



Artist's Impression

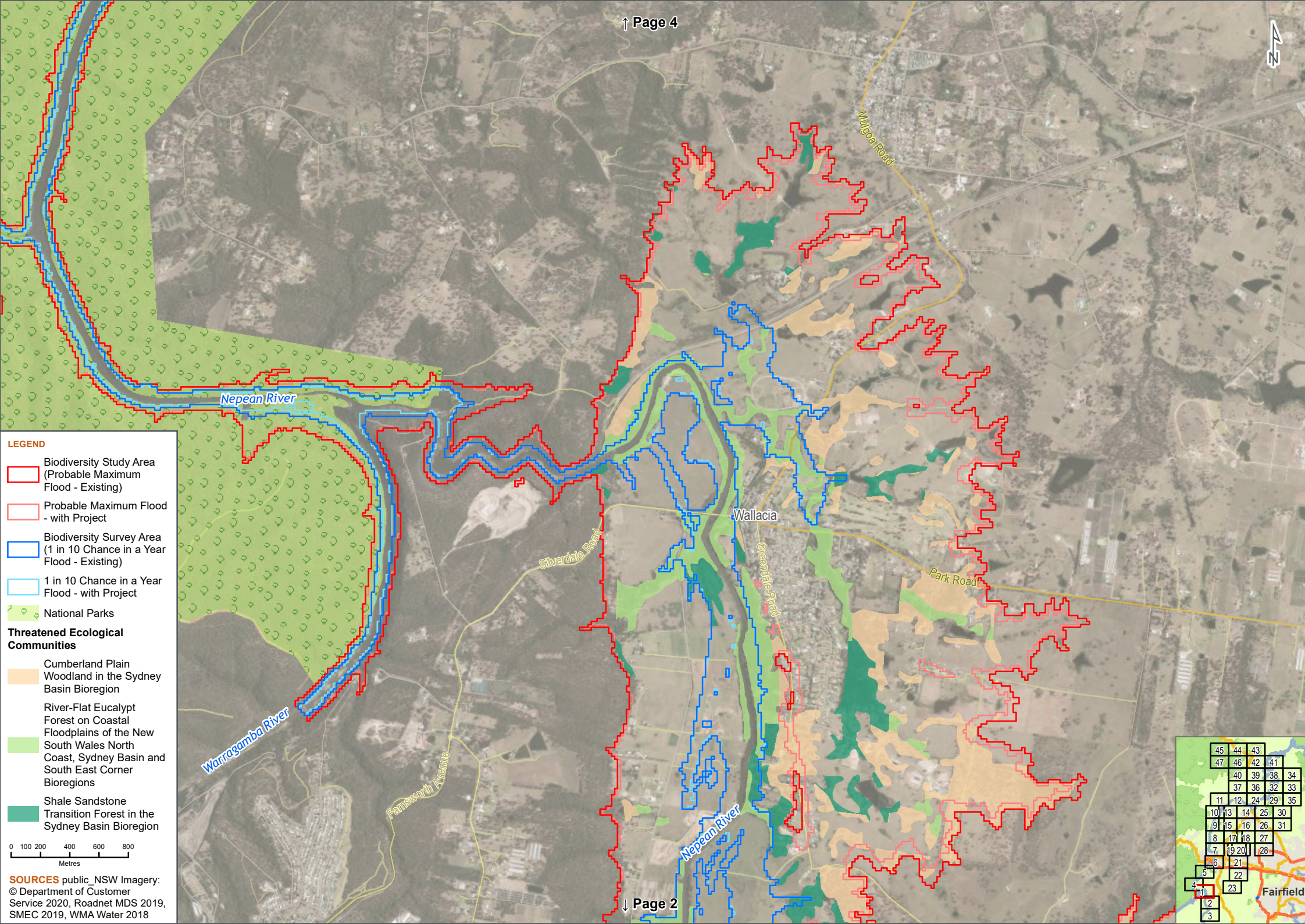
## Environmental Impact Statement-Appendix F2: Downstream Ecological Assessment

# Warragamba Dam Raising

Reference No. 30012078  
Prepared for WaterNSW  
10 September 2021

Appendix I – Part 4: Threatened ecological communities





**LEGEND**

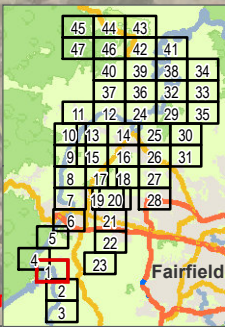
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- National Parks

**Threatened Ecological Communities**

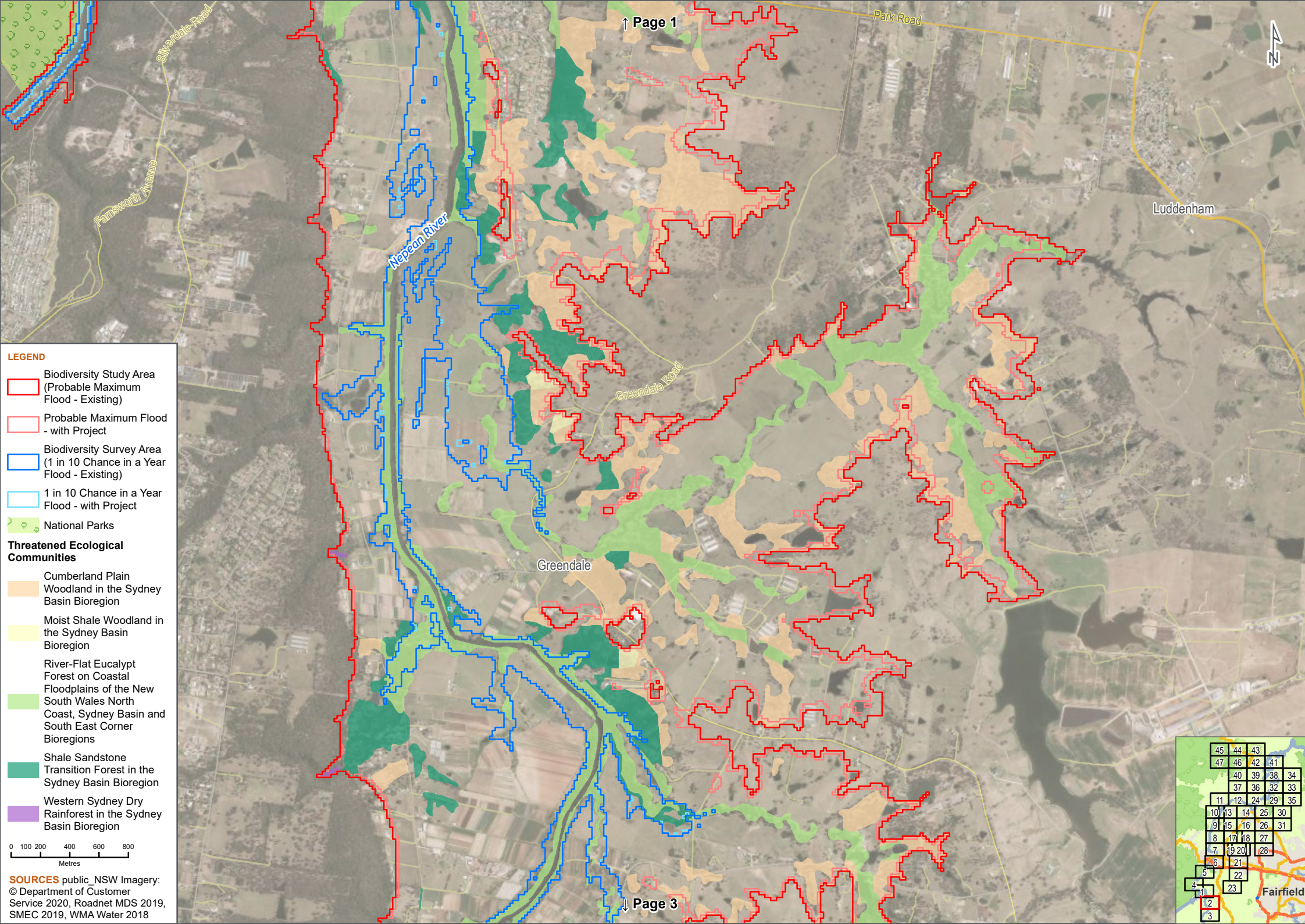
- Cumberland Plain Woodland in the Sydney Basin Bioregion
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion

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

**Threatened Ecological  
Communities**

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Moist Shale Woodland in  
the Sydney Basin  
Bioregion

