Borrowdale Way
Nepean River
Andrews Road
Emu Heights
Cambridge Gardens
Castlereagh Road
Old Bathurst Road
Russell Street
Dunheved Road
Coreen Avenue
Jane Street
Belmore Street
North Street
Mulgoa Road
Penrith
High Street
Copeland
Fairfield
Emu Plains
↓ Page 6
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
NSW Soil Landscape
Berkshire Park
Disturbed Terrain
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Luddenham
Richmond
South Creek
Upper Castlereagh
water
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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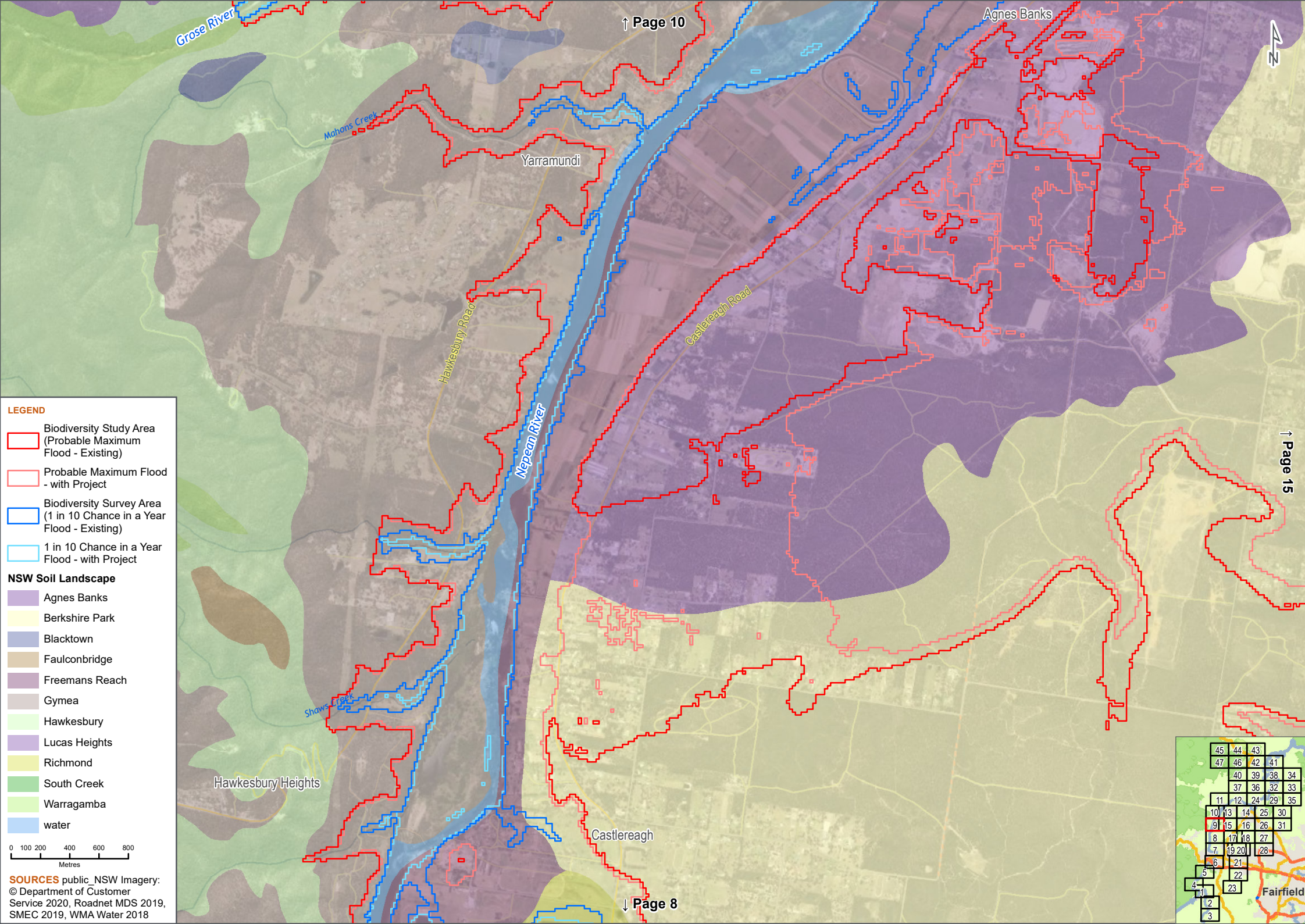
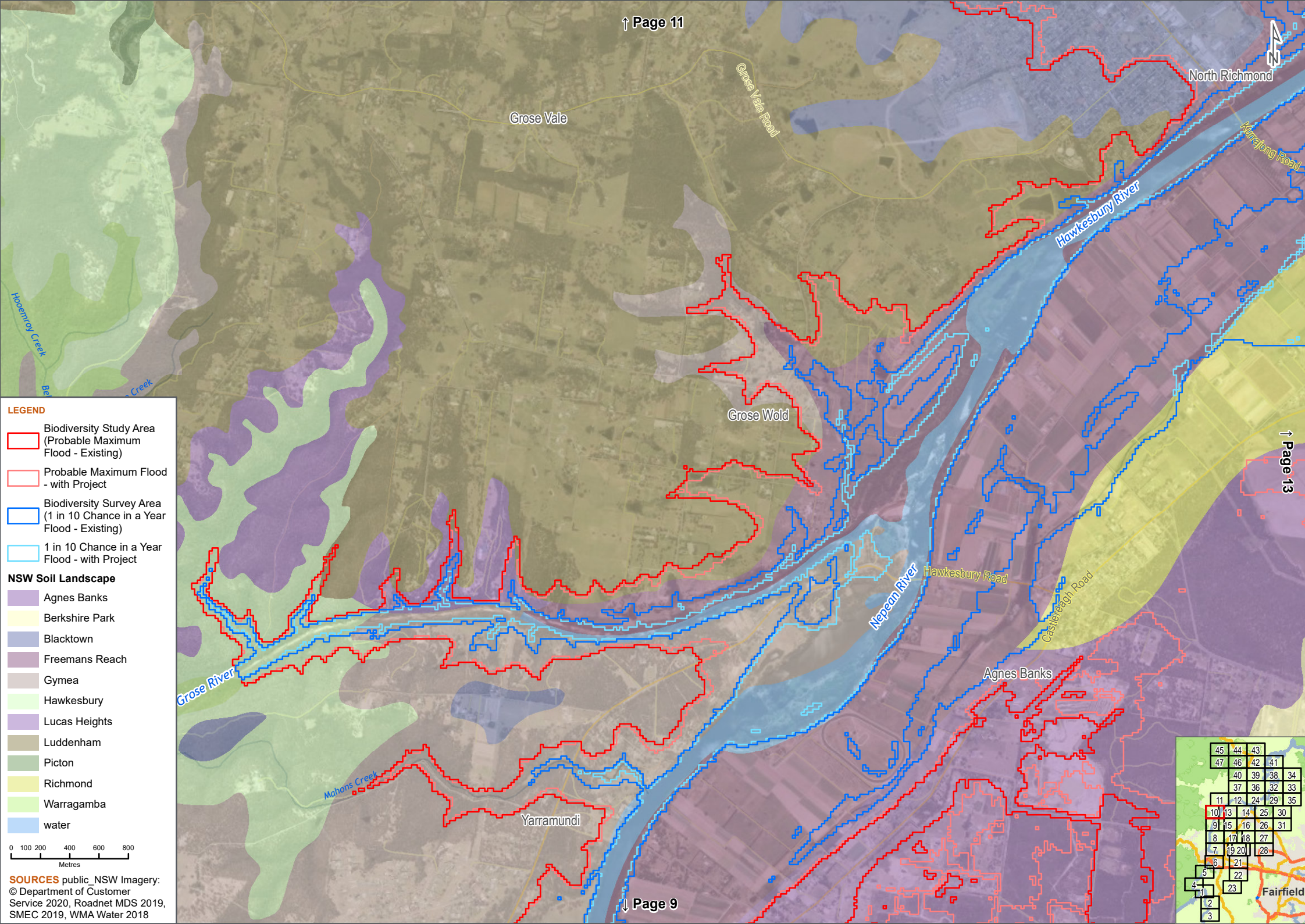
Shaws Creek
Hawkesbury Heights
Castlereagh
Hawkesbury Road
Frasers Creek
Nepean River
Castlereagh Road
Cranebrook Road
Ridges Ridge Road
↓ Page 7
Cranebrook
Fairfield
↑ Page 17
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Berkshire Park
Disturbed Terrain
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Richmond
South Creek
Upper Castlereagh
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


Grose River
Mahons Creek
Yarramundi
Hawkesbury Road
Nepean River
Castlereagh Road
Agnes Banks
↑ Page 10
↑ Page 15
↓ Page 8
Shaws Creek
Hawkesbury Heights
Castlereagh
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
NSW Soil Landscape
Agnes Banks
Berkshire Park
Blacktown
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Richmond
South Creek
Warragamba
water
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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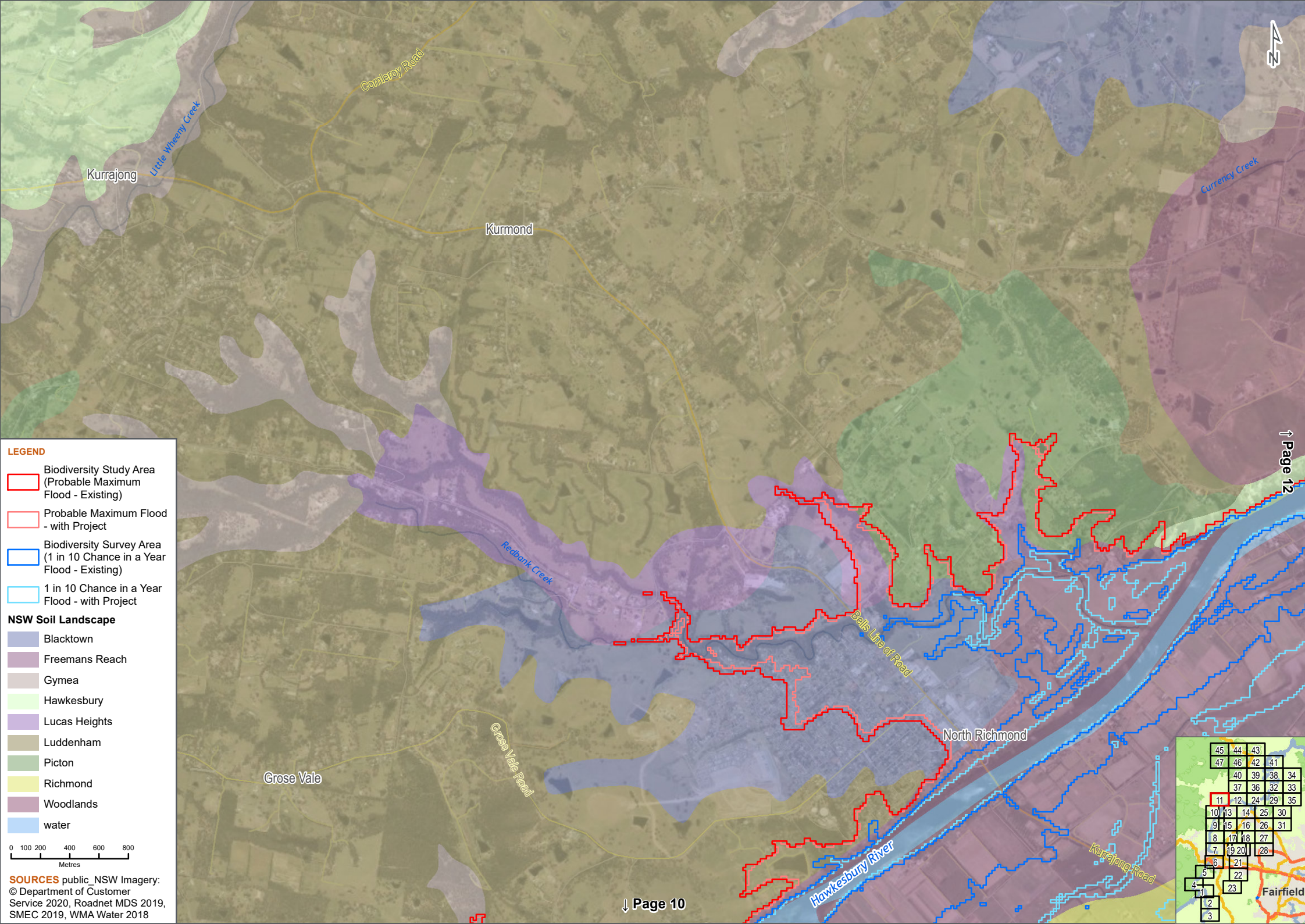
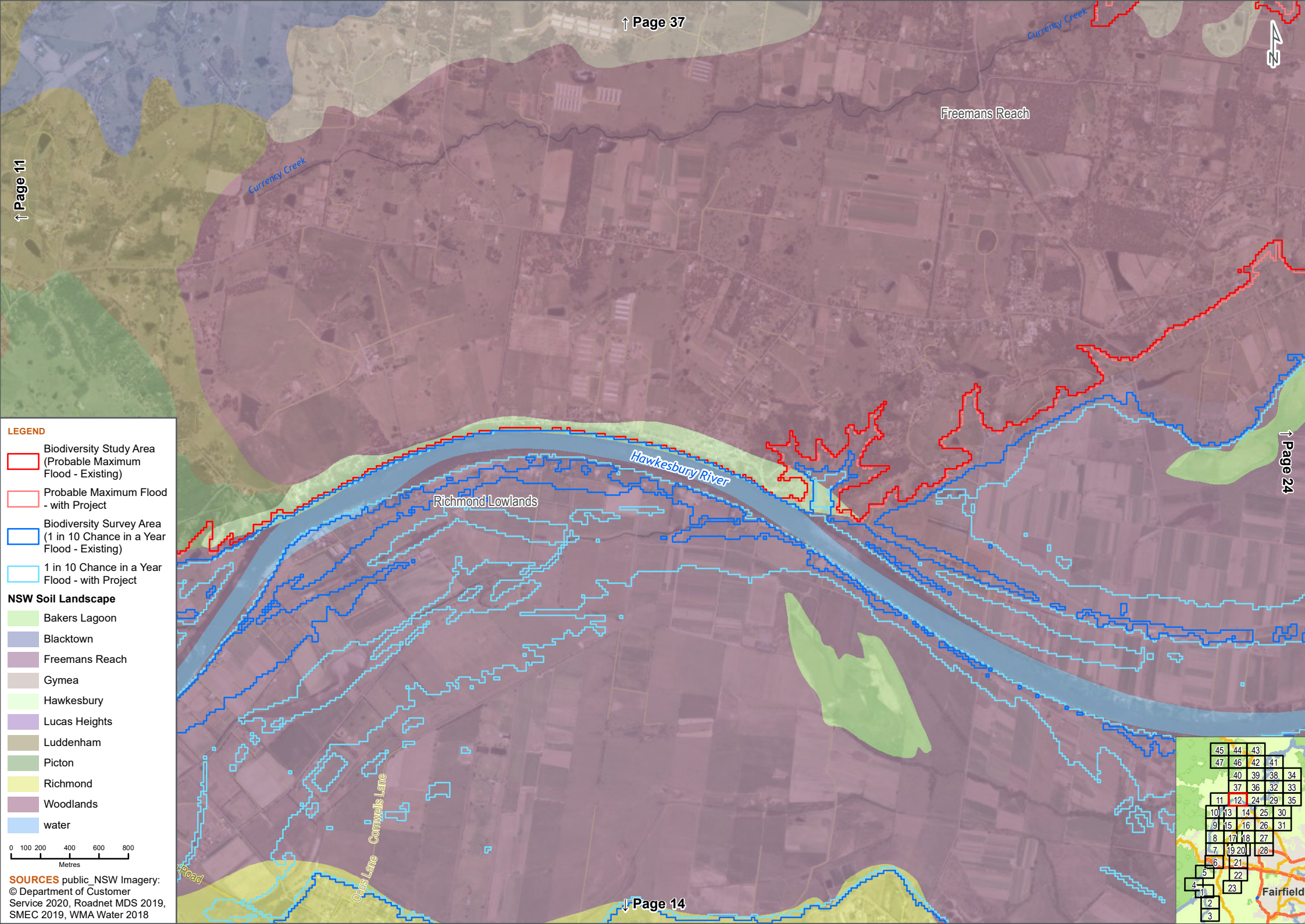
Grose Vale
Grose Vale Road
North Richmond
Kurrajong Road
Hawkesbury River
Hoomeroy Creek
Grose Wold
↑ Page 13
Nepean River
Hawkesbury Road
Castlereagh Road
Agnes Banks
Grose River
Mahons Creek
Yarramundi
↓ Page 9
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum 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
NSW Soil Landscape
Agnes Banks
Berkshire Park
Blacktown
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Picton
Richmond
Warragamba
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