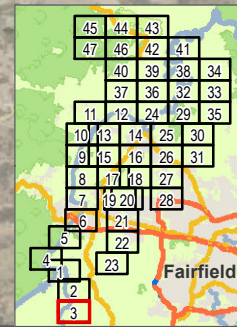
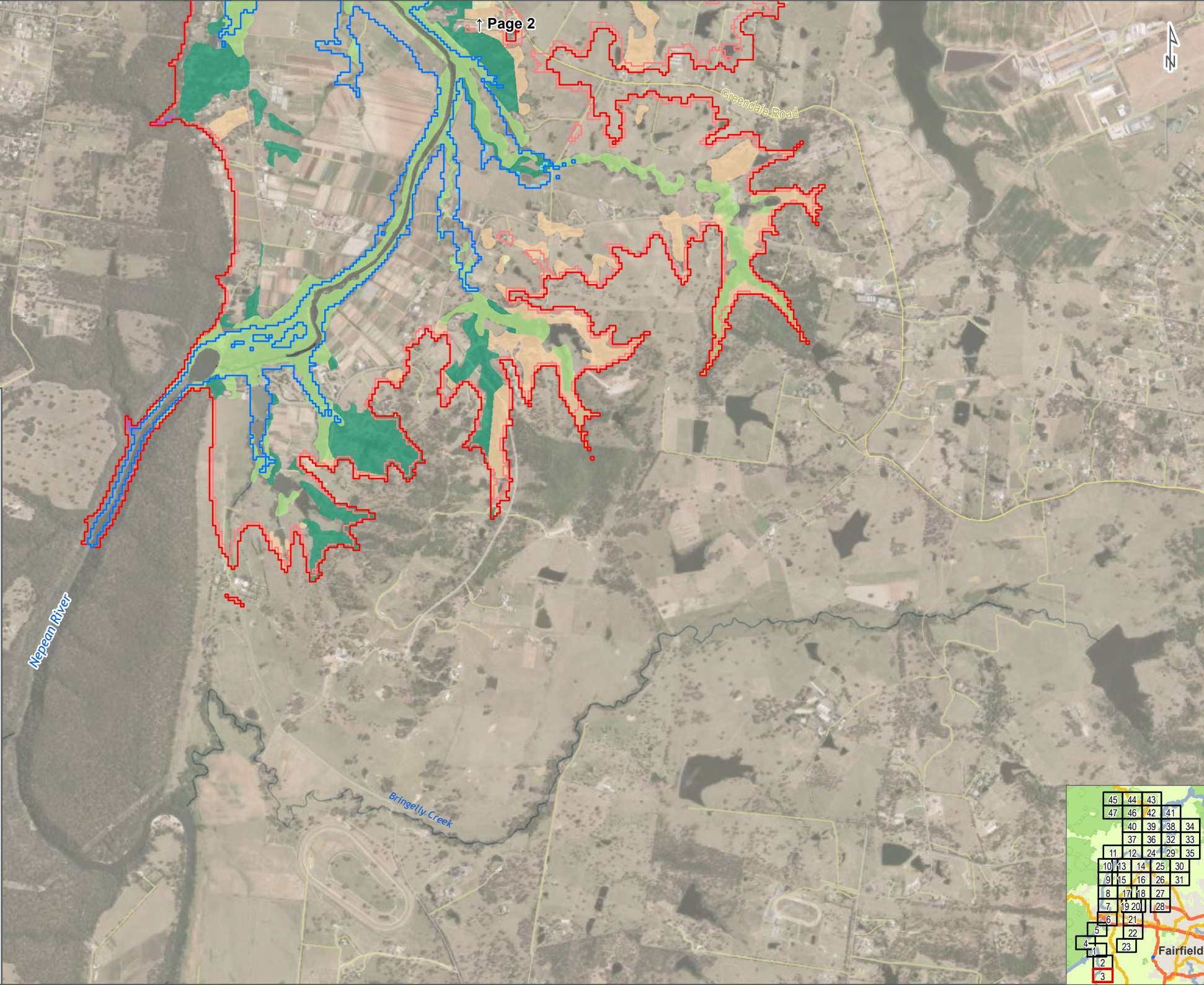
River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

Western Sydney Dry  
Rainforest in the Sydney  
Basin Bioregion

0 100 200 400 600 800  
Metres

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







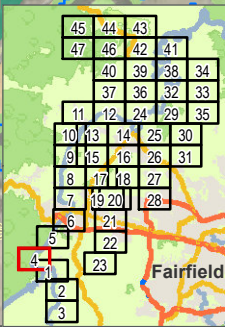
**LEGEND**

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- 1 in 10 Chance in a Year Flood - with Project
- National Parks

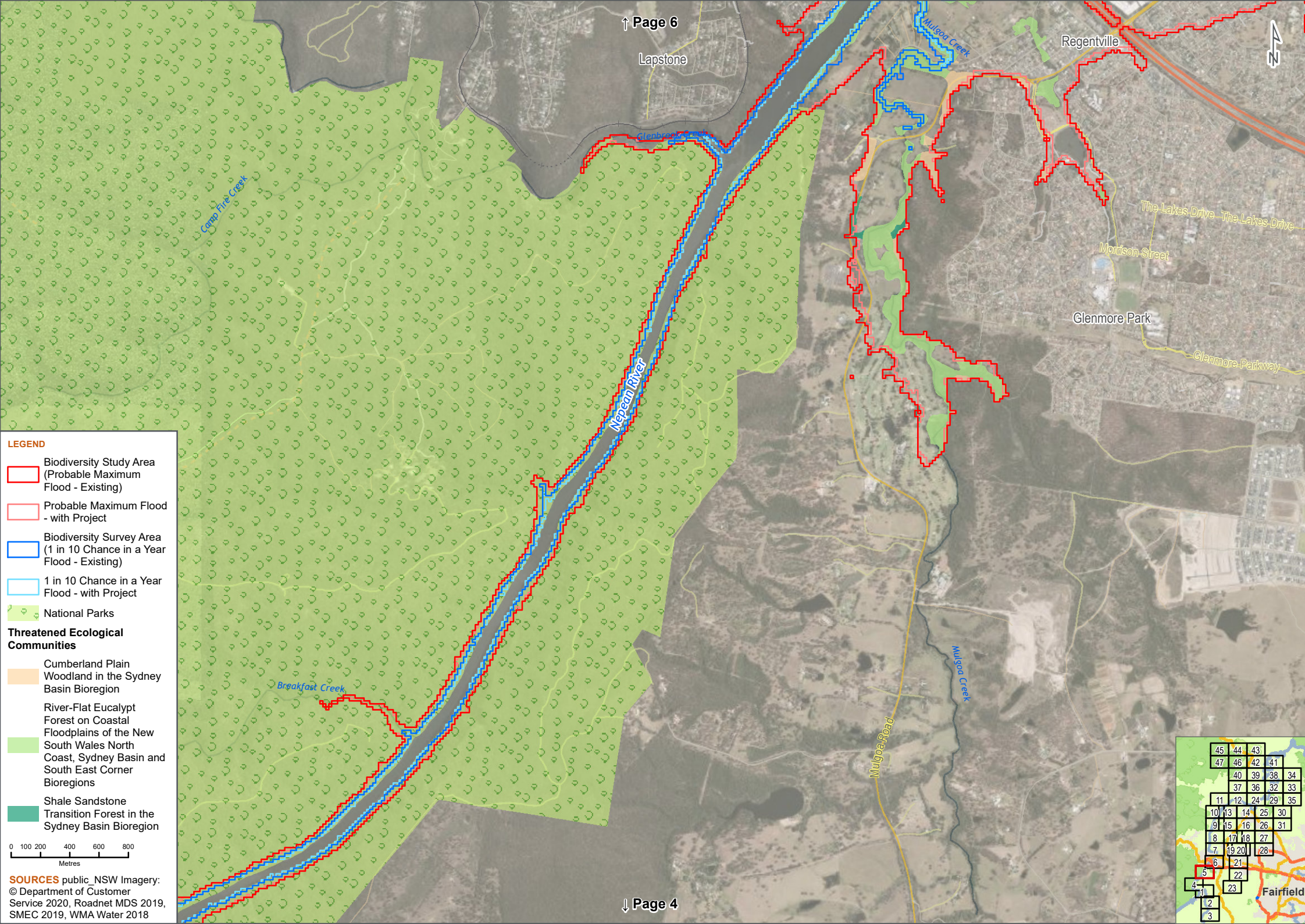
**Threatened Ecological Communities**

- Cumberland Plain Woodland in the Sydney Basin Bioregion
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- Shale Sandstone Transition Forest in the Sydney Basin Bioregion

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







Lapstone

Regentville

Glenmore Park

Fairfield

Camp Fire Creek

Nepean River

Breakfast Creek

Mulgoa Creek

Mulgoa Creek

Mulgoa Road

The Lakes Drive

Morrison Street

Glenmore Parkway

**LEGEND**

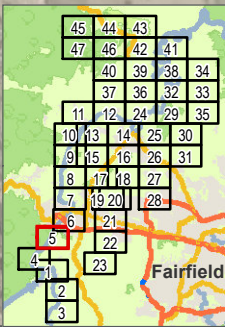
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**Threatened Ecological Communities**

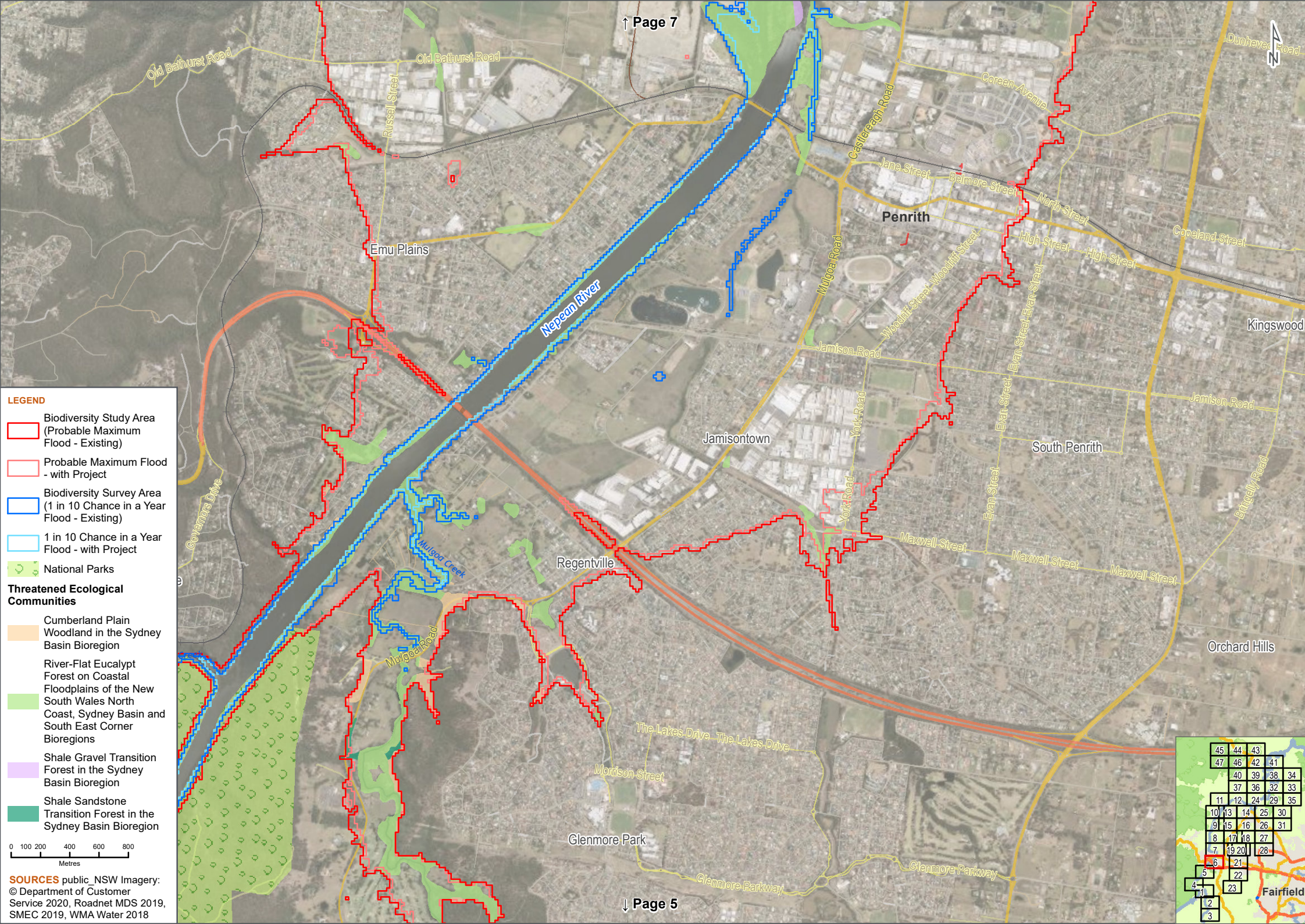
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0 100 200 400 600 800  
Metres

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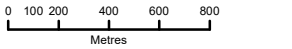


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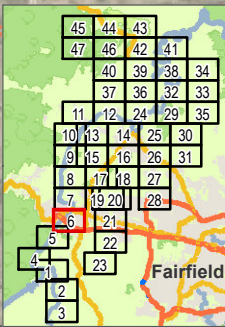
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- Shale Gravel Transition Forest in the Sydney Basin Bioregion
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion



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





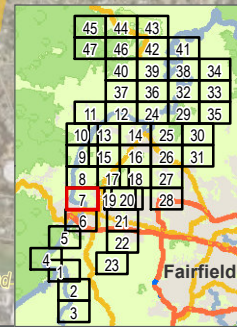
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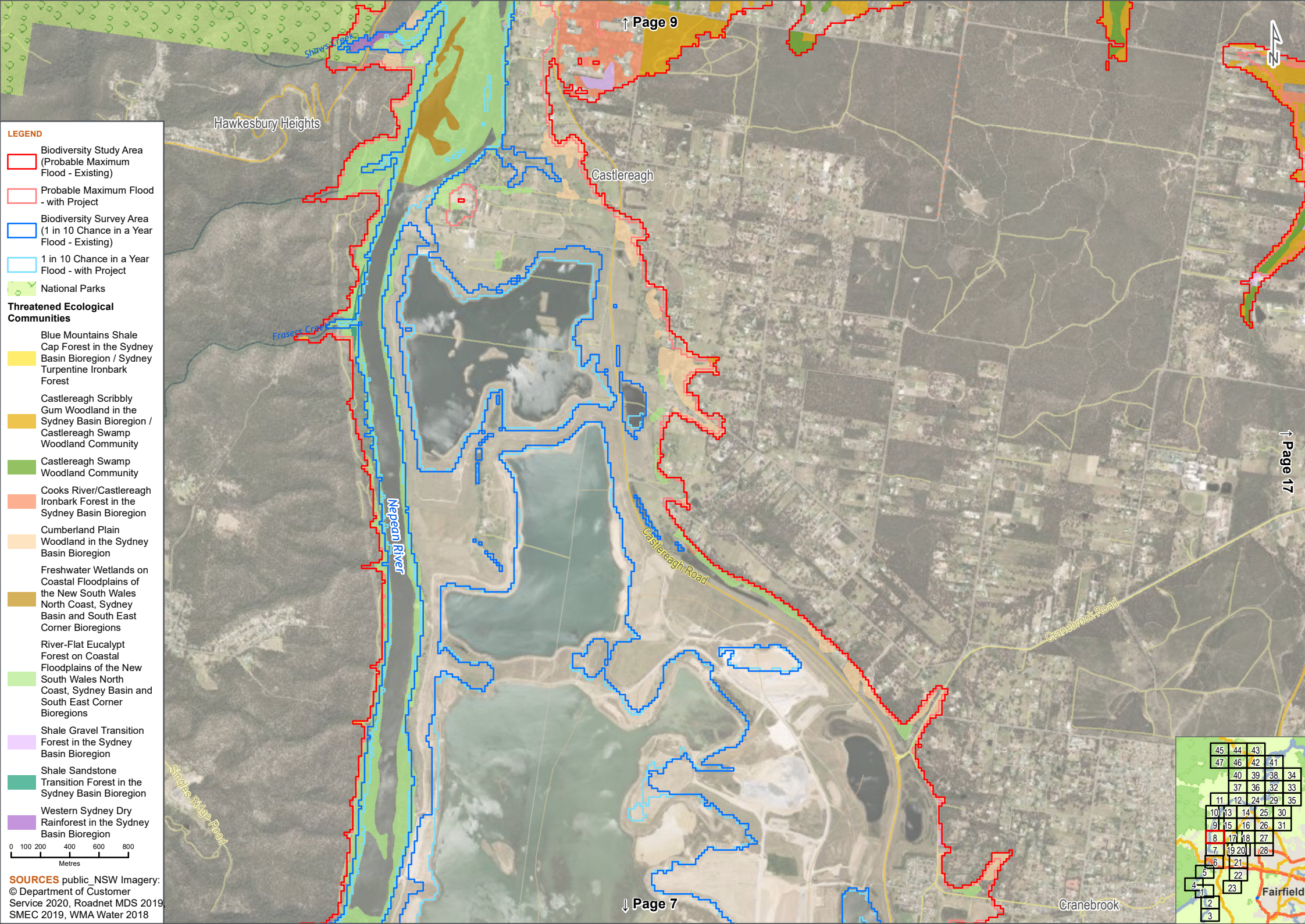
**Threatened Ecological Communities**

- Blue Mountains Shale Cap Forest in the Sydney Basin Bioregion
- Basin Bioregion / Sydney Turpentine Ironbark Forest
- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Gravel Transition Forest in the Sydney Basin Bioregion
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion
- Western Sydney Dry Rainforest in the Sydney Basin Bioregion

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

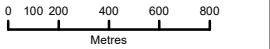




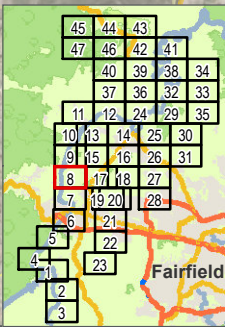


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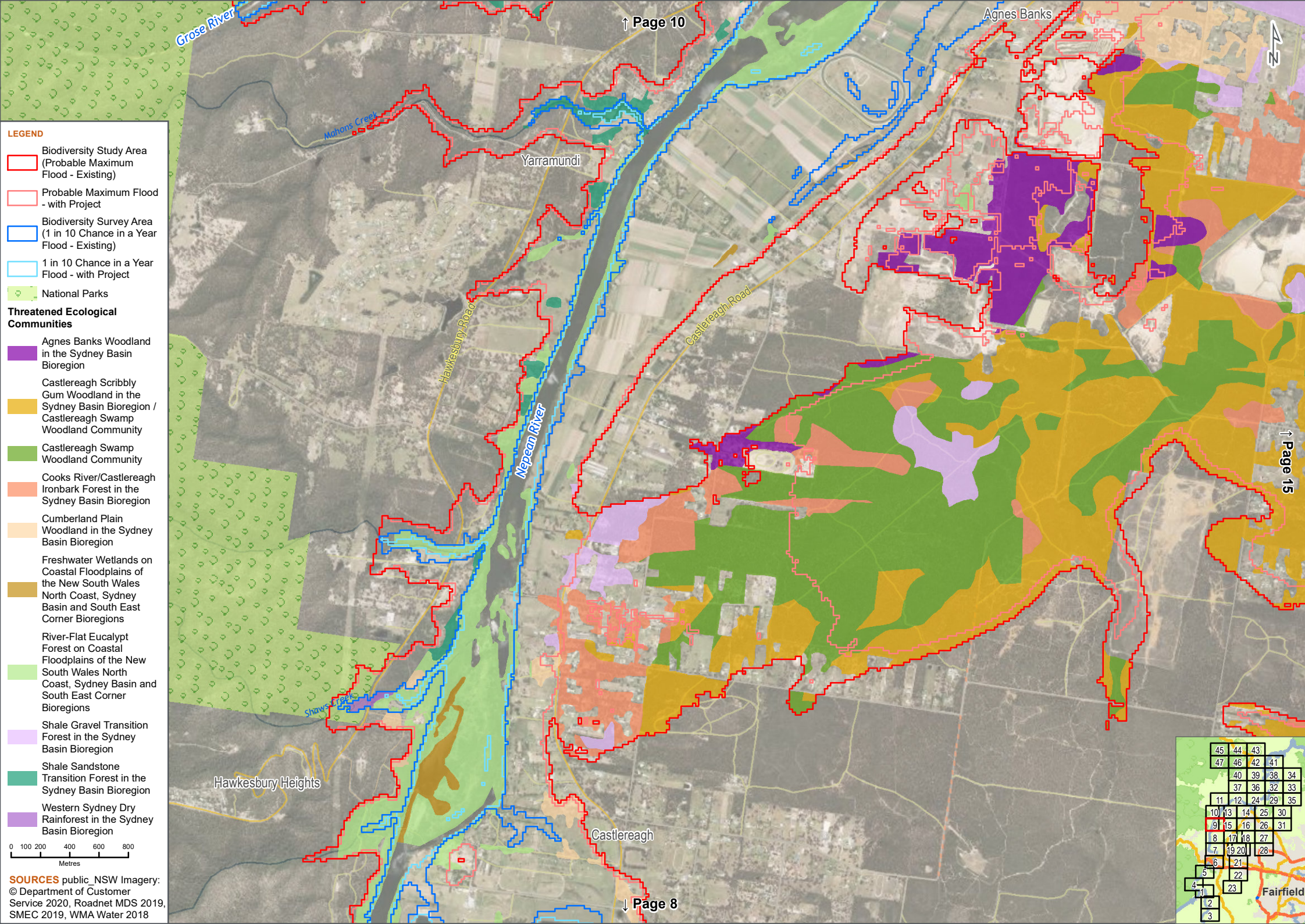
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- National Parks
- Threatened Ecological Communities**
  - Blue Mountains Shale Cap Forest in the Sydney Basin Bioregion / Sydney Turpentine Ironbark Forest
  - Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community
  - Castlereagh Swamp Woodland Community
  - Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion
  - Cumberland Plain Woodland in the Sydney Basin Bioregion
  - Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
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  - Shale Gravel Transition Forest in the Sydney Basin Bioregion
  - Shale Sandstone Transition Forest in the Sydney Basin Bioregion
  - Western Sydney Dry Rainforest in the Sydney Basin Bioregion