Comleroy Road
Little Wheeny Creek
Kurrajong
Kurmond
Currency Creek
Redbank Creek
Bells Line of Road
North Richmond
Grose Vale Road
Grose Vale
Hawkesbury River
Kurrajong Road
Fairfield
N
↑ Page 12
↓ Page 10
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
NSW Soil Landscape
Blacktown
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Picton
Richmond
Woodlands
water
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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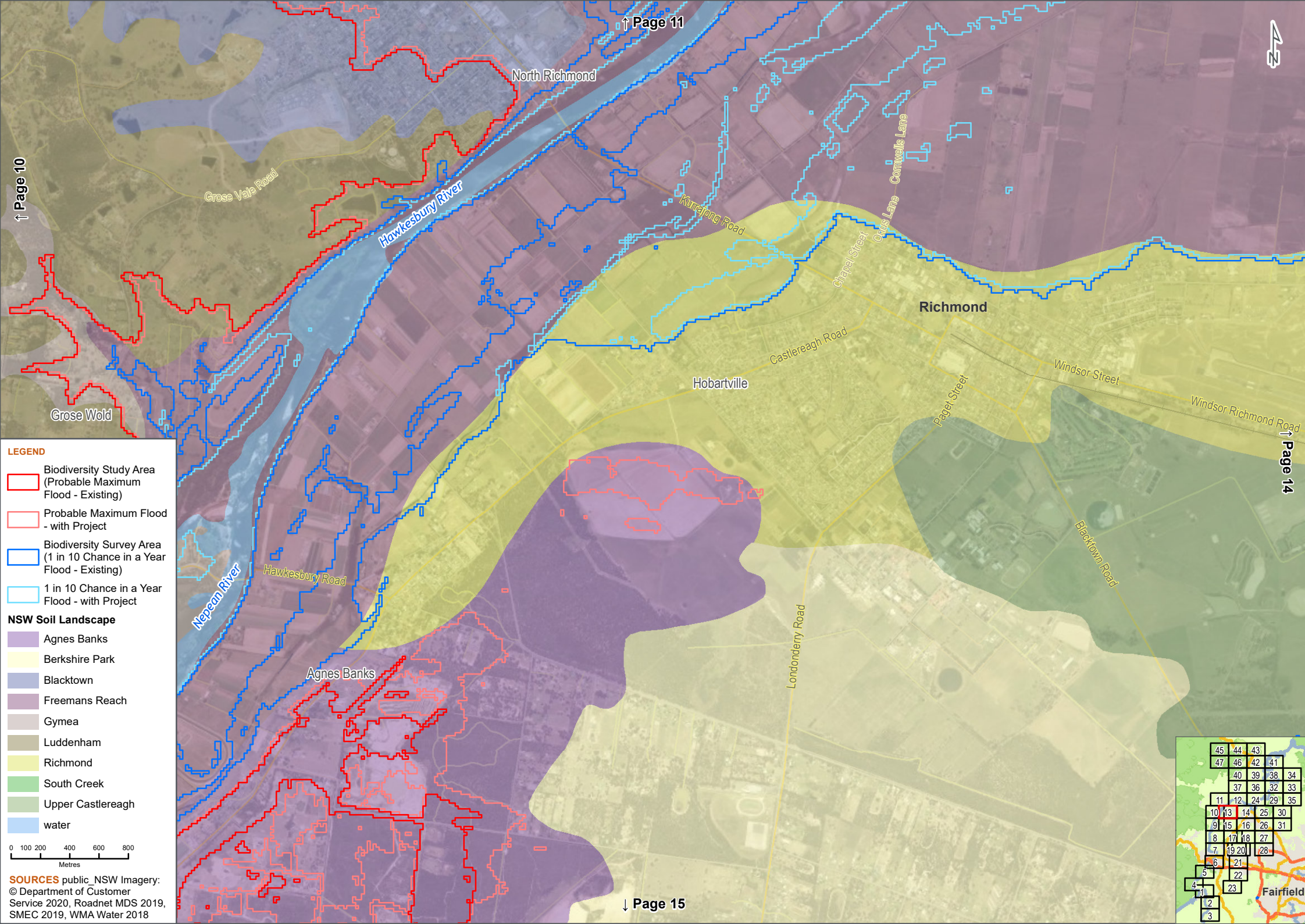
↑ Page 11
↑ Page 24
↓ Page 14
Currency Creek
Currency Creek
Freemans Reach
Hawkesbury River
Richmond Lowlands
Cornwells Lane
Ormus Lane
Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Bakers Lagoon
Blacktown
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Picton
Richmond
Woodlands
water
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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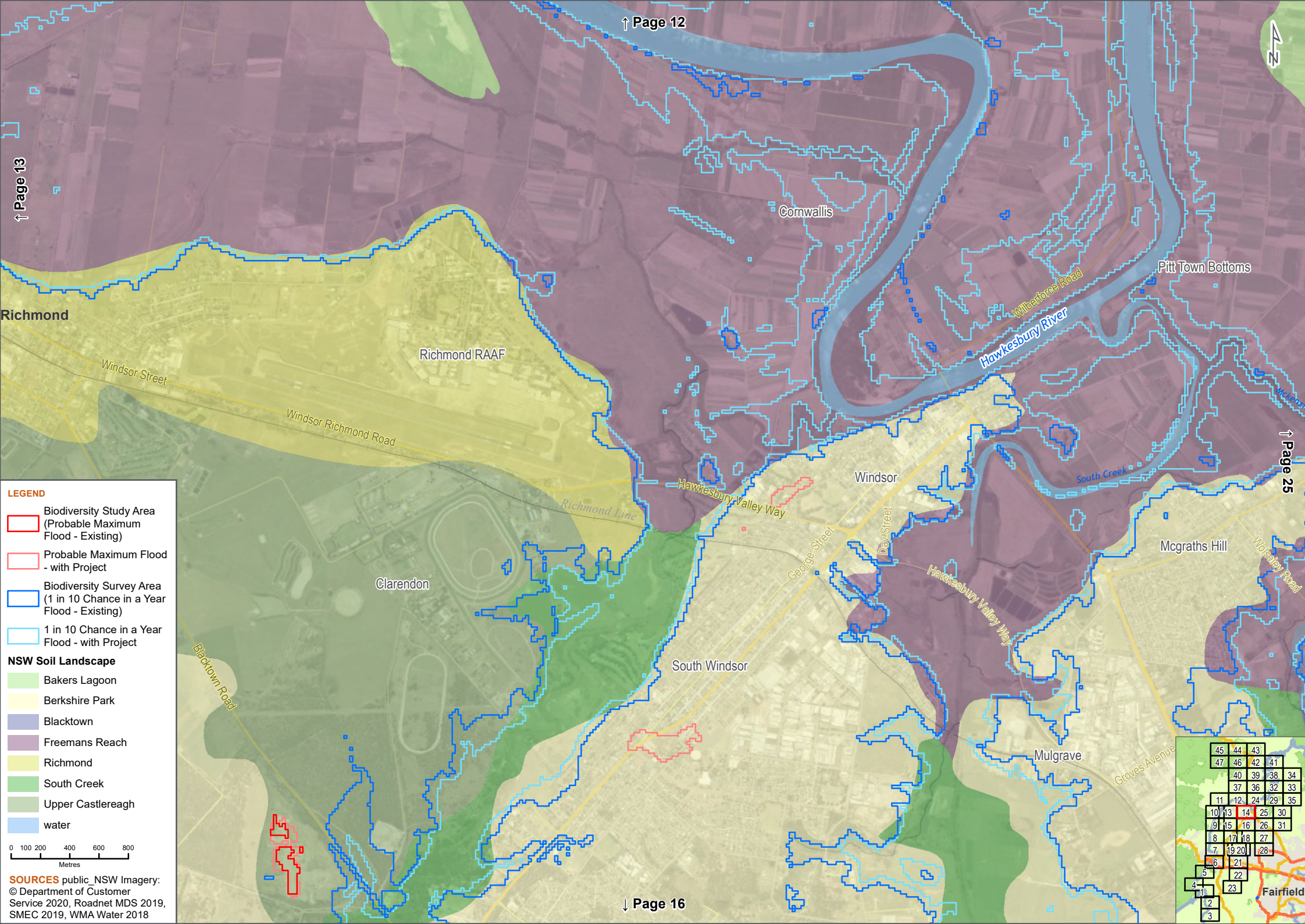
North Richmond
↑ Page 10
Grose Vale Road
Hawkesbury River
Kurrajong Road
Cornwells Lane
Chapel Street
Ouds Lane
Richmond
Castlereagh Road
Hobartville
Windsor Street
Windsor Richmond Road
Paget Street
↑ Page 14
Grose Wold
Hawkesbury Road
Nepean River
Blacktown Road
Londonderry Road
Agnes Banks
↓ Page 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)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Agnes Banks
Berkshire Park
Blacktown
Freemans Reach
Gymea
Luddenham
Richmond
South Creek
Upper Castlereagh
water
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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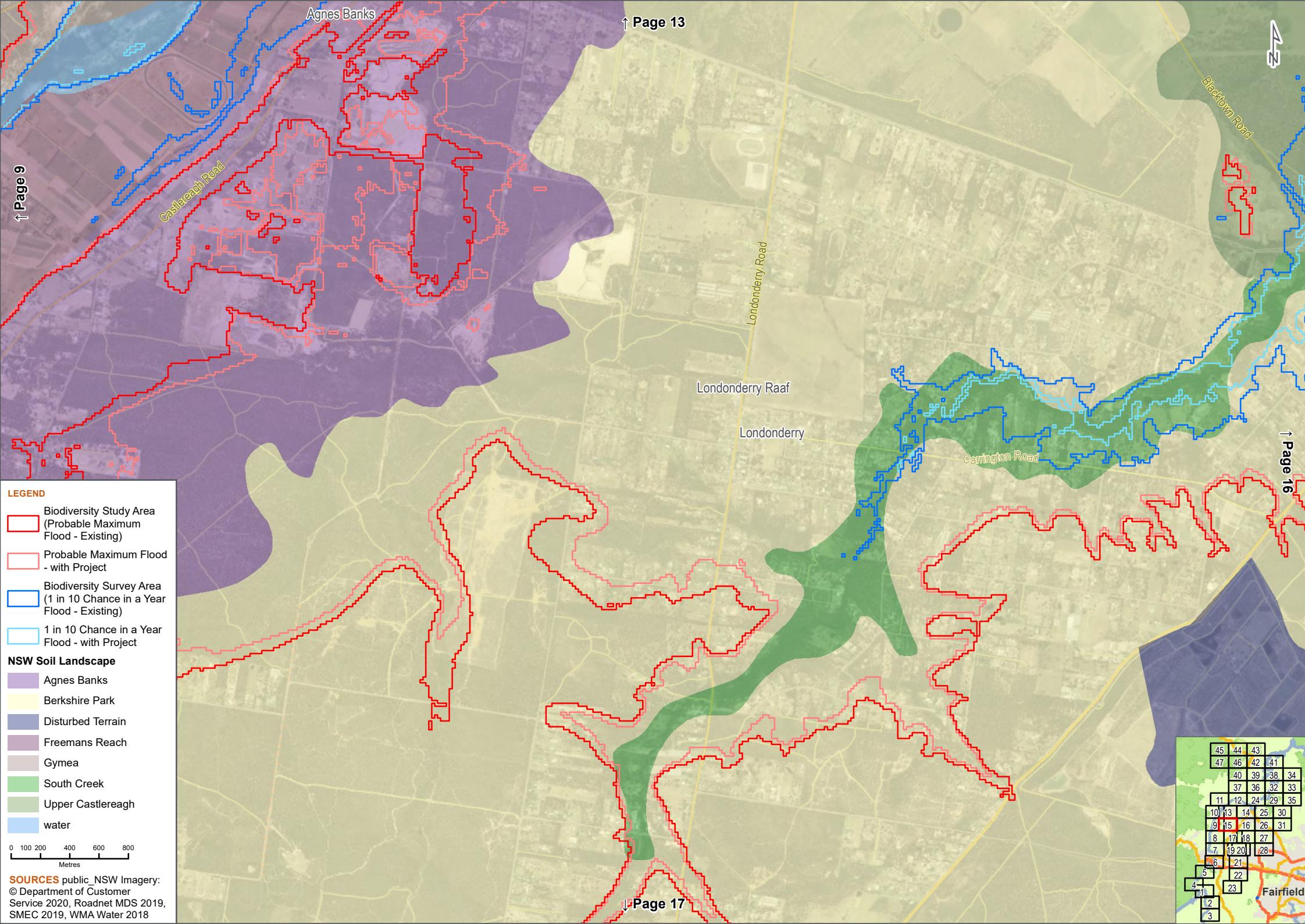
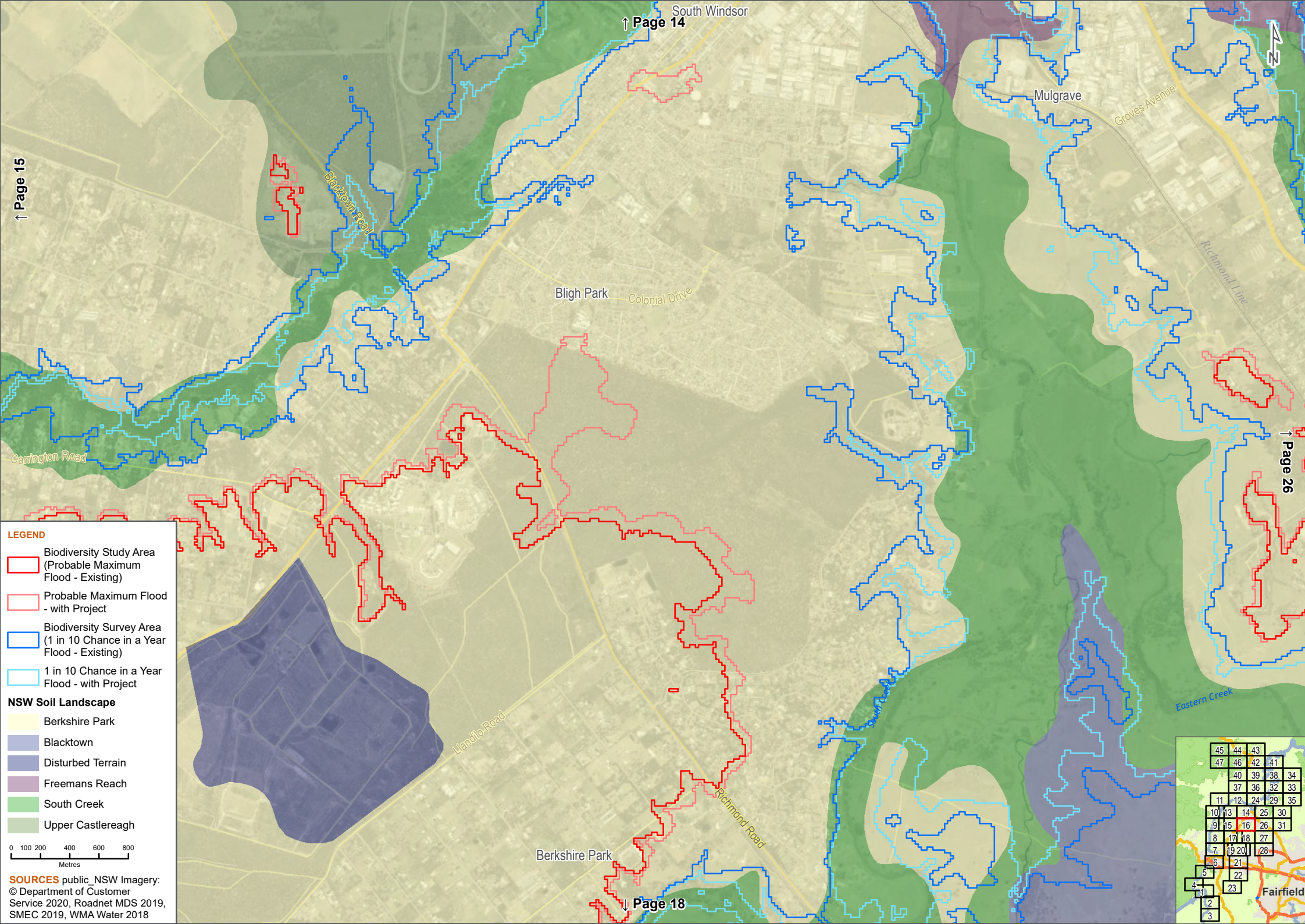
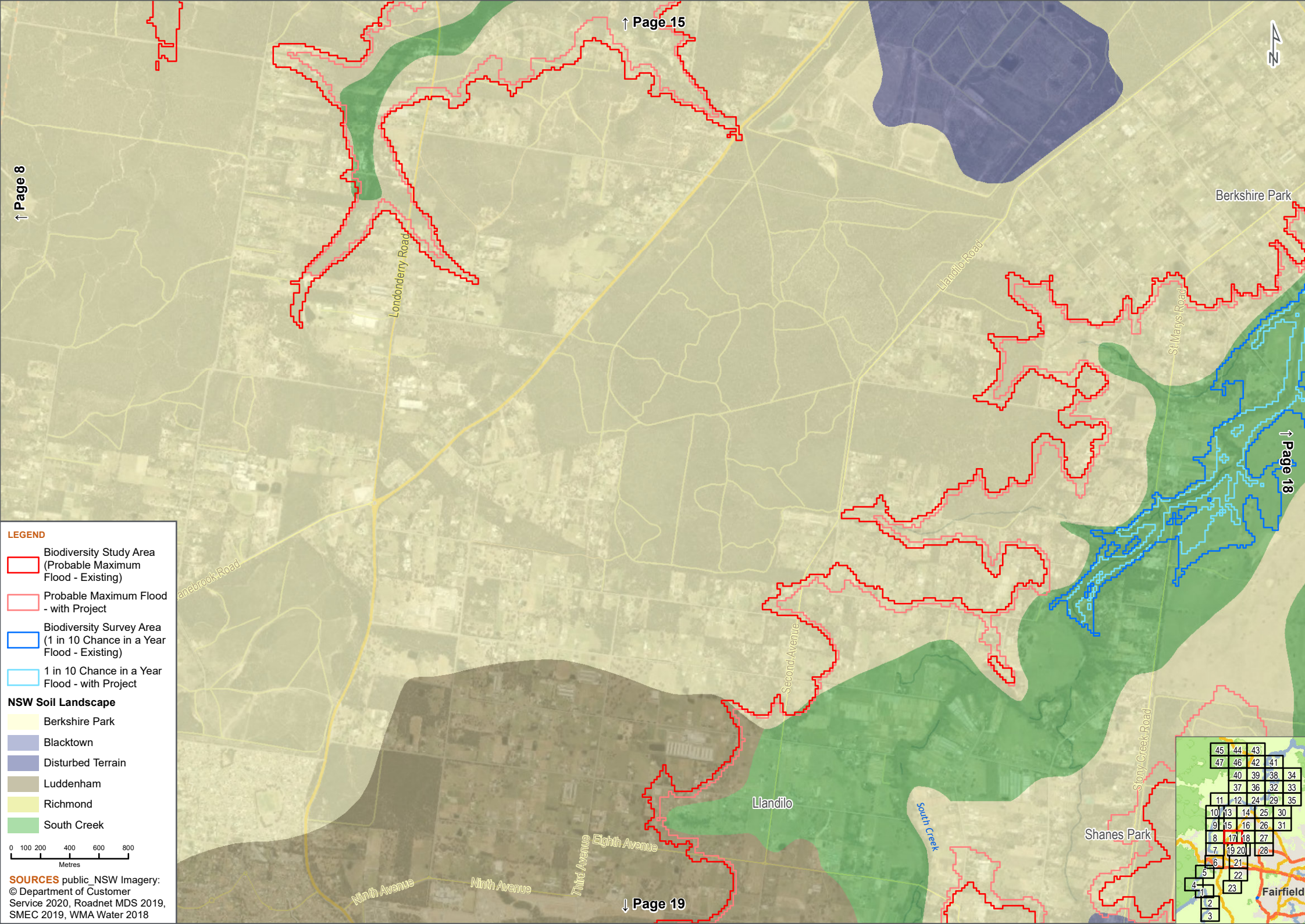
↑ Page 13
↓ Page 16
↓ Page 25
Cornwallis
Pitt Town Bottoms
Richmond
Richmond RAAF
Wilberforce Road
Hawkesbury River
Windsor Street
Windsor Richmond Road
Windsor
South Creek
Hawkesbury Valley Way
Richmond Line
George Street
Day Street
Mcgraths Hill
Wolseley Road
Clarendon
Blacktown Road
South Windsor
Mulgrave
Groves 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
NSW Soil Landscape
Bakers Lagoon
Berkshire Park
Blacktown
Freemans Reach
Richmond
South Creek
Upper Castlereagh
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018