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









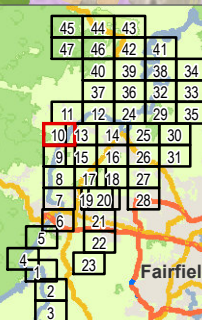
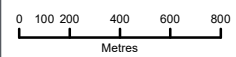
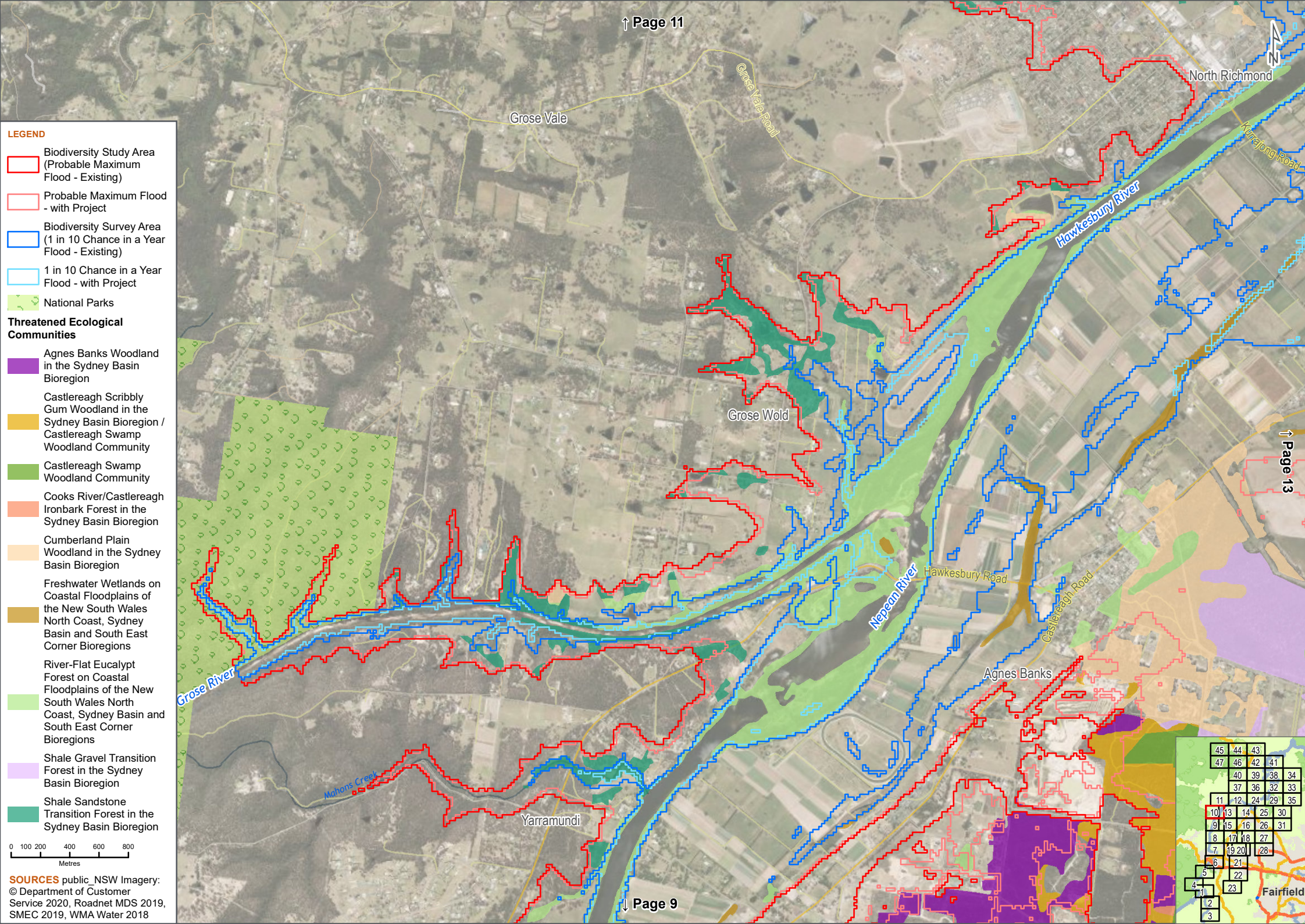
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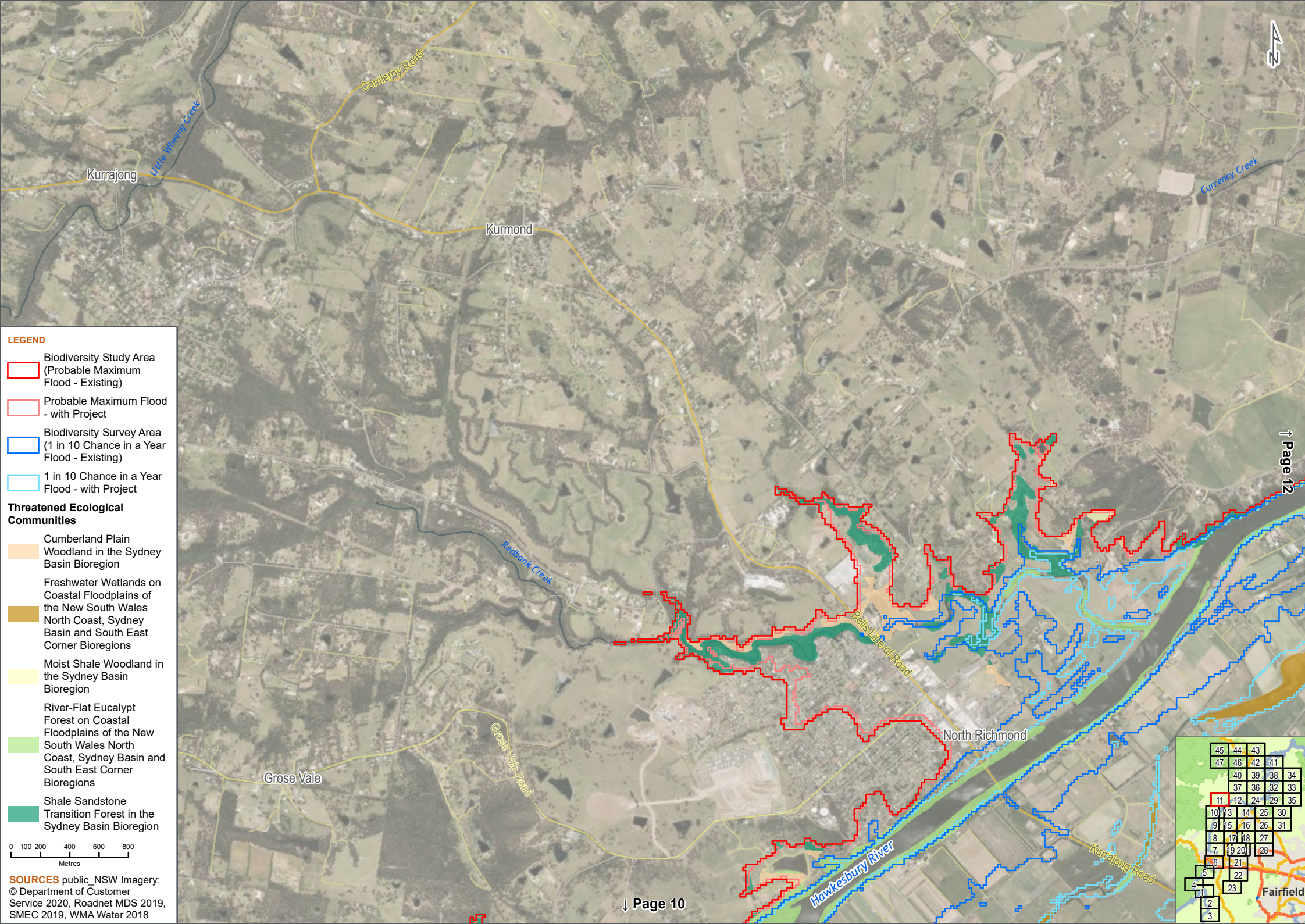
**Threatened Ecological Communities**

- Agnes Banks Woodland in the Sydney Basin Bioregion
- Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community
- Castlereagh Swamp Woodland Community
- Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion
- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
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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

**Threatened Ecological  
Communities**

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Freshwater Wetlands on  
Coastal Floodplains of  
the New South Wales  
North Coast, Sydney  
Basin and South East  
Corner Bioregions

Moist Shale Woodland in  
the Sydney Basin  
Bioregion

River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

**SOURCES** public\_NSW Imagery:  
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47	46	42
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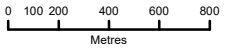
Fairfield



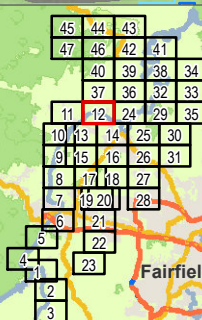


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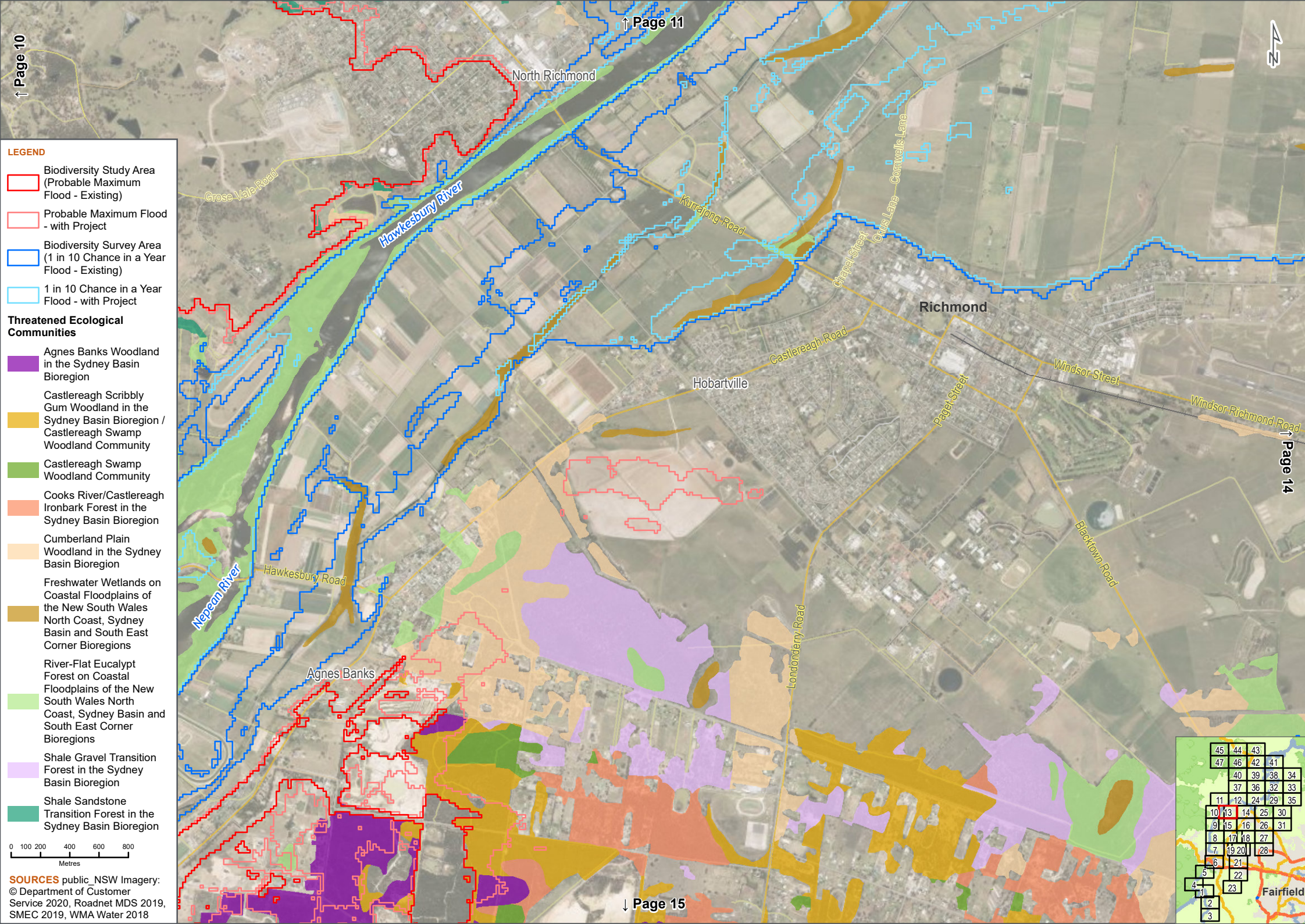
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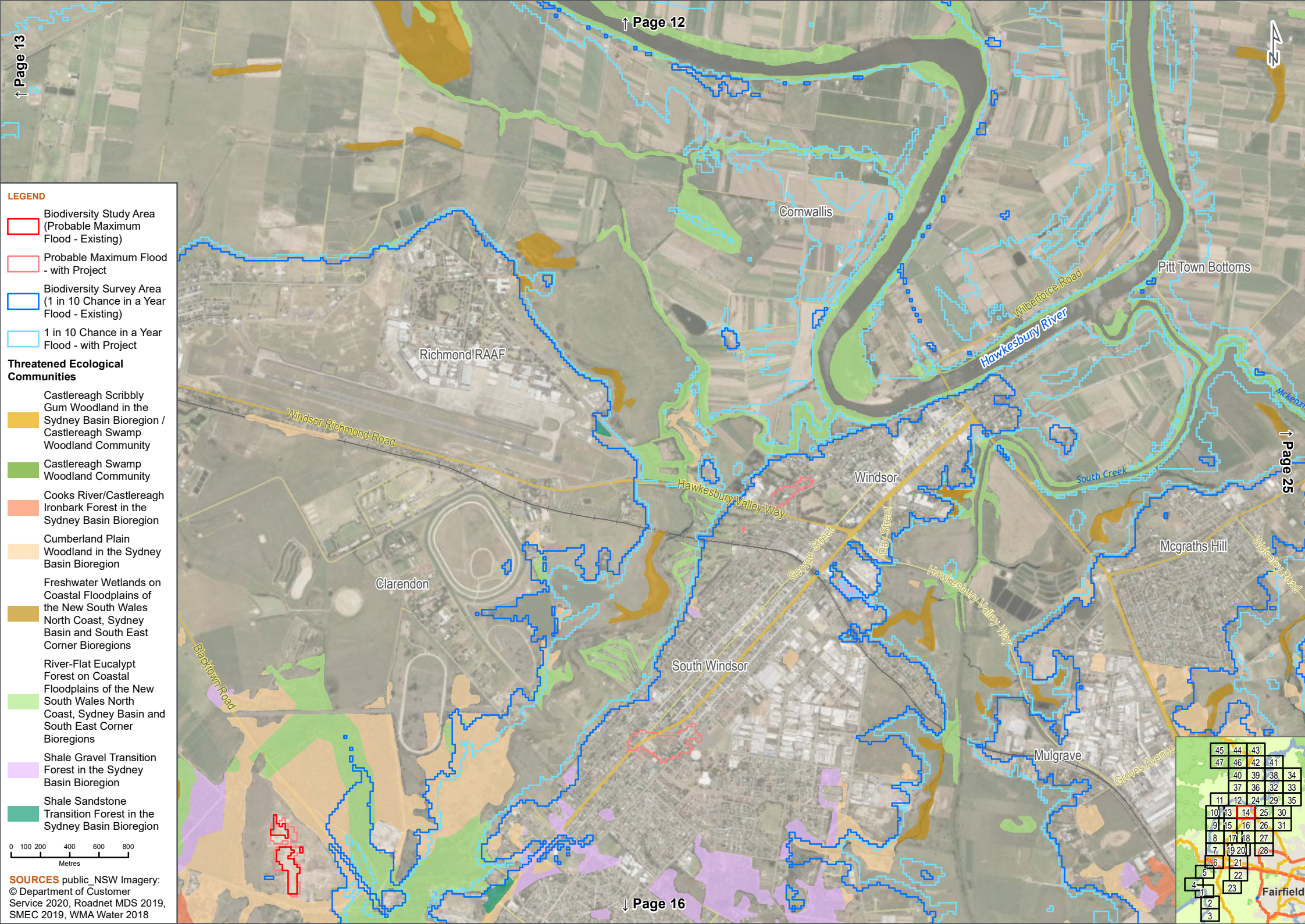
**SOURCES** public\_NSW Imagery: © Department of Customer Service 2020, Roadnet MDS 2019, SMEC 2019, WMA Water 2018











**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

**Threatened Ecological Communities**

Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community

Castlereagh Swamp Woodland Community

Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion

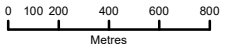
Cumberland Plain Woodland in the Sydney Basin Bioregion

Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions

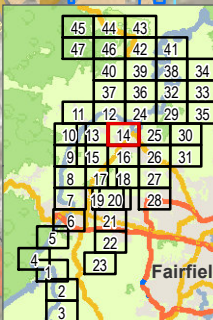
River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions

Shale Gravel Transition Forest in the Sydney Basin Bioregion

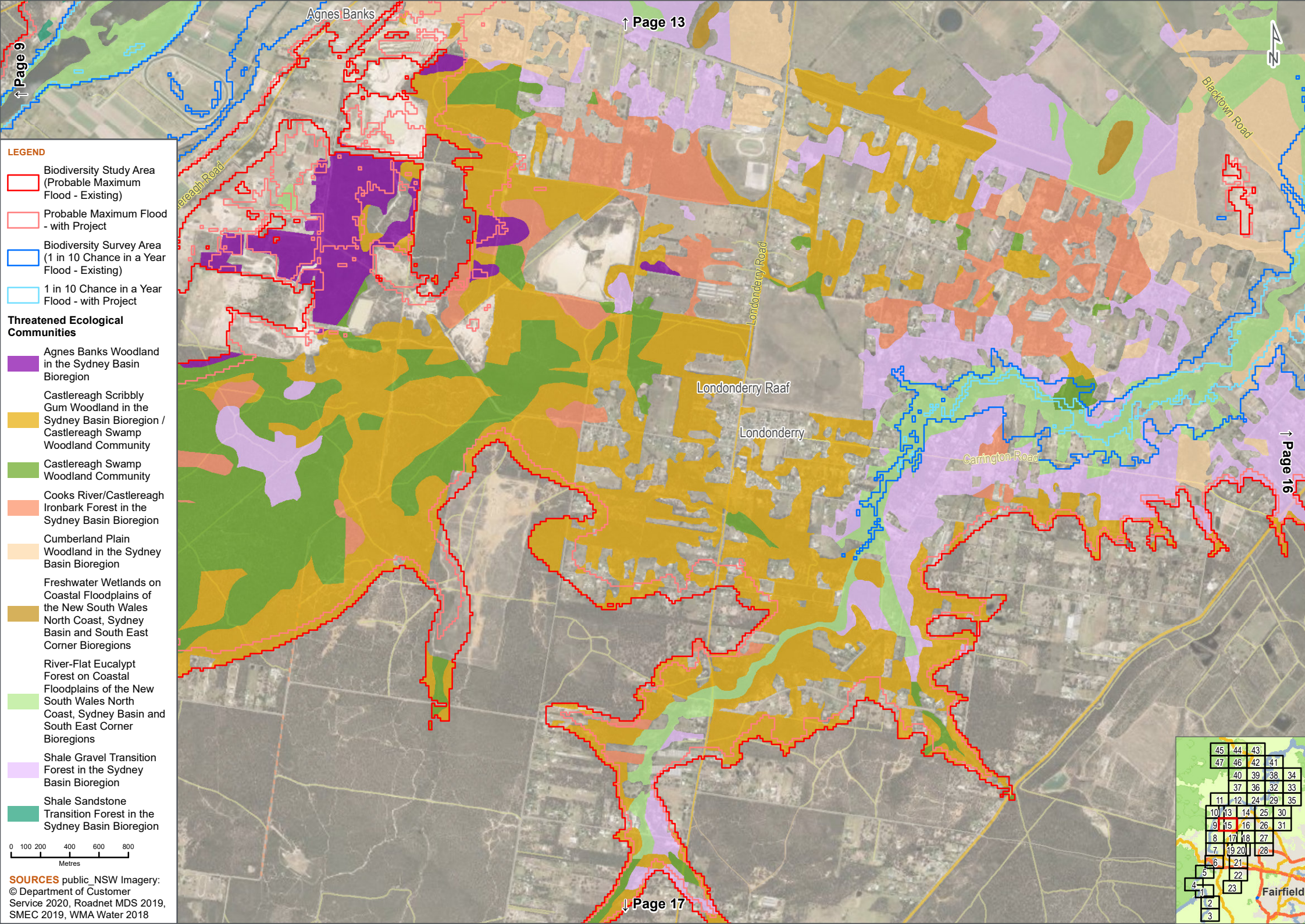
Shale Sandstone Transition Forest in the Sydney Basin Bioregion



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Probable Maximum Flood  
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Biodiversity Survey Area  
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1 in 10 Chance in a Year  
Flood - with Project

**Threatened Ecological  
Communities**

Agnes Banks Woodland  
in the Sydney Basin  
Bioregion

Castlereagh Scribbly  
Gum Woodland in the  
Sydney Basin Bioregion /  
Castlereagh Swamp  
Woodland Community

Castlereagh Swamp  
Woodland Community

Cooks River/Castlereagh  
Ironbark Forest in the  
Sydney Basin Bioregion

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Freshwater Wetlands on  
Coastal Floodplains of  
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North Coast, Sydney  
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Forest on Coastal  
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Shale Gravel Transition  
Forest in the Sydney  
Basin Bioregion

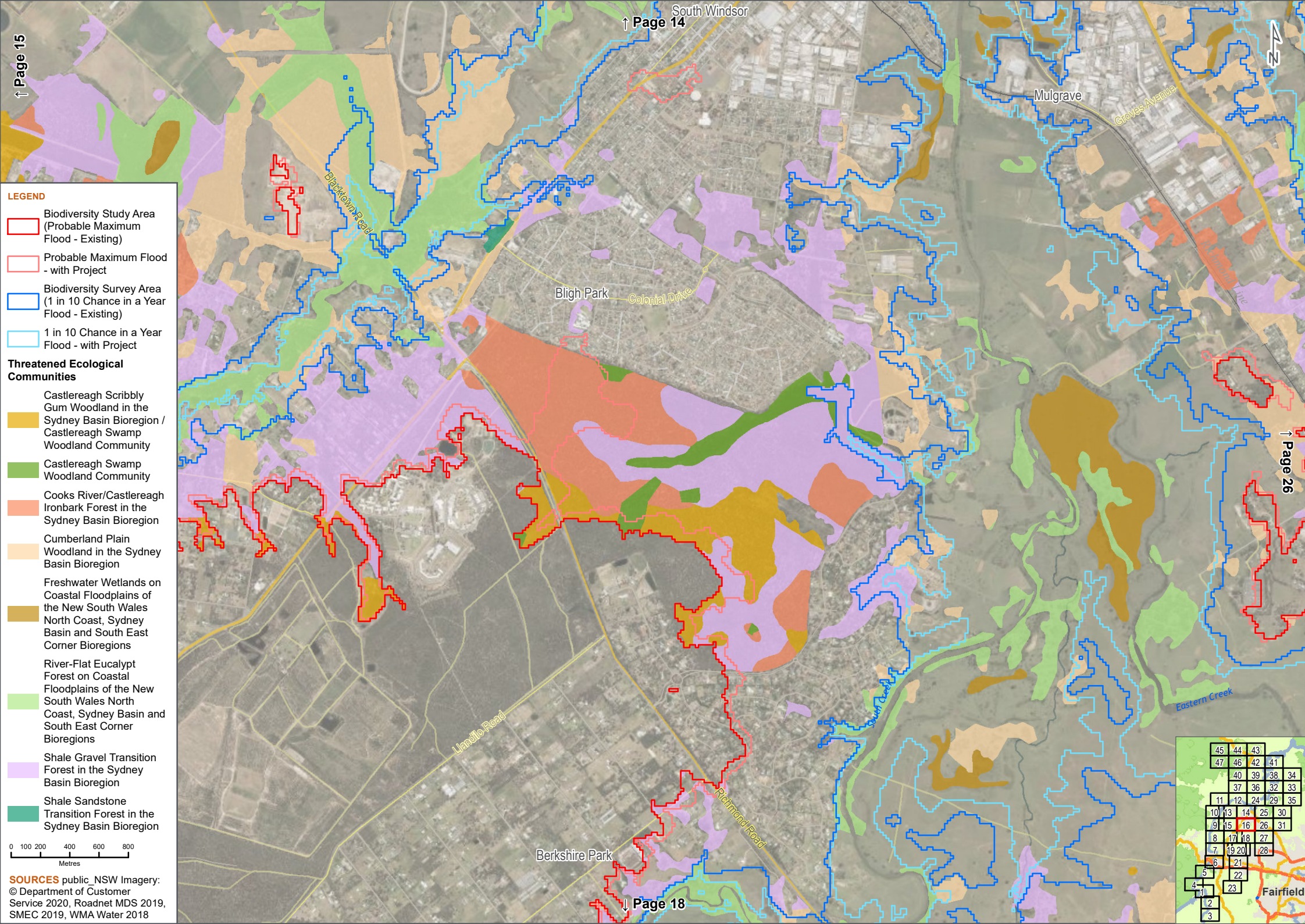
Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

0 100 200 400 600 800  
Metres

**SOURCES** public\_NSW Imagery:  
© Department of Customer  
Service 2020, Roadnet MDS 2019,  
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45	44	43	
47	46	42	41
	40	39	38 34
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11	12	24	29 35
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LEGEND

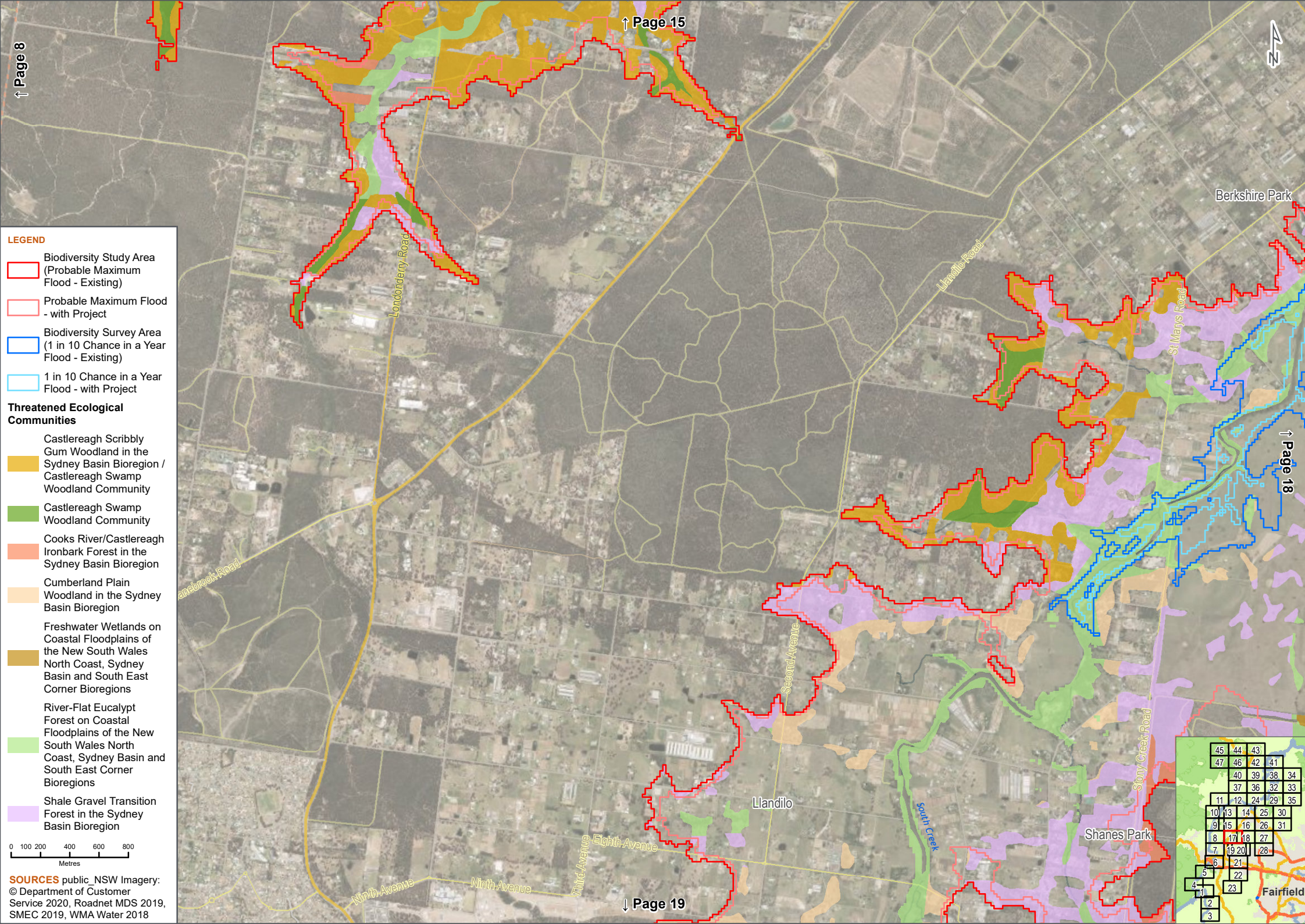
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- 1 in 10 Chance in a Year Flood - with Project