Agnes Banks
↑ Page 13
↑ Page 9
Castlereagh Road
Londonderry Road
Blacktown Road
Londonderry Raaf
Londonderry
Carrington Road
↑ Page 16
↓ Page 17
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
NSW Soil Landscape
Agnes Banks
Berkshire Park
Disturbed Terrain
Freemans Reach
Gymea
South Creek
Upper Castlereagh
water
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 14
South Windsor
Mulgrave
Groves Avenue
Richmond Line
↑ Page 15
Blacktown Road
Bligh Park
Colonial Drive
Carrington Road
→ Page 26
Eastern Creek
South Creek
Llandilo Road
Richmond Road
Berkshire Park
↓ 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)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Disturbed Terrain
Freemans Reach
South Creek
Upper Castlereagh
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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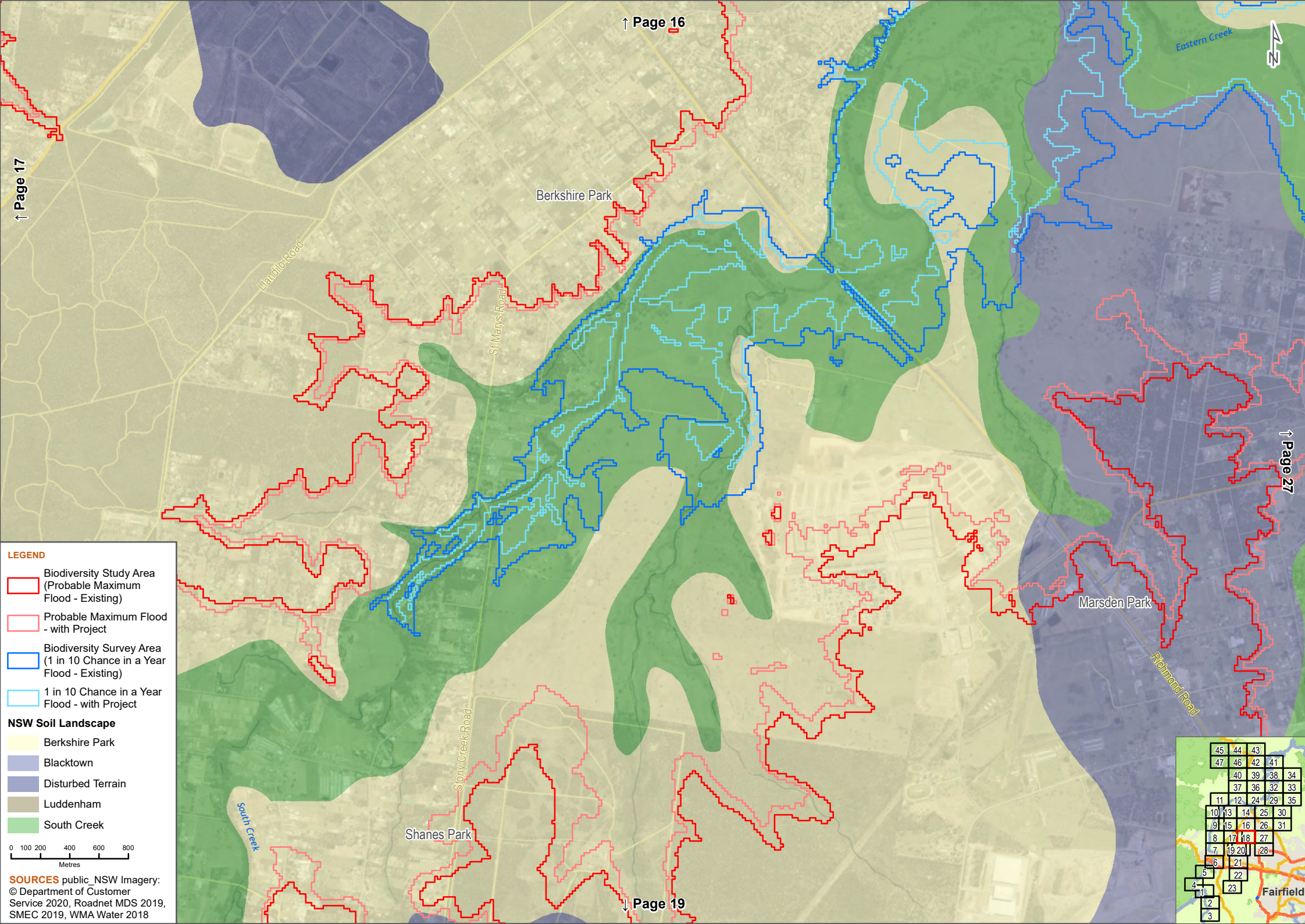
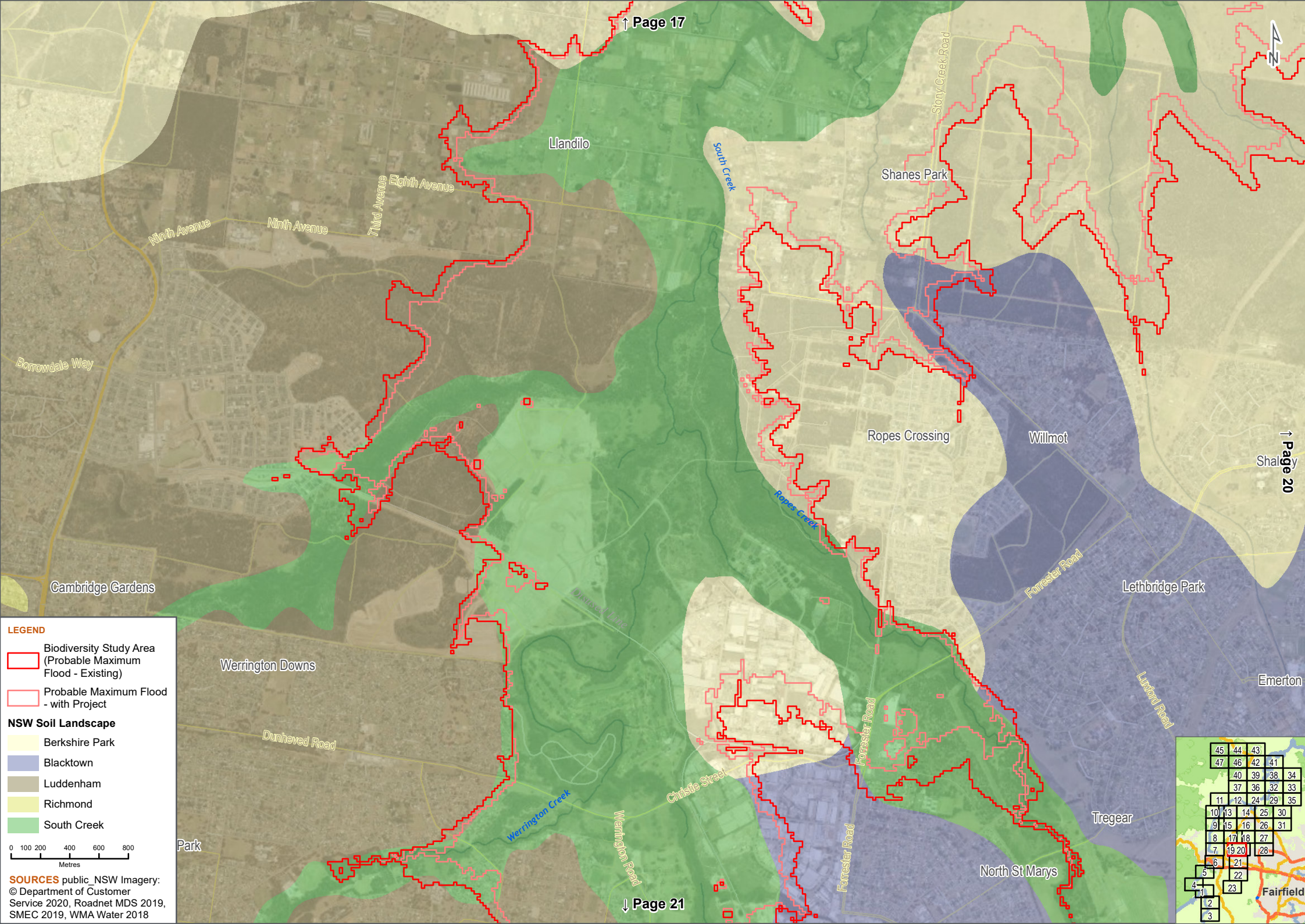
↑ Page 8
↑ Page 18
↓ Page 19
Londonderry Road
Llandilo Road
St Marys Road
Berkshire Park
Second Avenue
Third Avenue
Eighth Avenue
Ninth Avenue
Ninth Avenue
Llandilo
South Creek
Stony Creek Road
Shanes Park
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Disturbed Terrain
Luddenham
Richmond
South Creek
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 16
↑ Page 17
↑ Page 27
↓ Page 19
Berkshire Park
Marsden Park
Shanes Park
Eastern Creek
South Creek
Landlo Road
St Marys Road
Stony Creek Road
Richmond 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
NSW Soil Landscape
Berkshire Park
Blacktown
Disturbed Terrain
Luddenham
South Creek
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
Llandilo
Shanes Park
Stony Creek Road
South Creek
Ninth Avenue
Ninth Avenue
Third Avenue
Eighth Avenue
Borrowdale Way
Ropes Crossing
Willmot
↑ Page 20
Ropes Creek
Cambridge Gardens
Forrester Road
Lethbridge Park
Werrington Downs
Emerton
Lumford Road
Dunheved Road
Christie Street
Werrington Creek
Wainwright Road
Forrester Road
Tregear
Park
North St Marys
Fairfield
↓ Page 21
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Luddenham
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South Creek
0 100 200 400 600 800
Metres
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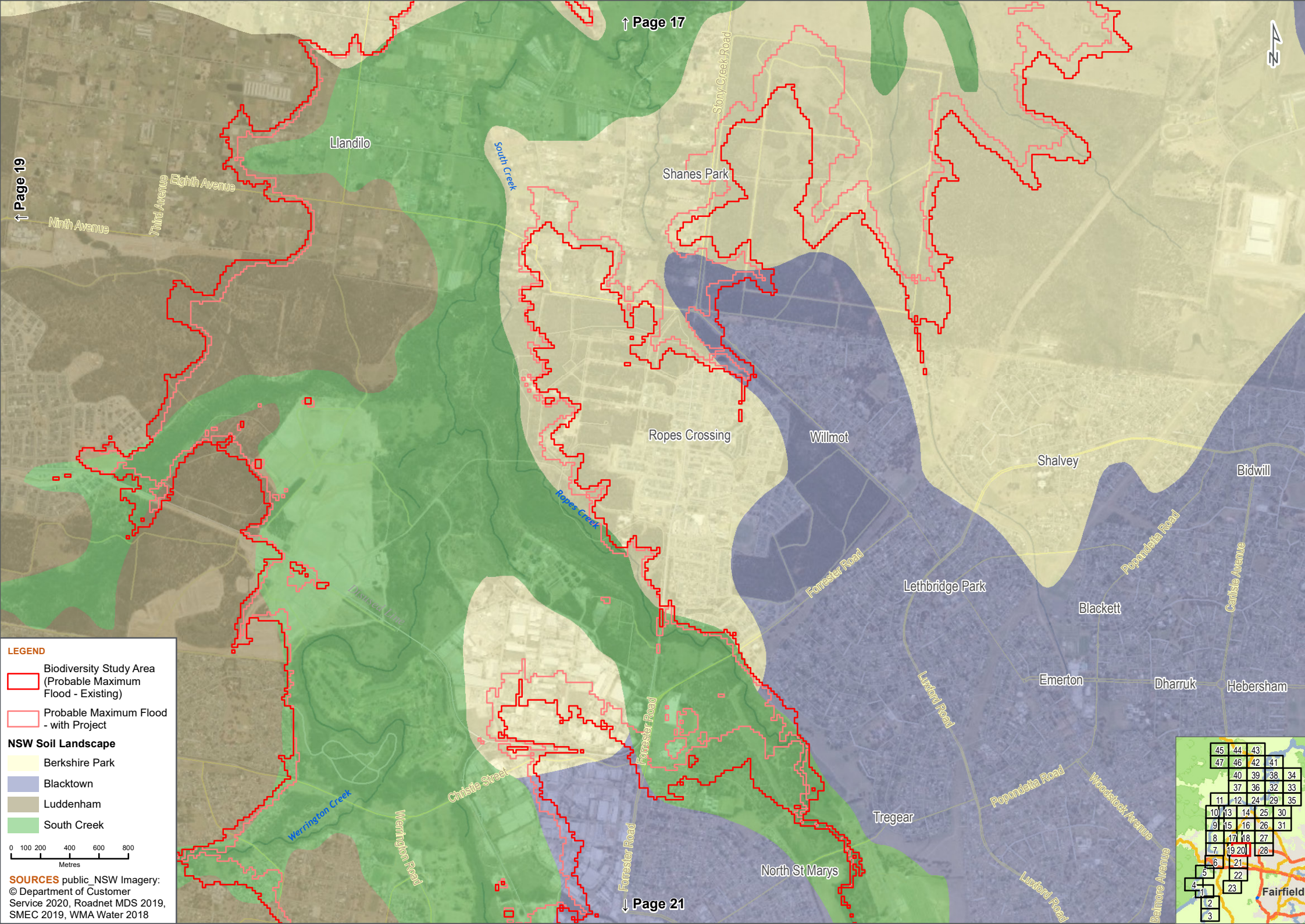
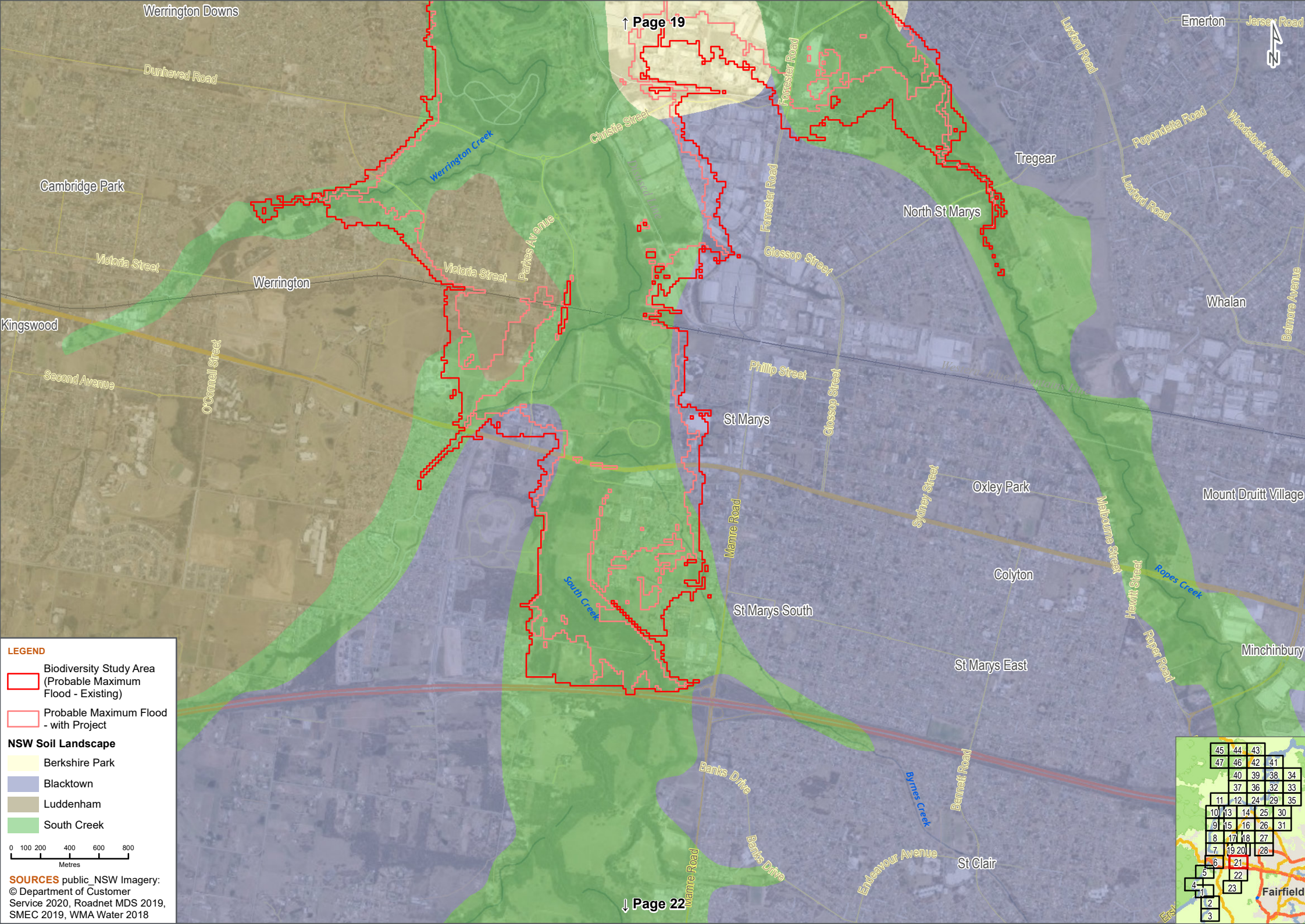
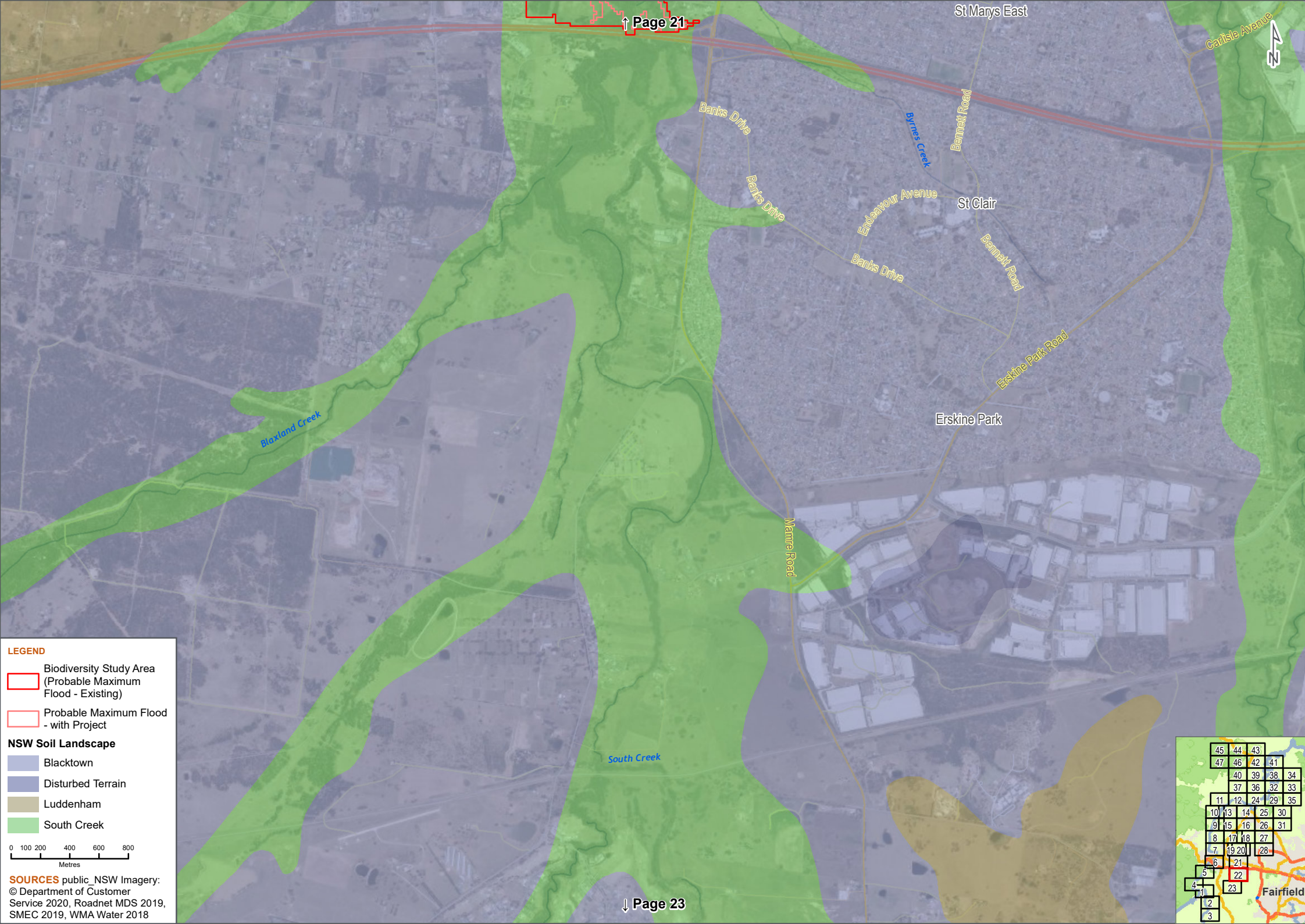

↑ Page 17
↑ Page 19
↓ Page 21
N
Llandilo
Ninth Avenue
Third Avenue
Eighth Avenue
South Creek
Stony Creek Road
Shanes Park
Ropes Crossing
Willmot
Shalvey
Bidwill
Ropes Creek
Forrester Road
Lethbridge Park
Blackett
Poponderta Road
Carlisle Avenue
Luxford Road
Emerton
Dharruk
Hebersham
Tregear
Woodstock Avenue
Werrington Creek
Werrington Road
Christie Street
North St Marys
Belmore Avenue
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Luddenham
South Creek
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 19
Werrington Downs
Dunheved Road
Cambridge Park
Victoria Street
Werrington
Kingswood
Second Avenue
O'Connell Street
Werrington Creek
Christie Street
Parkes Avenue
Victoria Street
Forrester Road
Glossop Street
Phillip Street
St Marys
Glossop Street
Manre Road
South Creek
St Marys South
Sydney Street
Oxley Park
Melbourne Street
Hewitt Street
Colyton
Ropes Creek
Roper Road
St Marys East
Minchinbury
Mount Druitt Village
Whalan
Belmore Avenue
Tregear
North St Marys
Luxford Road
Poponidita Road
Woodstock Avenue
Emerton
Jersey Road
Banks Drive
Byrnes Creek
Bennett Road
Endeavour Avenue
St Clair
Manre Road
Banks Drive
↓ Page 22
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Luddenham
South Creek
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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St Marys East
Carlisle Avenue
Banks Drive
Byrnes Creek
Bennett Road
Banks Drive
Endeavour Avenue
St Clair
Banks Drive
Bennett Road
Erskine Park Road
Blaxland Creek
Erskine Park
Mamre Road
South Creek
↓ Page 23
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Blacktown
Disturbed Terrain
Luddenham
South Creek
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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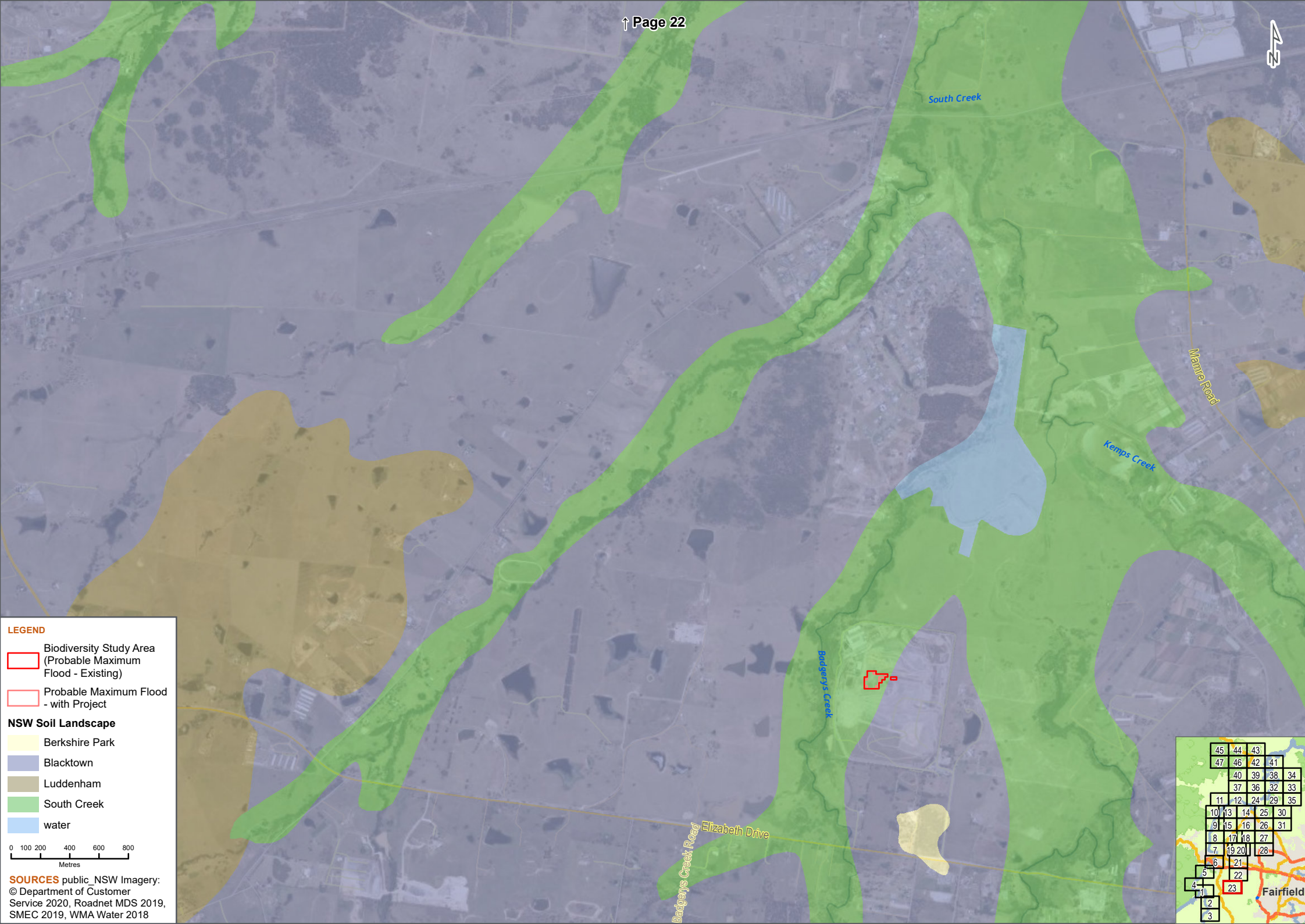
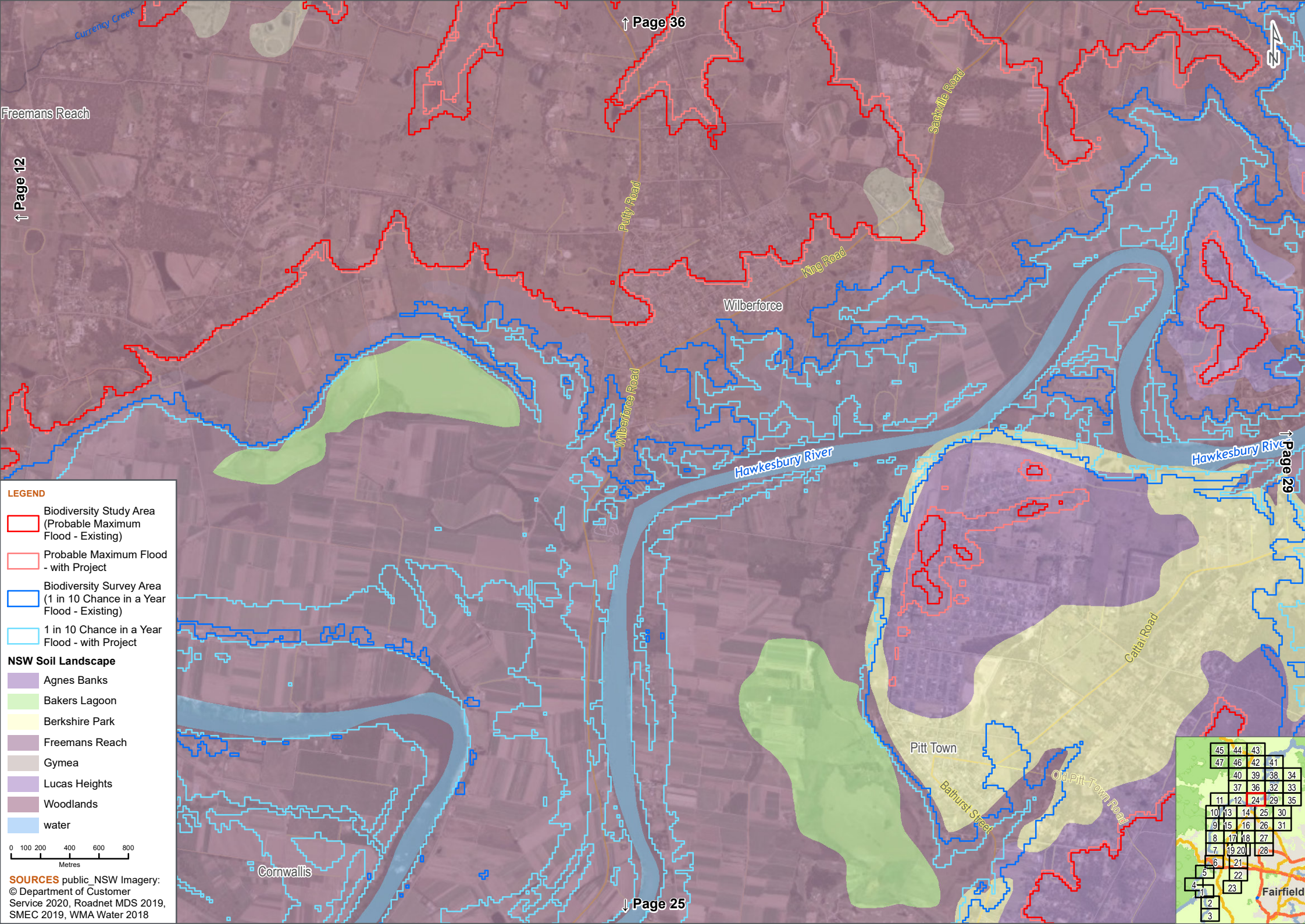
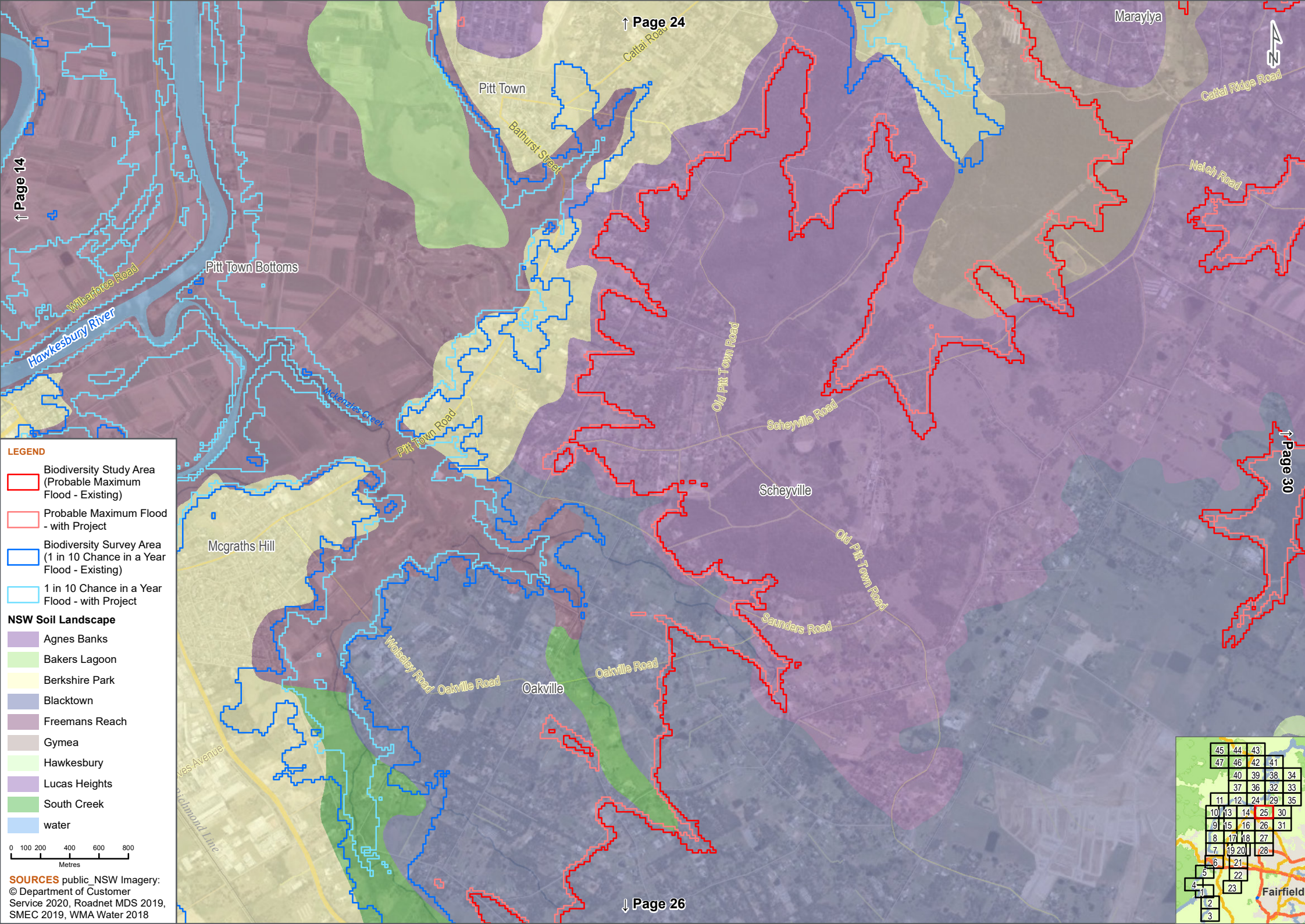
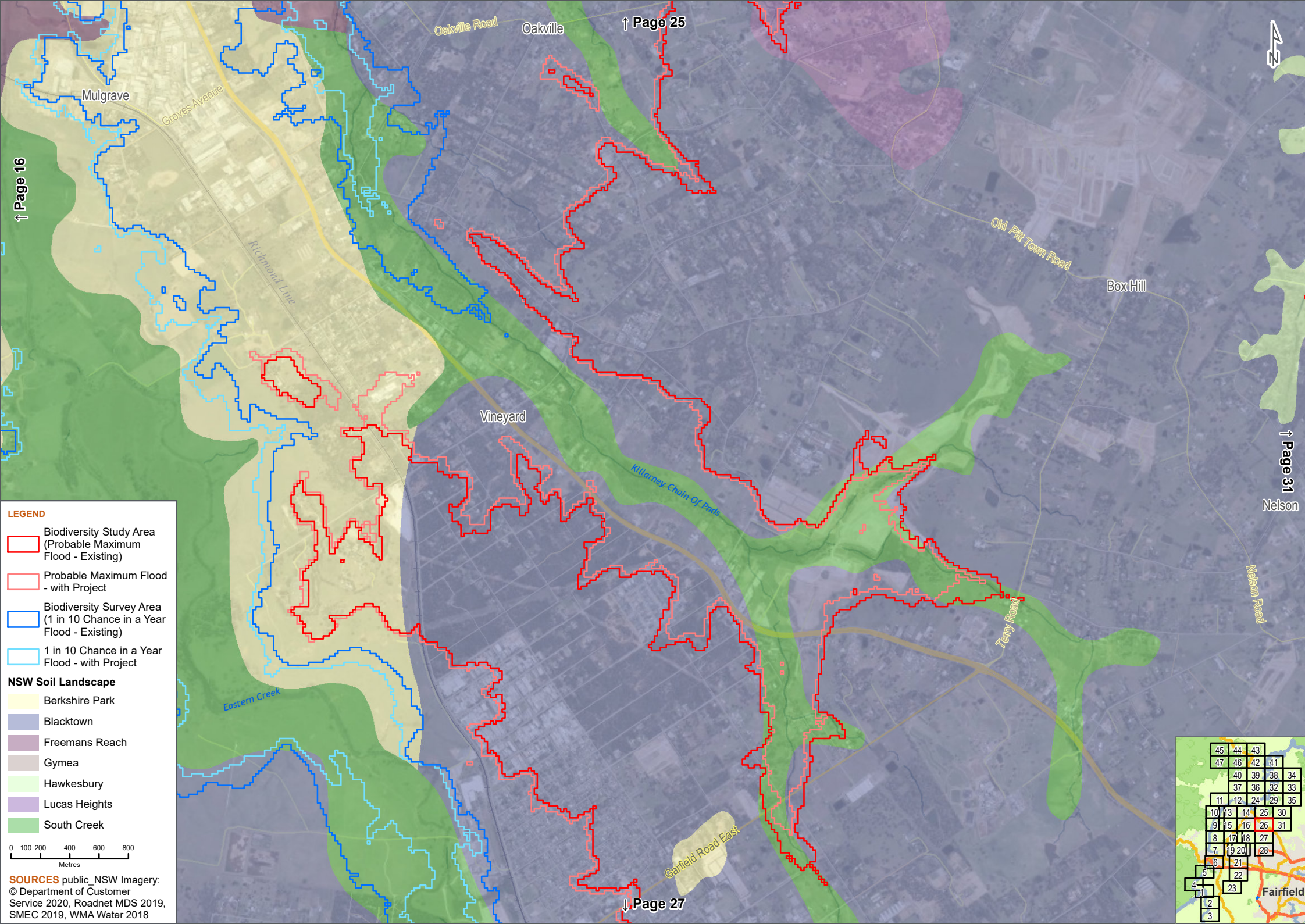
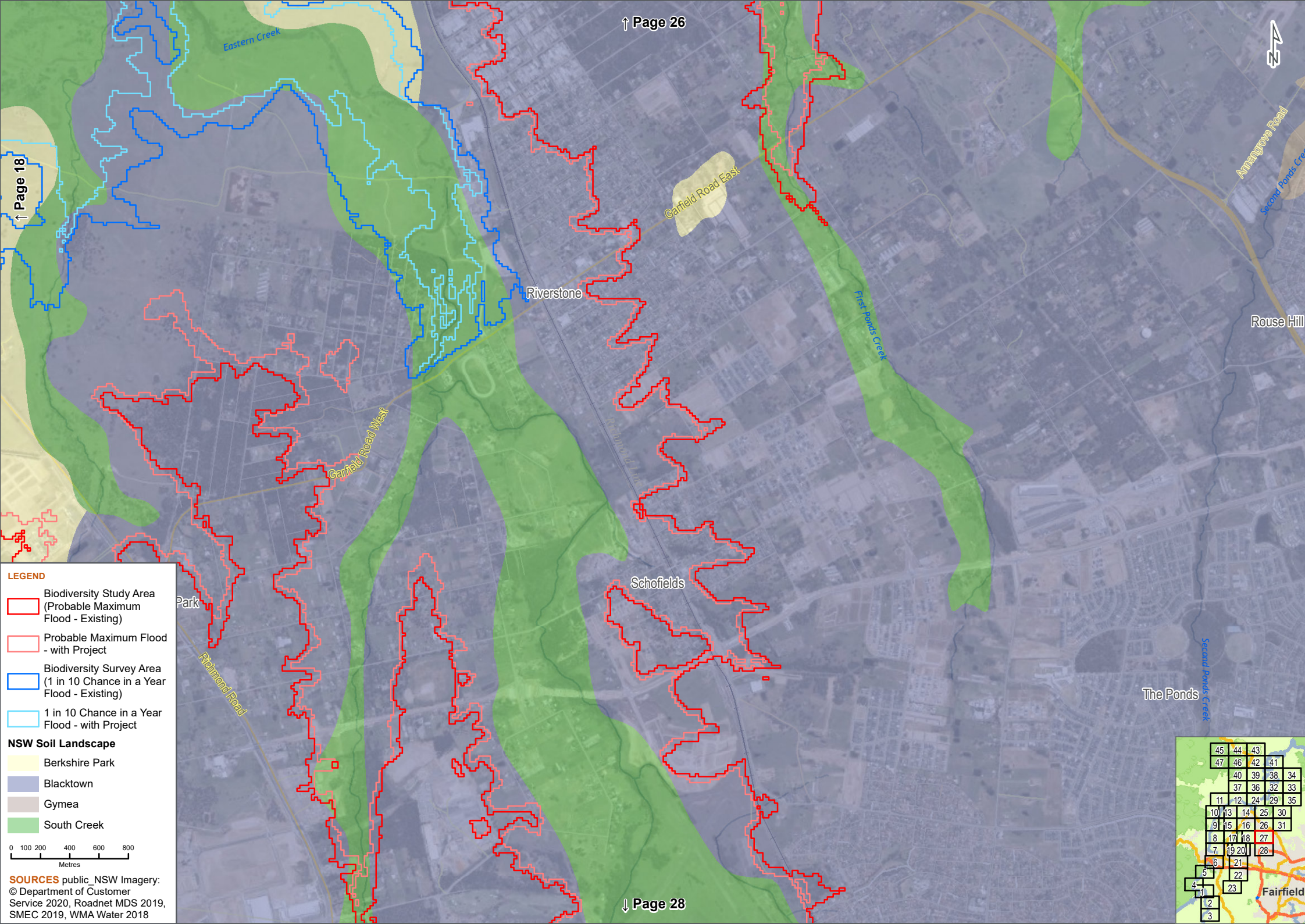
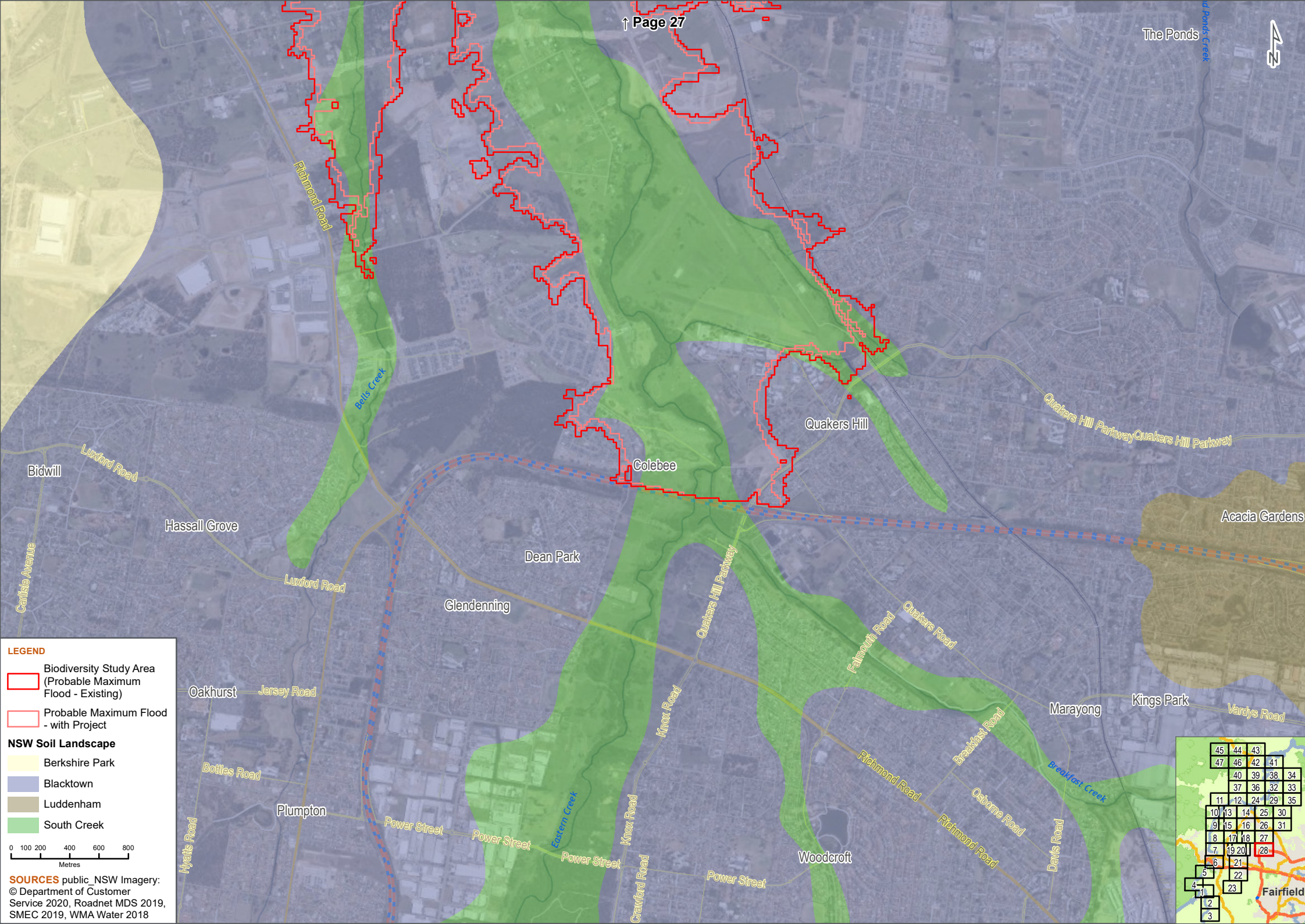

South Creek
Mamre Road
Kemps Creek
Badgerys Creek
Badgerys Creek Road
Elizabeth Drive
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Luddenham
South Creek
water
0 100 200 400 600 800
Metres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

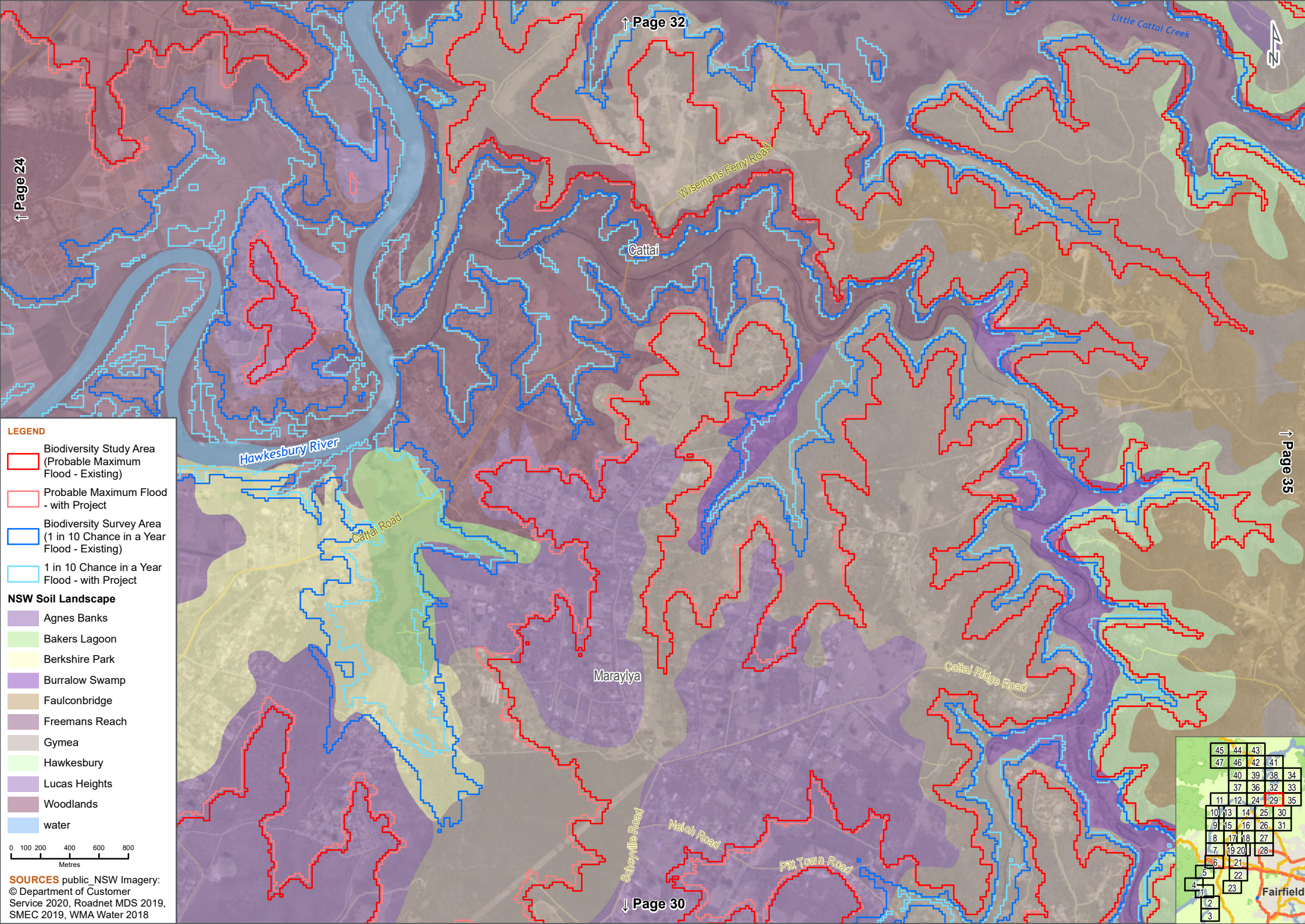

↑ Page 36
Currency Creek
Freemans Reach
↑ Page 12
Putty Road
Sackville Road
King Road
Wilberforce
Wilberforce Road
Hawkesbury River
Hawkesbury River
↓ Page 29
Cattai Road
Pitt Town
Bathurst Street
Old Pitt Town Road
Cornwallis
↓ Page 25
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - 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
NSW Soil Landscape
Agnes Banks
Bakers Lagoon
Berkshire Park
Freemans Reach
Gymea
Lucas Heights
Woodlands
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

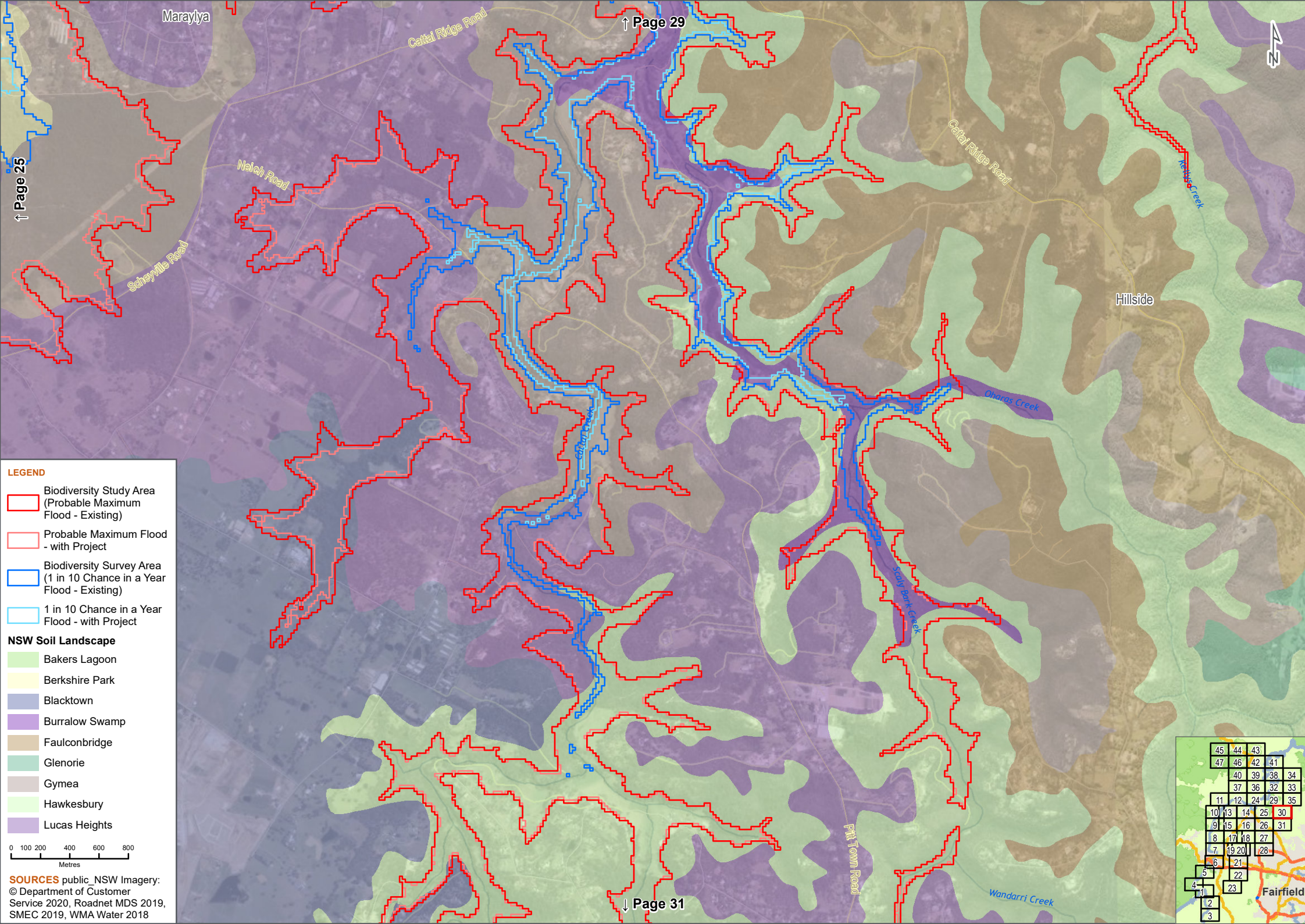

↑ Page 24
Maraylya
Pitt Town
Cattai Road
Bathurst Street
Cattai Ridge Road
Nelch Road
↑ Page 14
Pitt Town Bottoms
Wilberforce Road
Hawkesbury River
McKenzies Creek
Pitt Town Road
Old Pitt Town Road
Scheyville Road
Scheyville
↑ Page 30
Mcgraths Hill
Old Pitt Town Road
Saunders Road
Wolseley Road
Oakville Road
Oakville
Oakville Road
Richmond Line
↓ Page 26
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
NSW Soil Landscape
Agnes Banks
Bakers Lagoon
Berkshire Park
Blacktown
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
South Creek
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

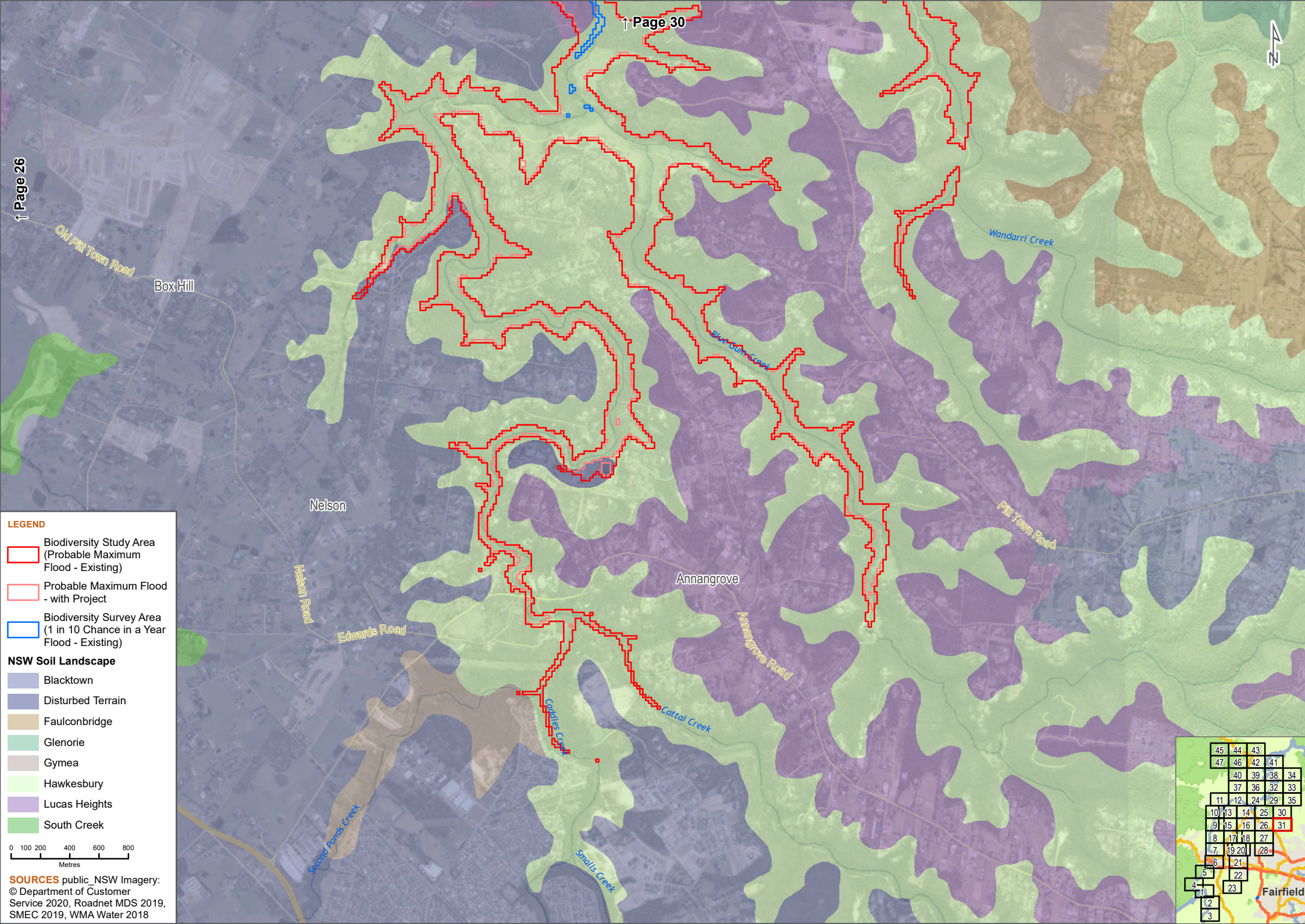

Oakville Road
Oakville
↑ Page 25
Mulgrave
Groves Avenue
↑ Page 16
Richmond Line
Old Pitt Town Road
Box Hill
Vineyard
Killarney Chain Of Ponds
↑ Page 31
Nelson
Nelson Road
Terry Road
Eastern Creek
Garfield Road East
↓ Page 27
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)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

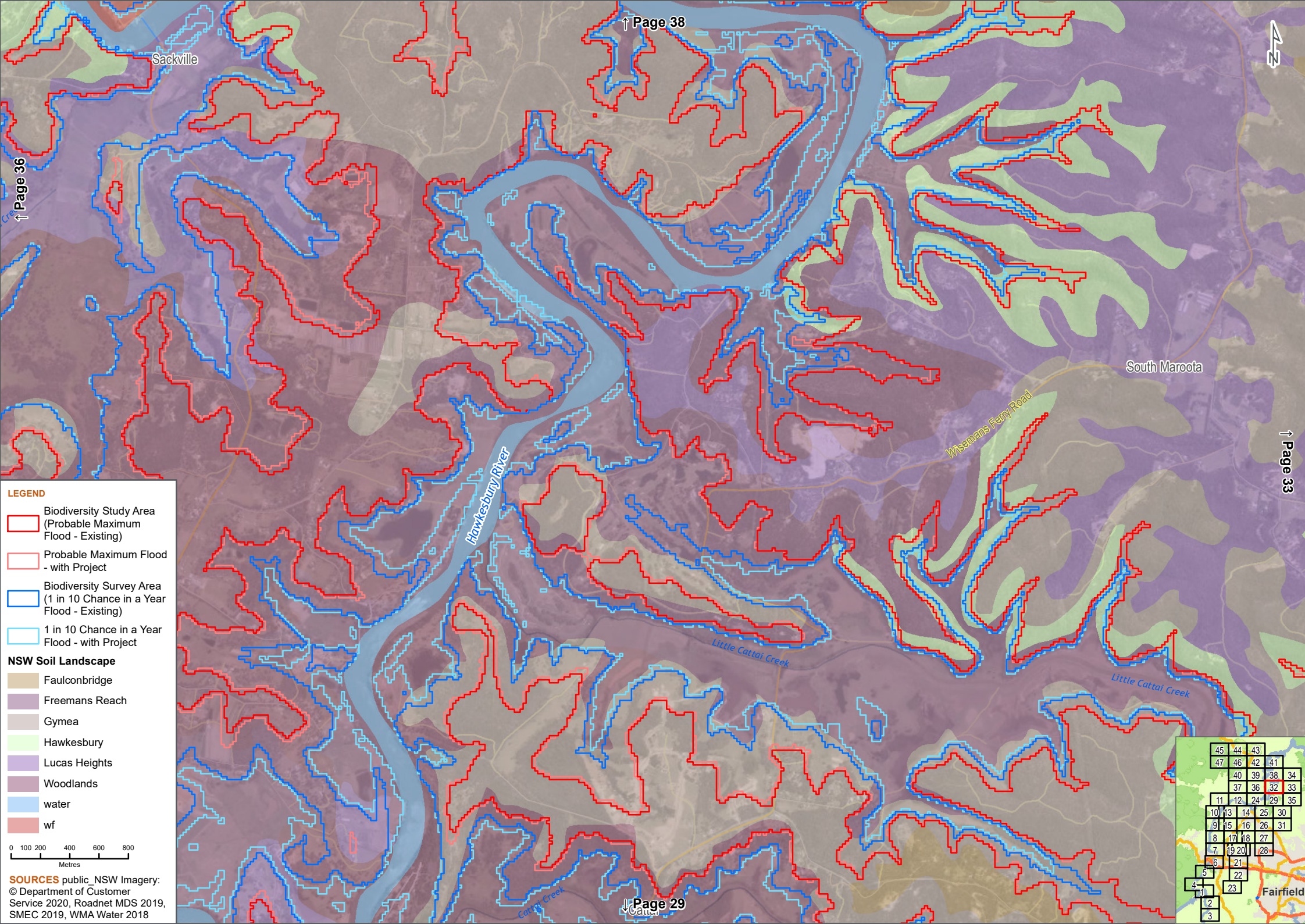

↑ Page 26
← Page 18
↓ Page 28
Eastern Creek
Garfield Road East
Garfield Road West
Riverstone
Schofields
Rouse Hill
The Ponds
First Ponds Creek
Second Ponds Creek
Annangrove Road
Richmond Road
Park
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Gymea
South Creek
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

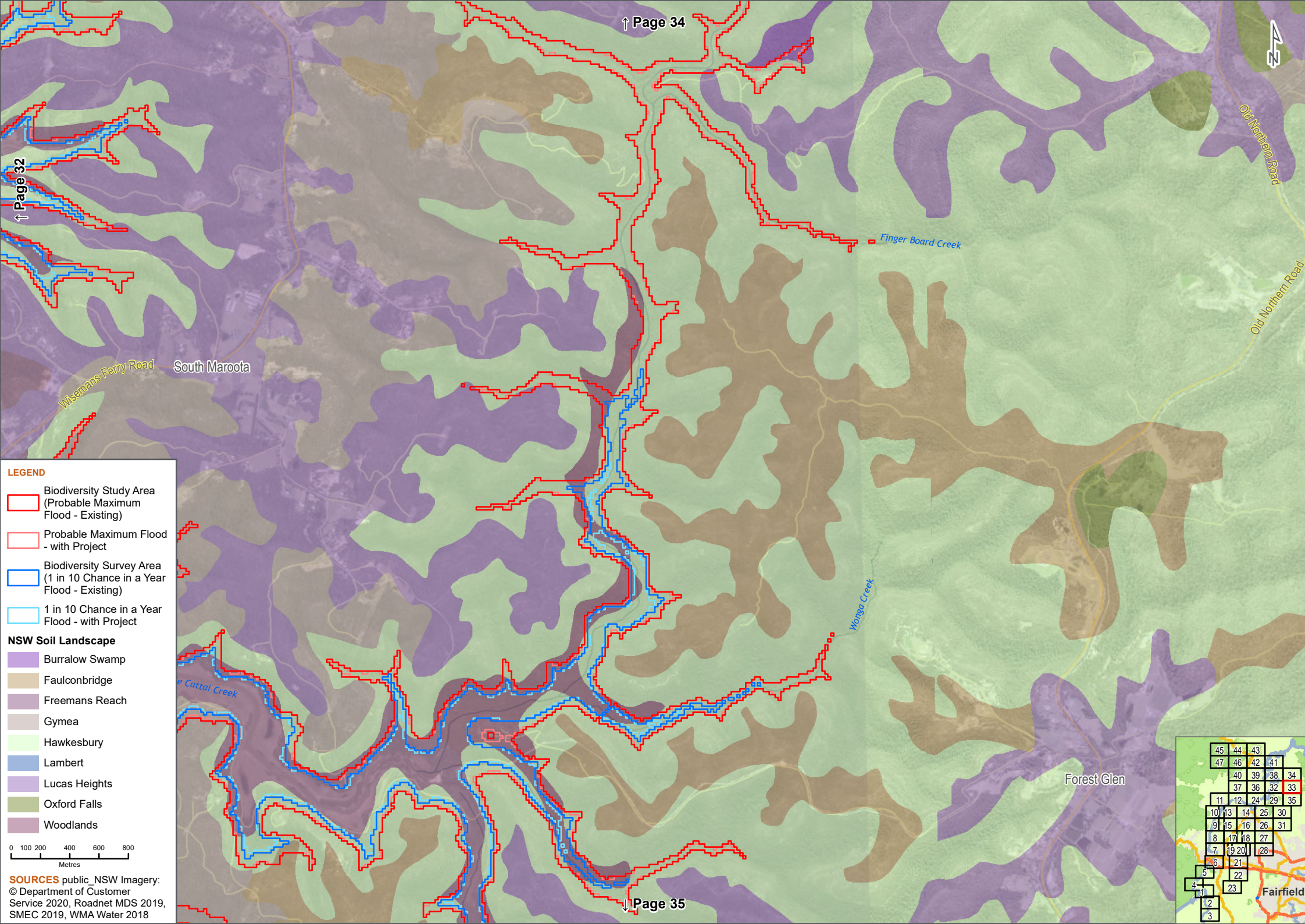

↑ Page 27
The Ponds
Richmond Road
Bells Creek
Quakers Hill
Quakers Hill Parkway
Colebee
Bidwill
Luxford Road
Hassall Grove
Carlisle Avenue
Dean Park
Glendenning
Acacia Gardens
Oakhurst
Jersey Road
Botilles Road
Plumpton
Hyatts Road
Power Street
Eastern Creek
Knox Road
Crawford Road
Woodcroft
Falmouth Road
Quakers Road
Marayong
Kings Park
Vardys Road
Breakfast Road
Breakfast Creek
Osborne Road
Davis Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
NSW Soil Landscape
Berkshire Park
Blacktown
Luddenham
South Creek
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

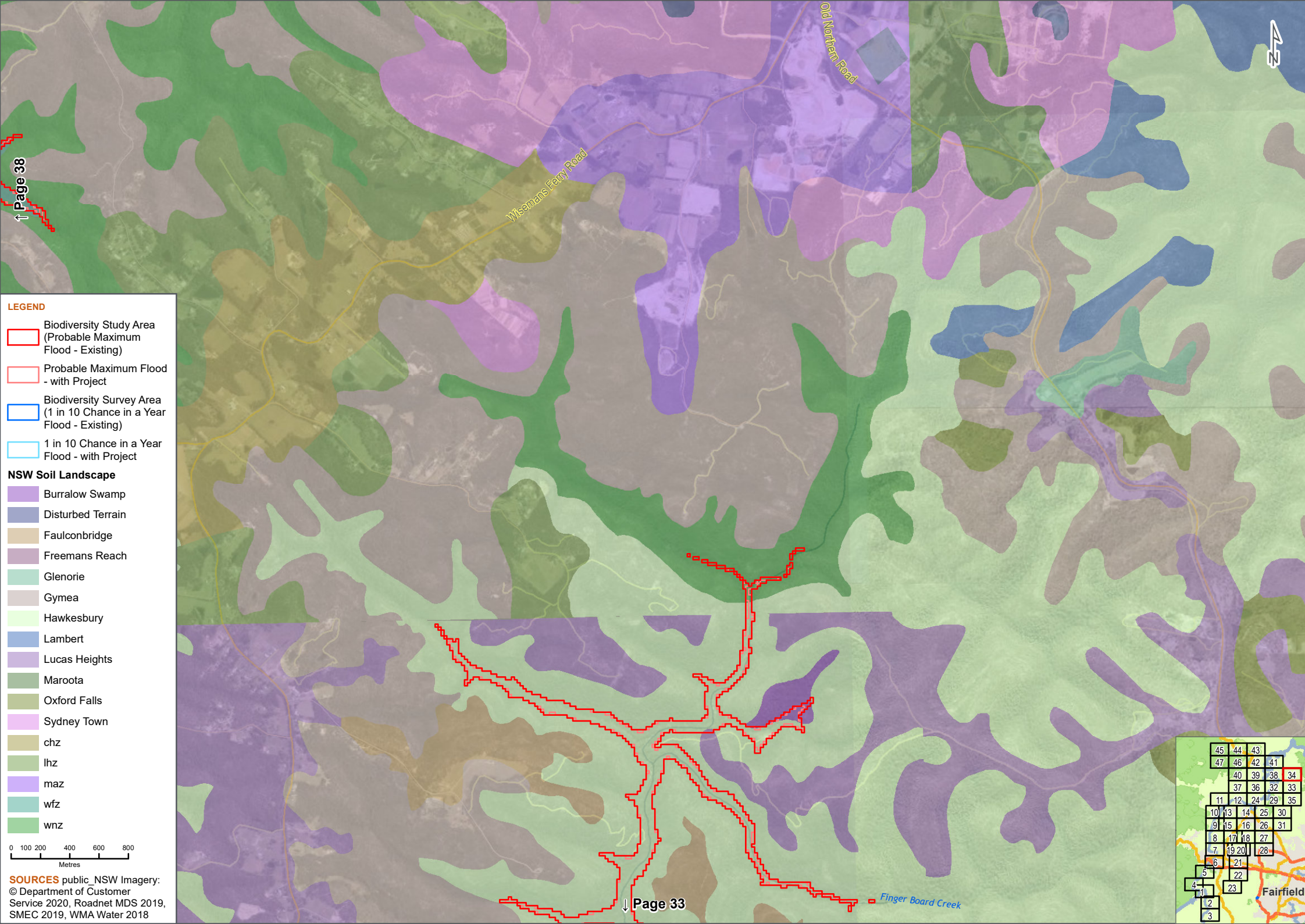

↑ Page 32
↑ Page 24
↓ Page 30
↓ Page 35
Little Cattai Creek
Wisemans Ferry Road
Cattai Creek
Cattai
Hawkesbury River
Cattai Road
Maraylya
Cattai Ridge Road
Schofylla Road
Nelch Road
Pitt Town Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Agnes Banks
Bakers Lagoon
Berkshire Park
Burralow Swamp
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Woodlands
water
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

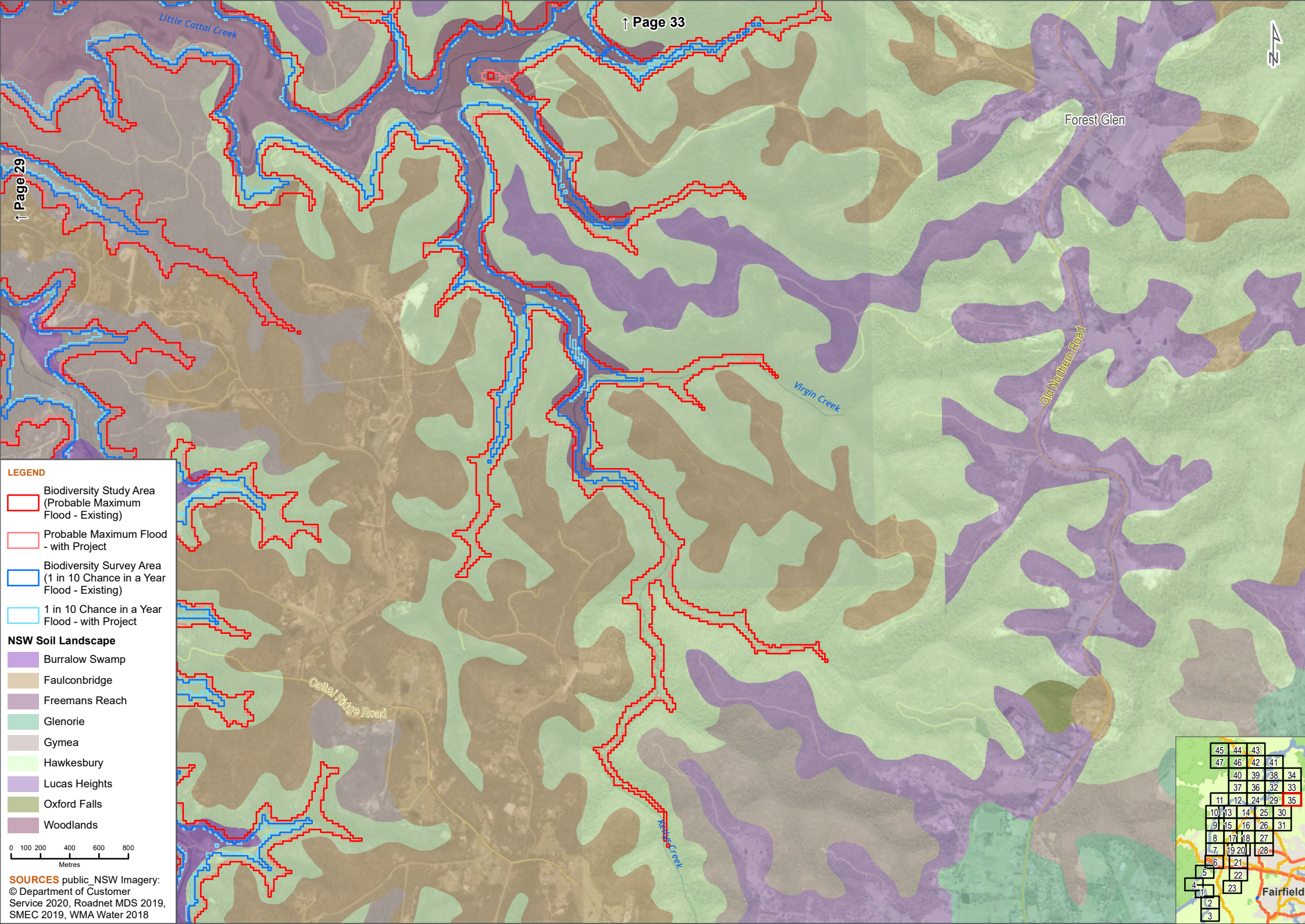

Maraylya
Cattai Ridge Road
↑ Page 29
↑ Page 25
Nelch Road
Schofville Road
Cattai Ridge Road
Reitys Creek
Hillside
Oharas Creek
Cattai Creek
Scaly Bark Creek
Pitt Town Road
Wandarri Creek
↓ Page 31
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Bakers Lagoon
Berkshire Park
Blacktown
Burralow Swamp
Faulconbridge
Glenorie
Gymea
Hawkesbury
Lucas Heights
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

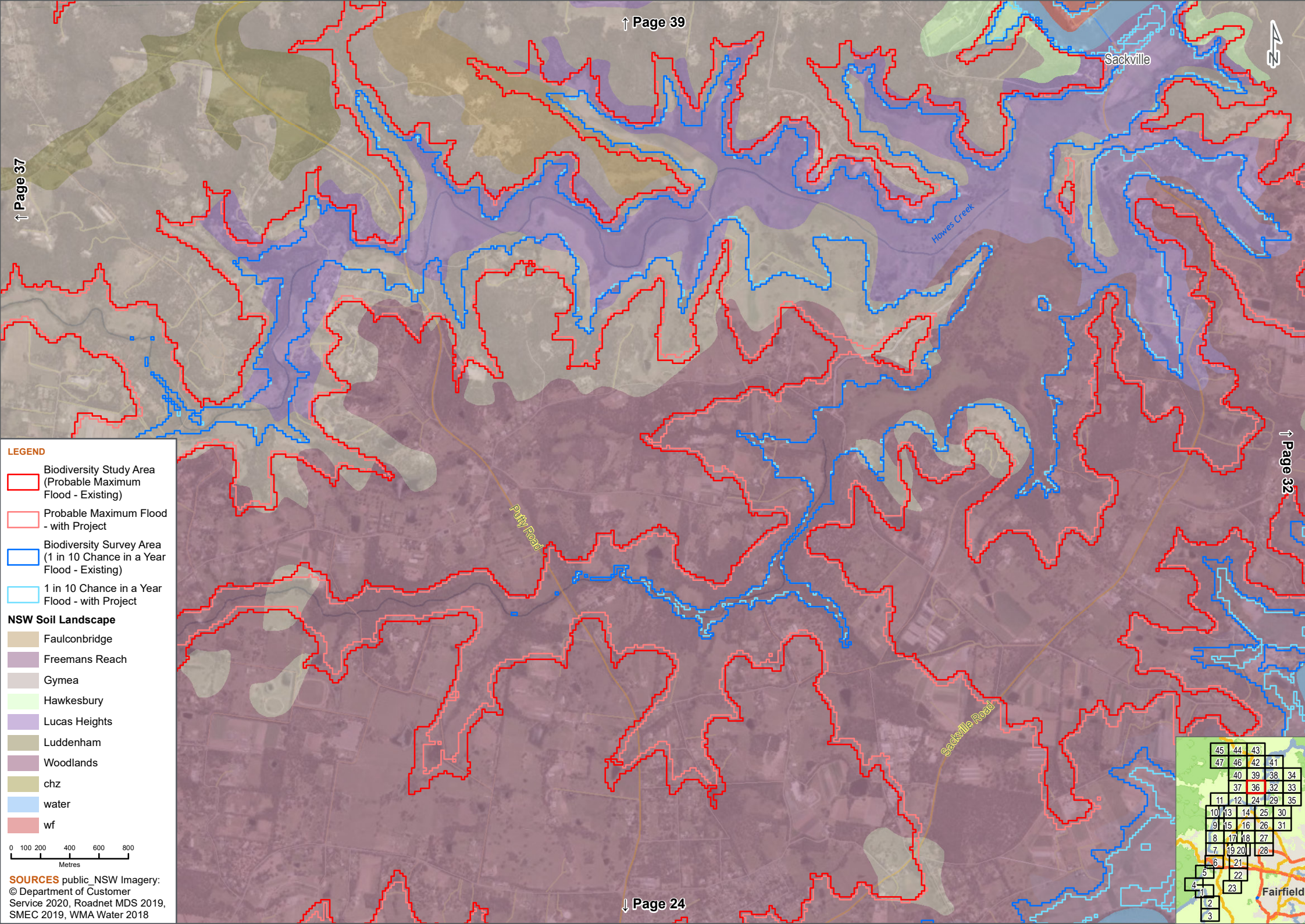

↑ Page 30
↑ Page 26
N
Old Pitt Town Road
Box Hill
Nelson
Nelson Road
Edwards Road
Annangrove
Annangrove Road
Pitt Town Road
Wandarri Creek
Blue Gum Creek
Caddies Creek
Cattai Creek
Second Ponds Creek
Smalls Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
NSW Soil Landscape
Blacktown
Disturbed Terrain
Faulconbridge
Glenorie
Gymea
Hawkesbury
Lucas Heights
South Creek
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

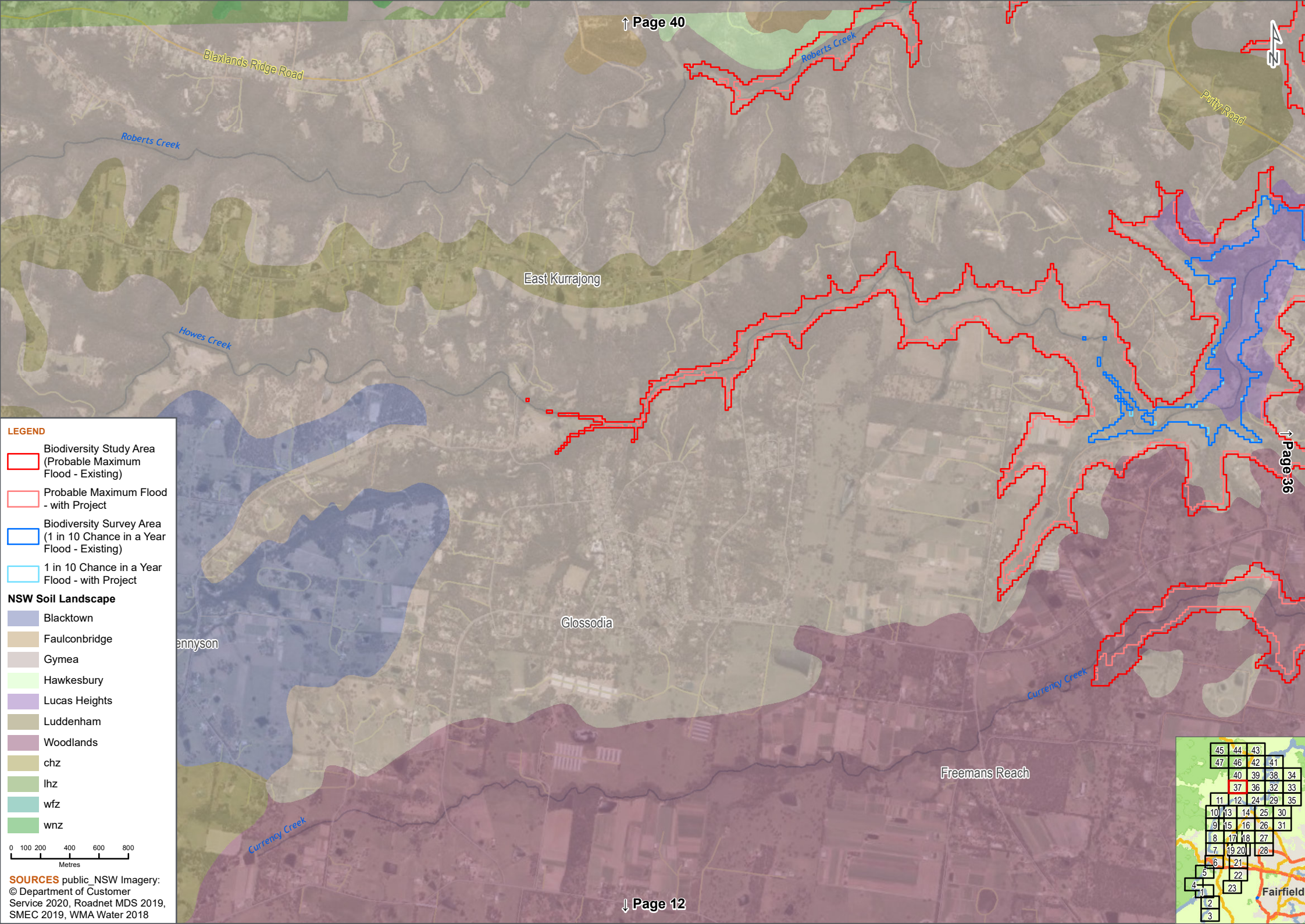

↑ Page 38
Sackville
← Page 36
South Maroota
Wisemans Ferry Road
Hawkesbury River
Little Cattai Creek
Little Cattai Creek
Cattai Creek
↓ Page 29
→ Page 33
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10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

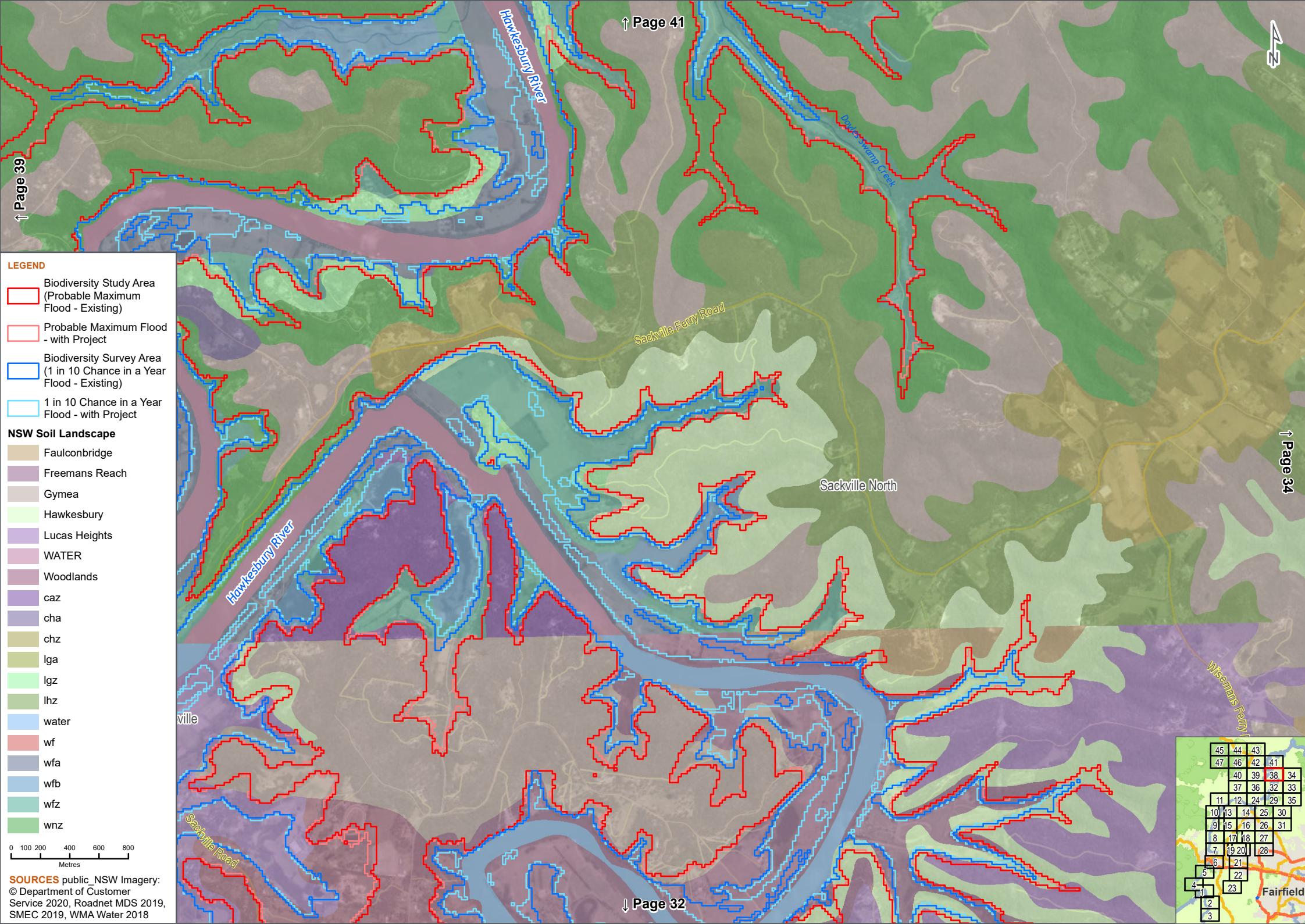

↑ Page 34
← Page 32
↓ Page 35
Finger Board Creek
Old Northern Road
Old Northern Road
Wisemans Ferry Road
South Maroota
Wonga Creek
Forest Glen
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Burralow Swamp
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lambert
Lucas Heights
Oxford Falls
Woodlands
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

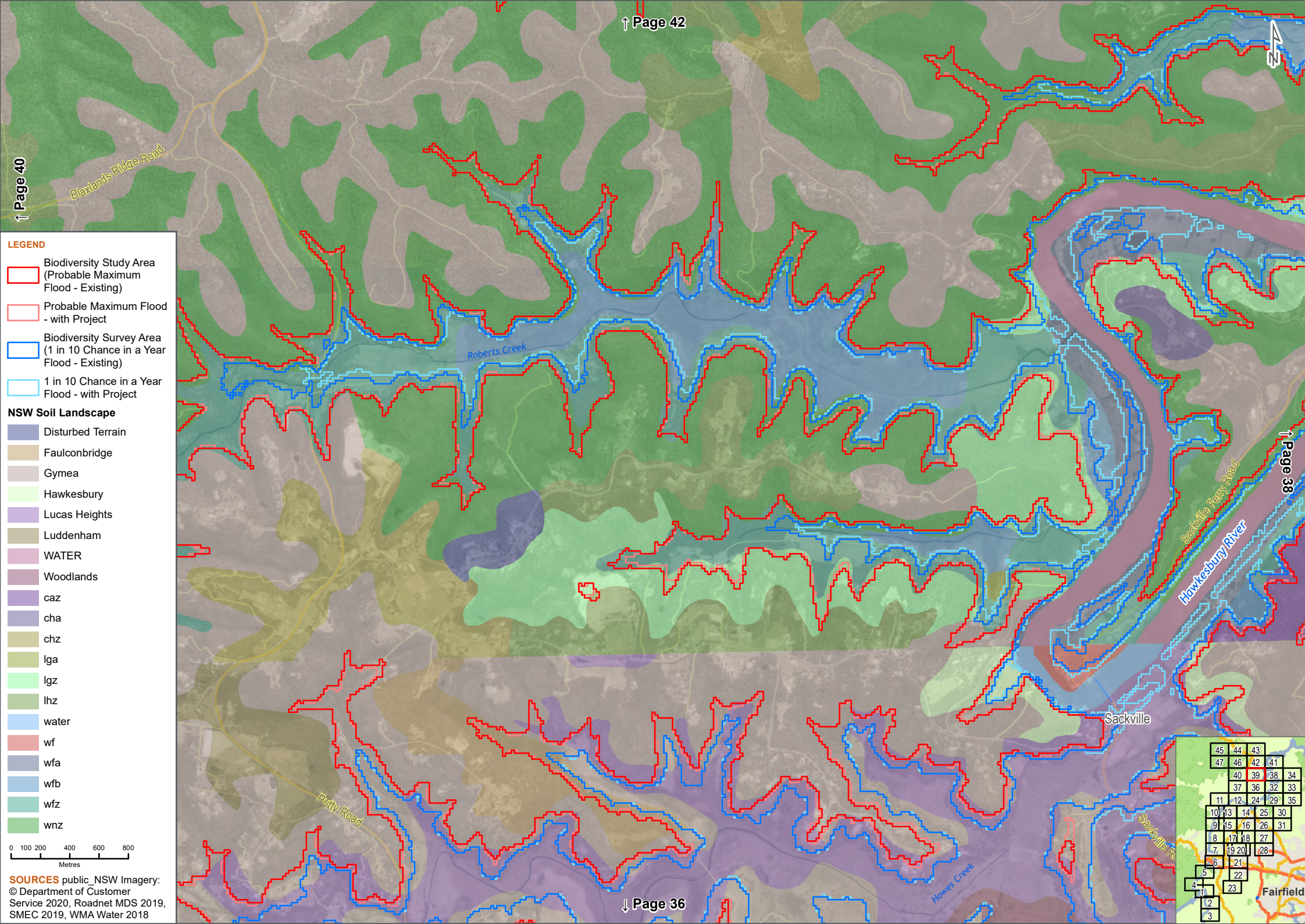

Old Northern Road
Wisemans Ferry Road
Finger Board Creek
Page 38
Page 33
N
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Burralow Swamp
Disturbed Terrain
Faulconbridge
Freemans Reach
Glenorie
Gymea
Hawkesbury
Lambert
Lucas Heights
Maroota
Oxford Falls
Sydney Town
chz
lhz
maz
wfz
wnz
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

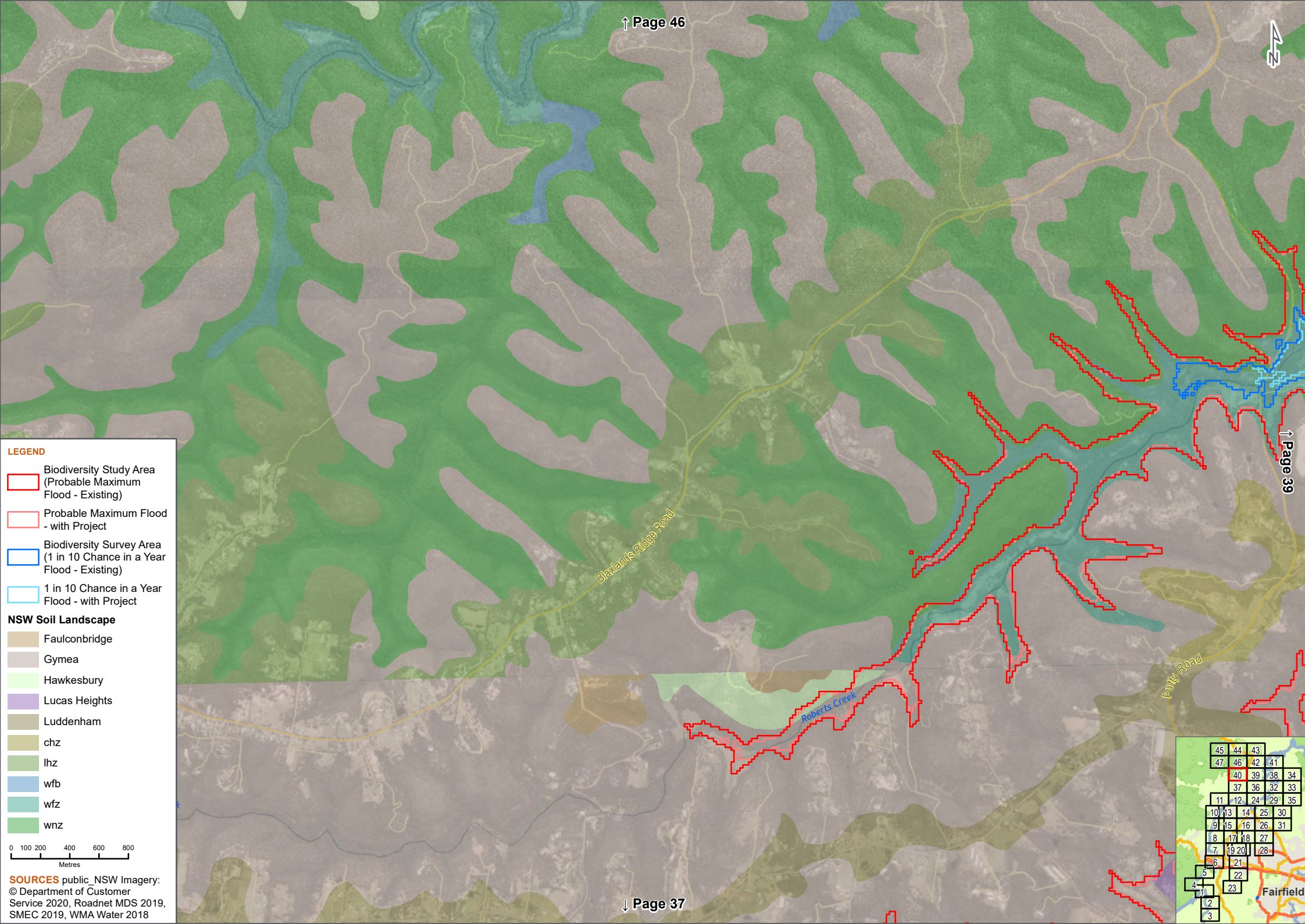

↑ Page 33
← Page 29
Little Cattai Creek
Forest Glen
Old Northern Road
Virgin Creek
Cattai Ridge Road
Kitts Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Burralow Swamp
Faulconbridge
Freemans Reach
Glenorie
Gymea
Hawkesbury
Lucas Heights
Oxford Falls
Woodlands
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

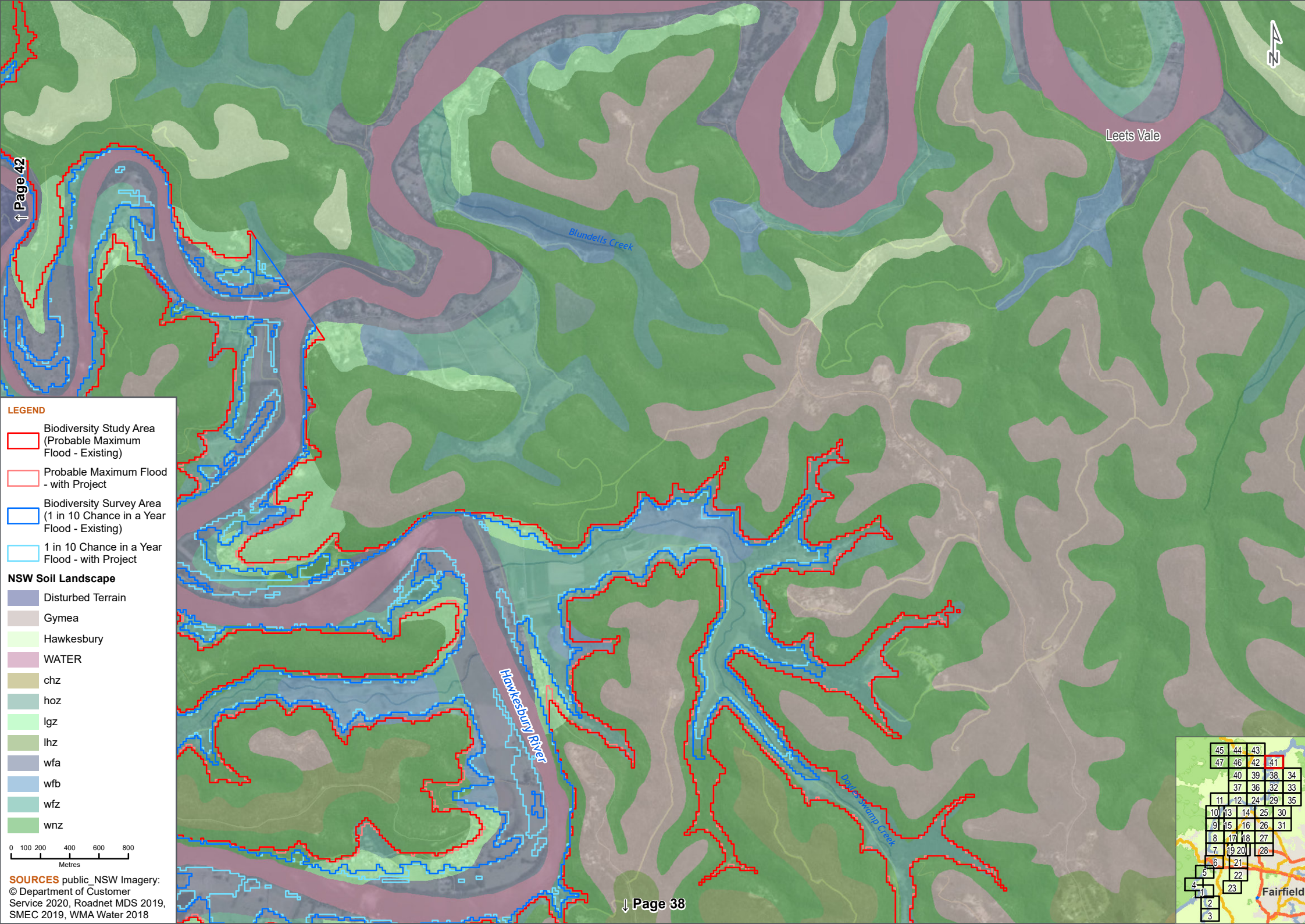

↑ Page 39
← Page 37
→ Page 32
↓ Page 24
Sackville
Howes Creek
Putty Road
Sackville Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
Luddenham
Woodlands
chz
water
wf
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

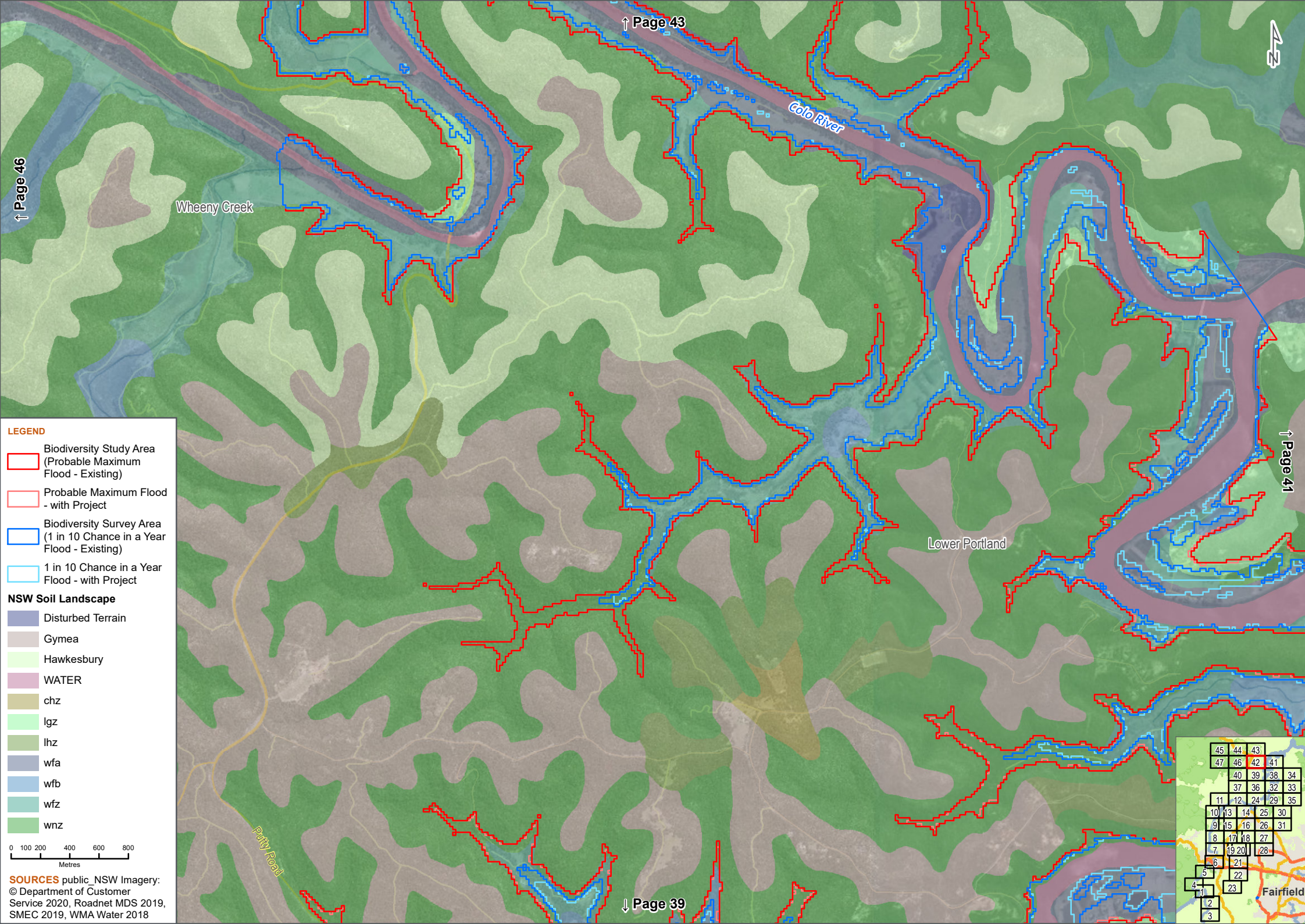

↑ Page 40
Blaxlands Ridge Road
Roberts Creek
Roberts Creek
Putty Road
East Kurrajong
Howes Creek
→ Page 36
Glossodia
Currency Creek
Currency Creek
Freemans Reach
Fairfield
↓ Page 12
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Blacktown
Faulconbridge
Gymea
Hawkesbury
Lucas Heights
Luddenham
Woodlands
chz
lhz
wfz
wnz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

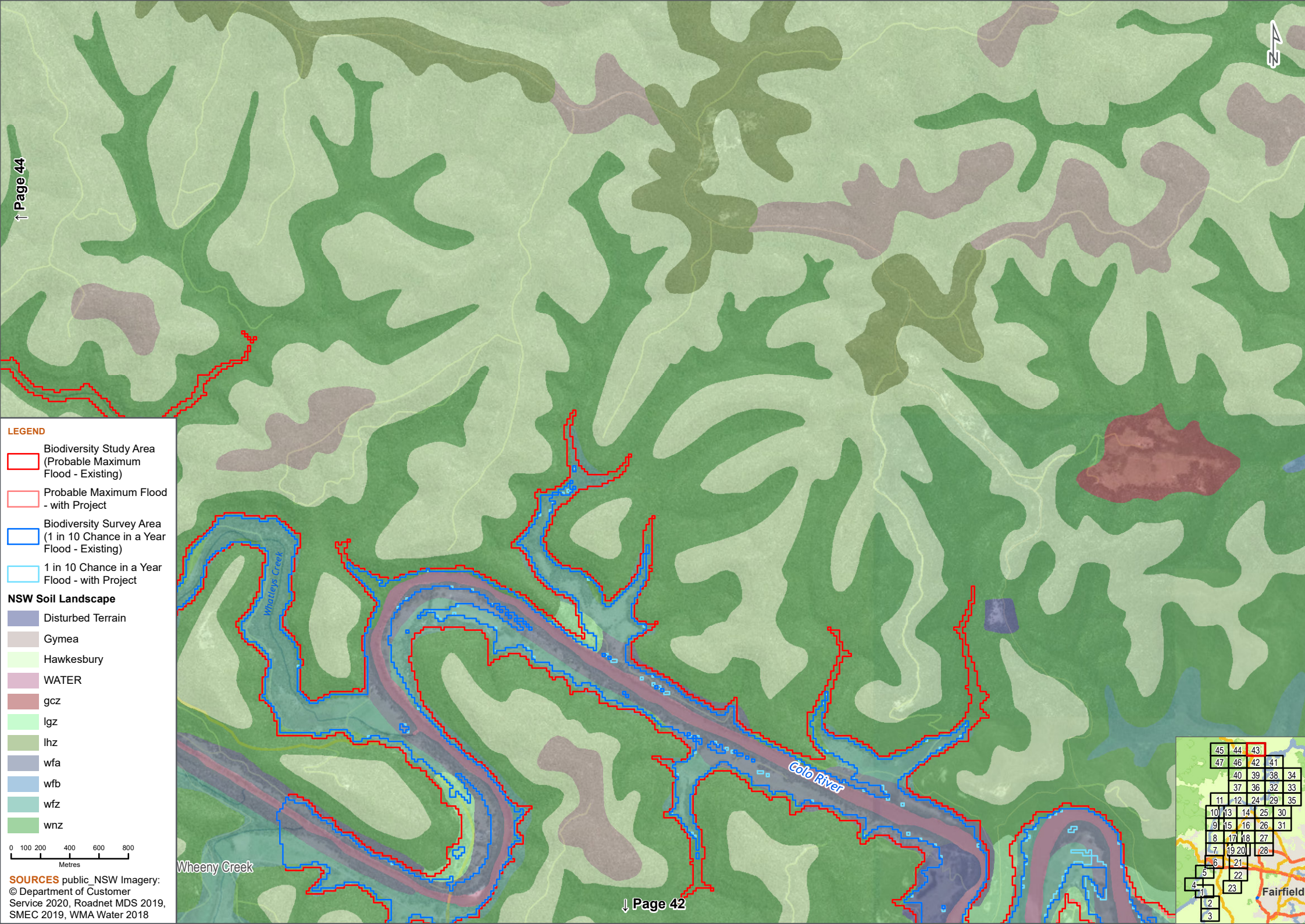

↑ Page 41
← Page 39
→ Page 34
↓ Page 32
Hawkesbury River
Dowlers Swamp Creek
Sackville Ferry Road
Sackville North
Hawkesbury River
Sackville Road
Wisemans Ferry
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Faulconbridge
Freemans Reach
Gymea
Hawkesbury
Lucas Heights
WATER
Woodlands
caz
cha
chz
lga
lgz
lhz
water
wf
wfa
wfb
wfz
wnz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

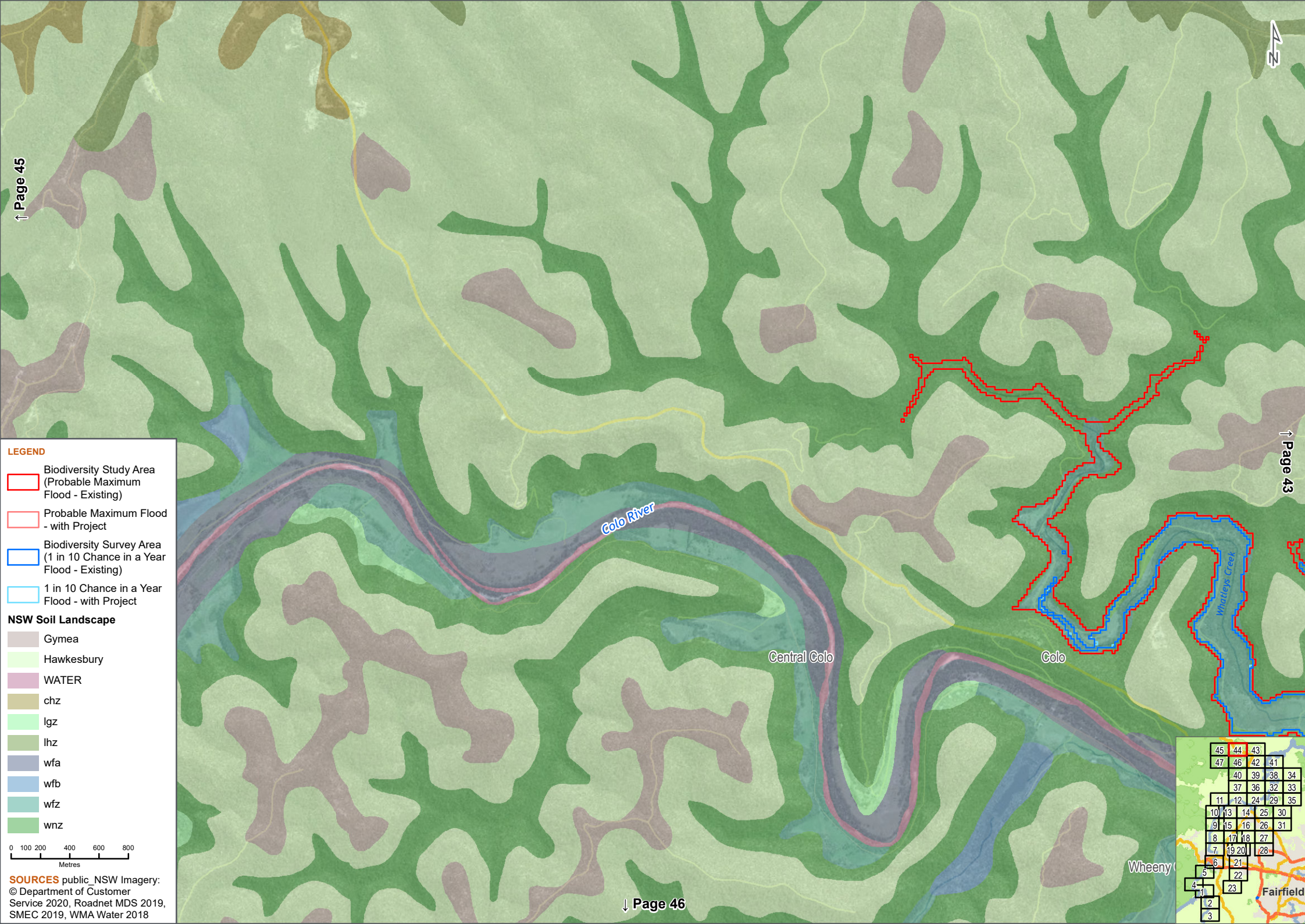

↑ Page 42
← Page 40
→ Page 38
↓ Page 36
N
Blaxlands Ridge Road
Roberts Creek
Sackville Ferry Road
Hawkesbury River
Sackville
Putty Road
Howes Creek
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Disturbed Terrain
Faulconbridge
Gymea
Hawkesbury
Lucas Heights
Luddenham
WATER
Woodlands
caz
cha
chz
lga
lgz
lhz
water
wf
wfa
wfb
wfz
wnz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

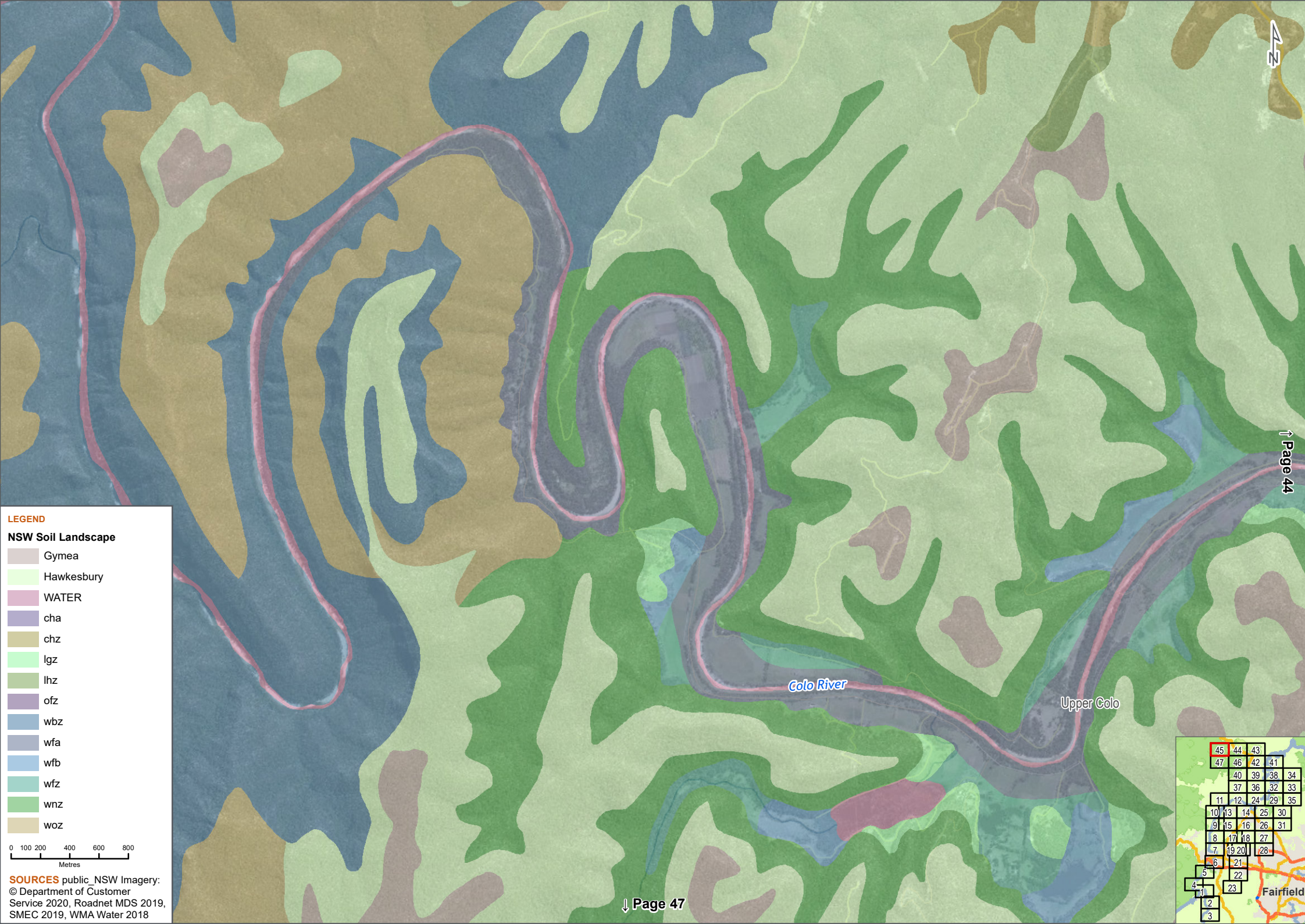

↑ Page 46
↓ Page 37
→ Page 39
Blaxlands Ridge Road
Roberts Creek
Purtle Road
Fairfield
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Faulconbridge
Gymea
Hawkesbury
Lucas Heights
Luddenham
chz
lhz
wfb
wfz
wnz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018

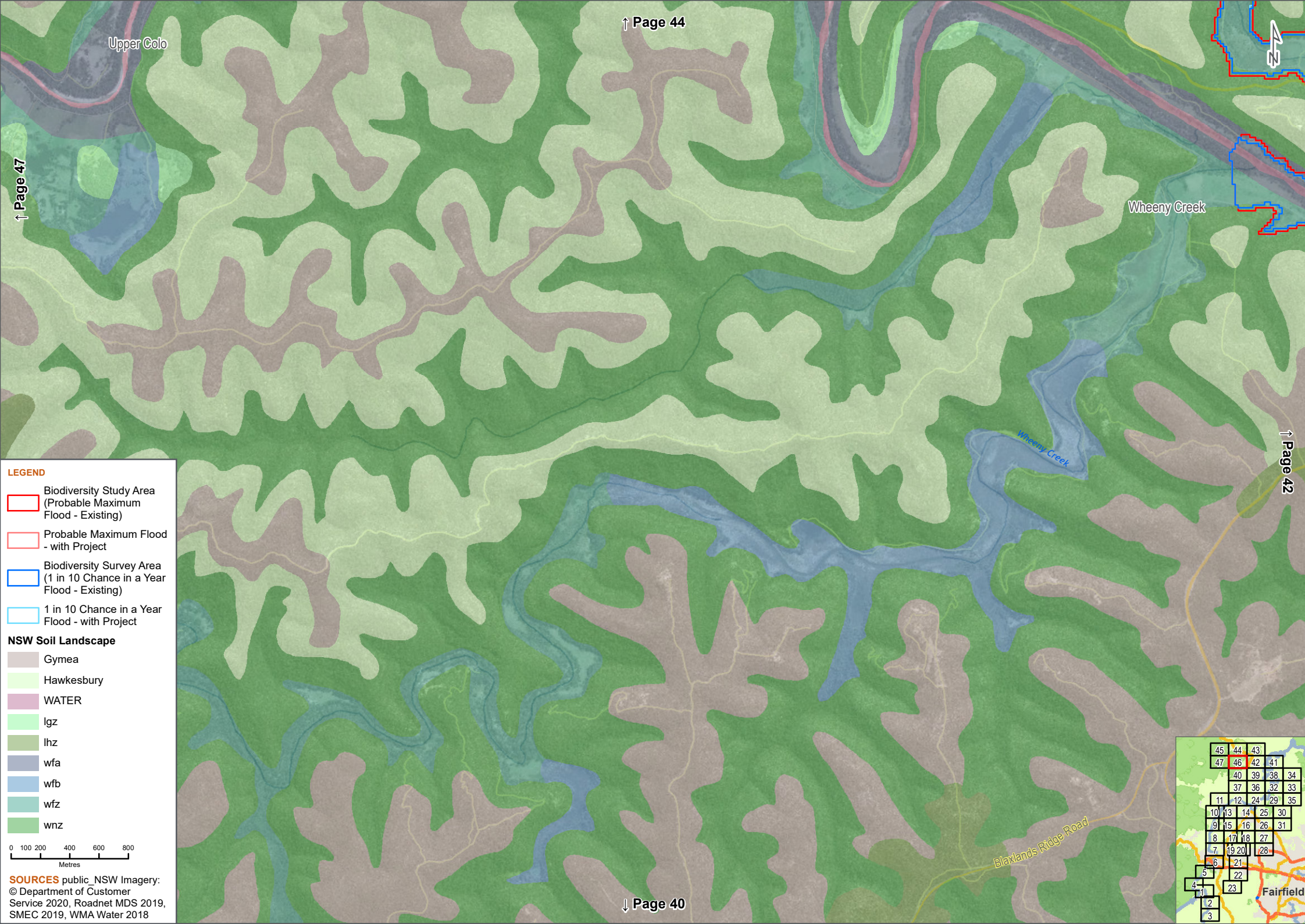

Leets Vale
Blundells Creek
Hawkesbury River
Dowlers Swamp Creek
Fairfield
↑ Page 42
↓ Page 38
N
LEGEND
Biodiversity Study Area (Probable Maximum Flood - Existing)
Probable Maximum Flood - with Project
Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
1 in 10 Chance in a Year Flood - with Project
NSW Soil Landscape
Disturbed Terrain
Gymea
Hawkesbury
WATER
chz
hoz
lgz
lhz
wfa
wfb
wfz
wnz
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
↑ Page 46
↓ Page 39
↓ Page 41
Wheeny Creek
Colo River
Lower Portland
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
NSW Soil Landscape
Disturbed Terrain
Gymea
Hawkesbury
WATER
chz
lgz
lhz
wfa
wfb
wfz
wnz
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
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
NSW Soil Landscape
Disturbed Terrain
Gymea
Hawkesbury
WATER
gcz
lgz
lhz
wfa
wfb
wfz
wnz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018
Whatleys Creek
Colo River
Wheeny Creek
↓ Page 42
Fairfield


← Page 45
N
→ 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
NSW Soil Landscape
Gymea
Hawkesbury
WATER
chz
lgz
lhz
wfa
wfb
wfz
wnz
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
NSW Soil Landscape
Gymea
Hawkesbury
WATER
cha
chz
lgz
lhz
ofz
wbz
wfa
wfb
wfz
wnz
woz
0 100 200 400 600 800
Metres
SOURCES public_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018
Colo River
Upper Colo
Fairfield
Page 44
Page 47


↑ Page 44
Upper Colo
← Page 47
Wheeny Creek
Wheeny Creek
→ 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
NSW Soil Landscape
Gymea
Hawkesbury
WATER
lgz
lhz
wfa
wfb
wfz
wnz
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
Colo River
Upper Colo
Gospers Creek
Wheeny Creek
↑ Page 46
LEGEND
NSW Soil Landscape
Gymea
Hawkesbury
WATER
cha
lgz
lhz
ofz
wbz
wfa
wfb
wfz
wnz
woz
0 100 200 400 600 800
Metres
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Fairfield

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