Threatened Ecological Communities

- Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community
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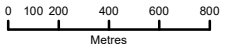
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**Threatened Ecological Communities**

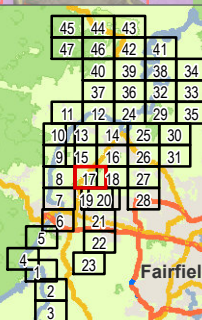
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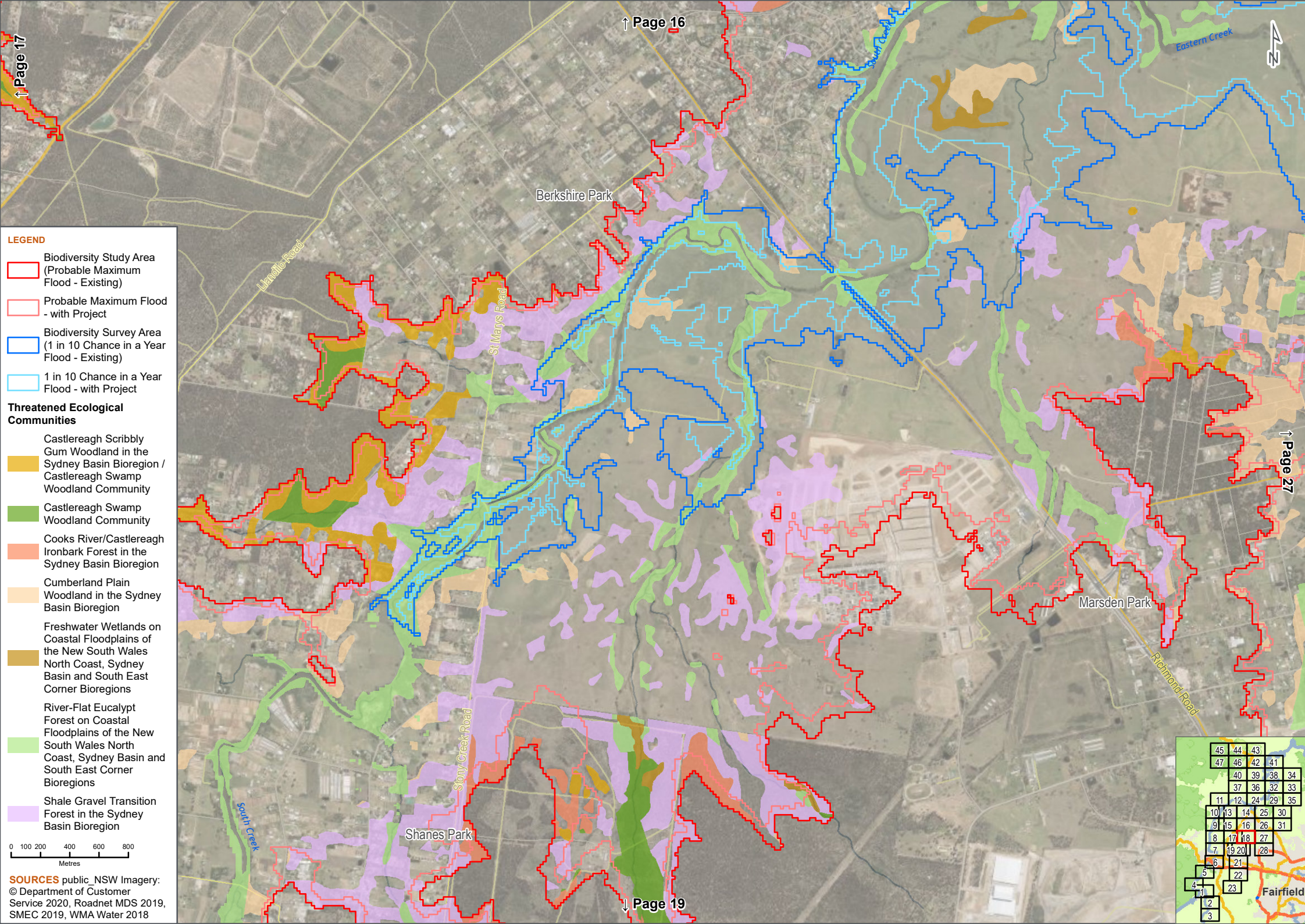
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↓ Page 18

↓ Page 19







**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

**Threatened Ecological  
Communities**

Castlereagh Scribbly  
Gum Woodland in the  
Sydney Basin Bioregion /  
Castlereagh Swamp  
Woodland Community

Castlereagh Swamp  
Woodland Community

Cooks River/Castlereagh  
Ironbark Forest in the  
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Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

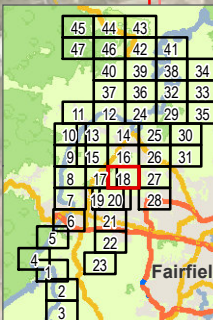
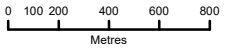
Freshwater Wetlands on  
Coastal Floodplains of the  
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**LEGEND**

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Probable Maximum Flood  
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**Threatened Ecological Communities**

Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community

Castlereagh Swamp Woodland Community

Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion

Cumberland Plain Woodland in the Sydney Basin Bioregion

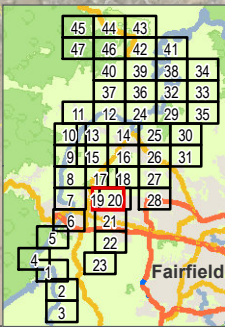
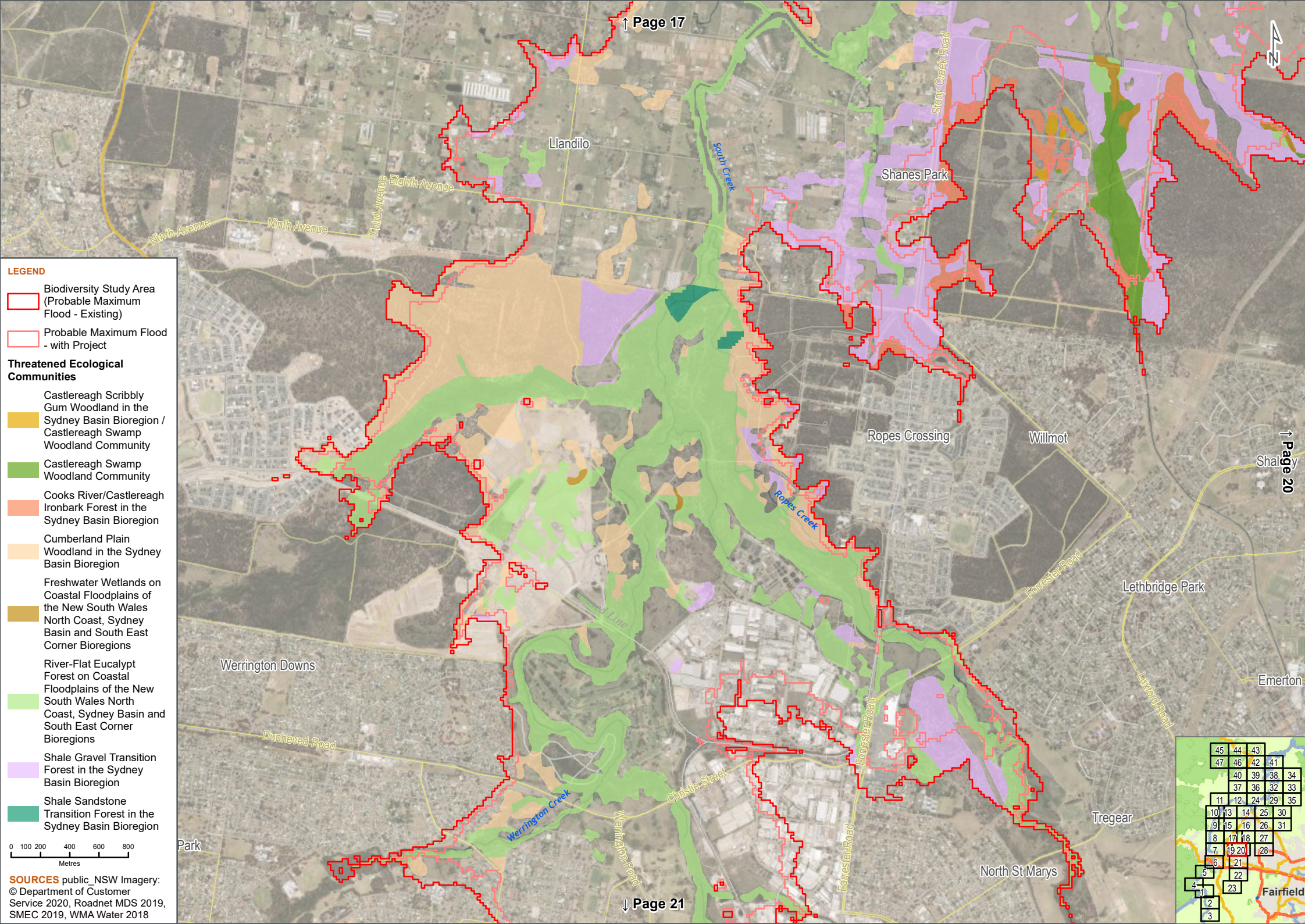
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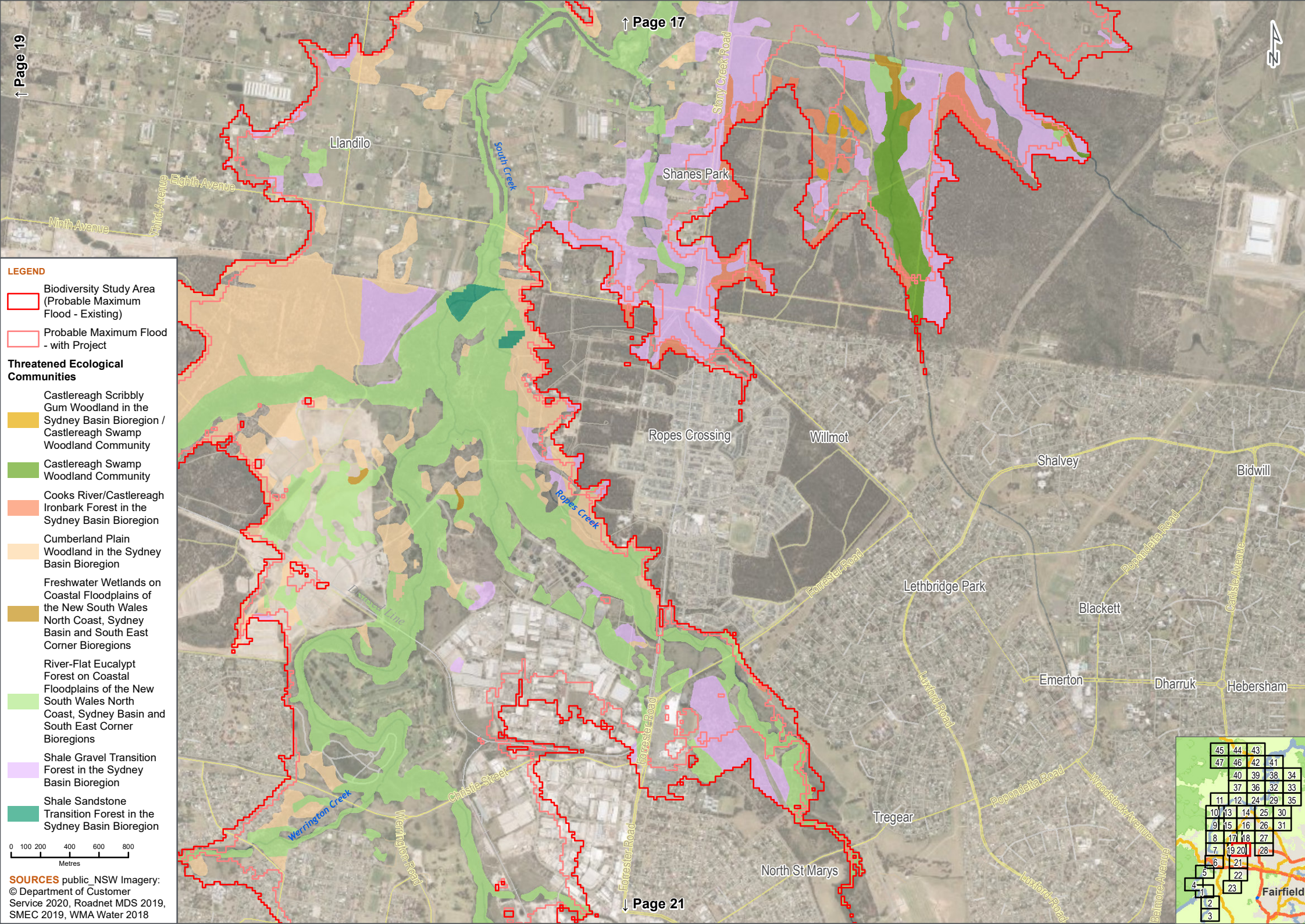
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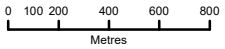
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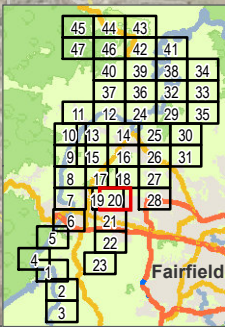




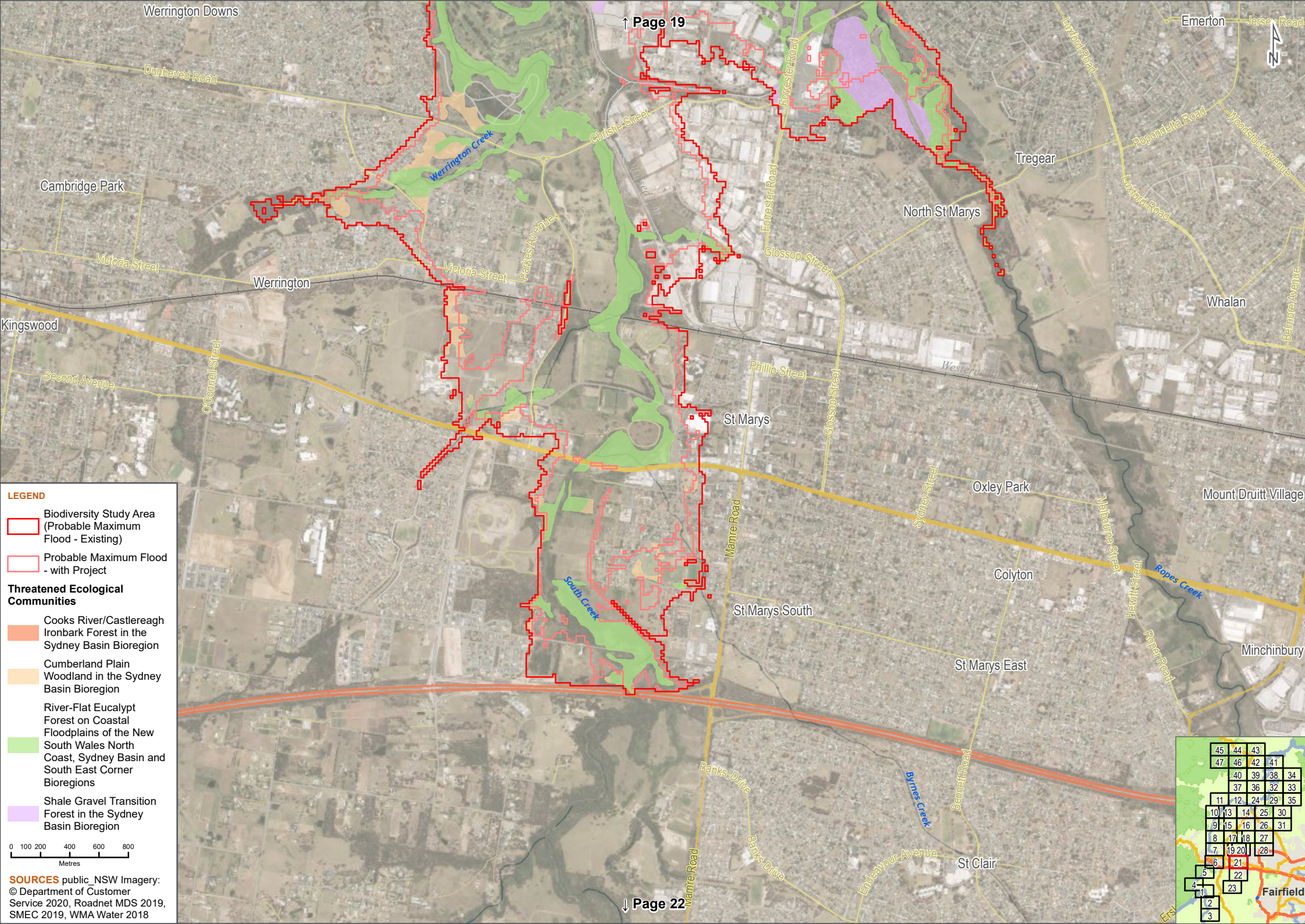
- LEGEND**
- Biodiversity Study Area (Probable Maximum Flood - Existing)
  - Probable Maximum Flood - with Project
  - Threatened Ecological Communities**
    - Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community
    - Castlereagh Swamp Woodland Community
    - Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion
    - Cumberland Plain Woodland in the Sydney Basin Bioregion
    - Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
    - River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
    - Shale Gravel Transition Forest in the Sydney Basin Bioregion
    - Shale Sandstone Transition Forest in the Sydney Basin Bioregion



**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

**Threatened Ecological Communities**

Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion

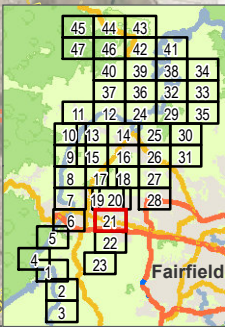
Cumberland Plain Woodland in the Sydney Basin Bioregion

River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions

Shale Gravel Transition Forest in the Sydney Basin Bioregion

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

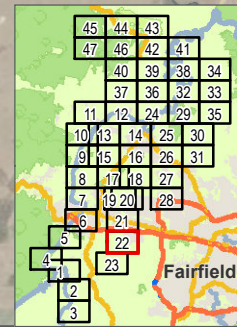
**Threatened Ecological  
Communities**

 Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

 River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

0 100 200 400 600 800  
Metres

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







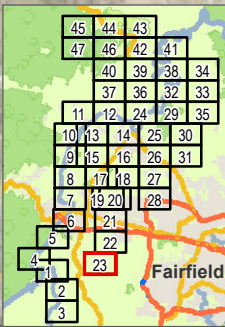
**LEGEND**

Biodiversity Study Area  
(Probable Maximum Flood - Existing)

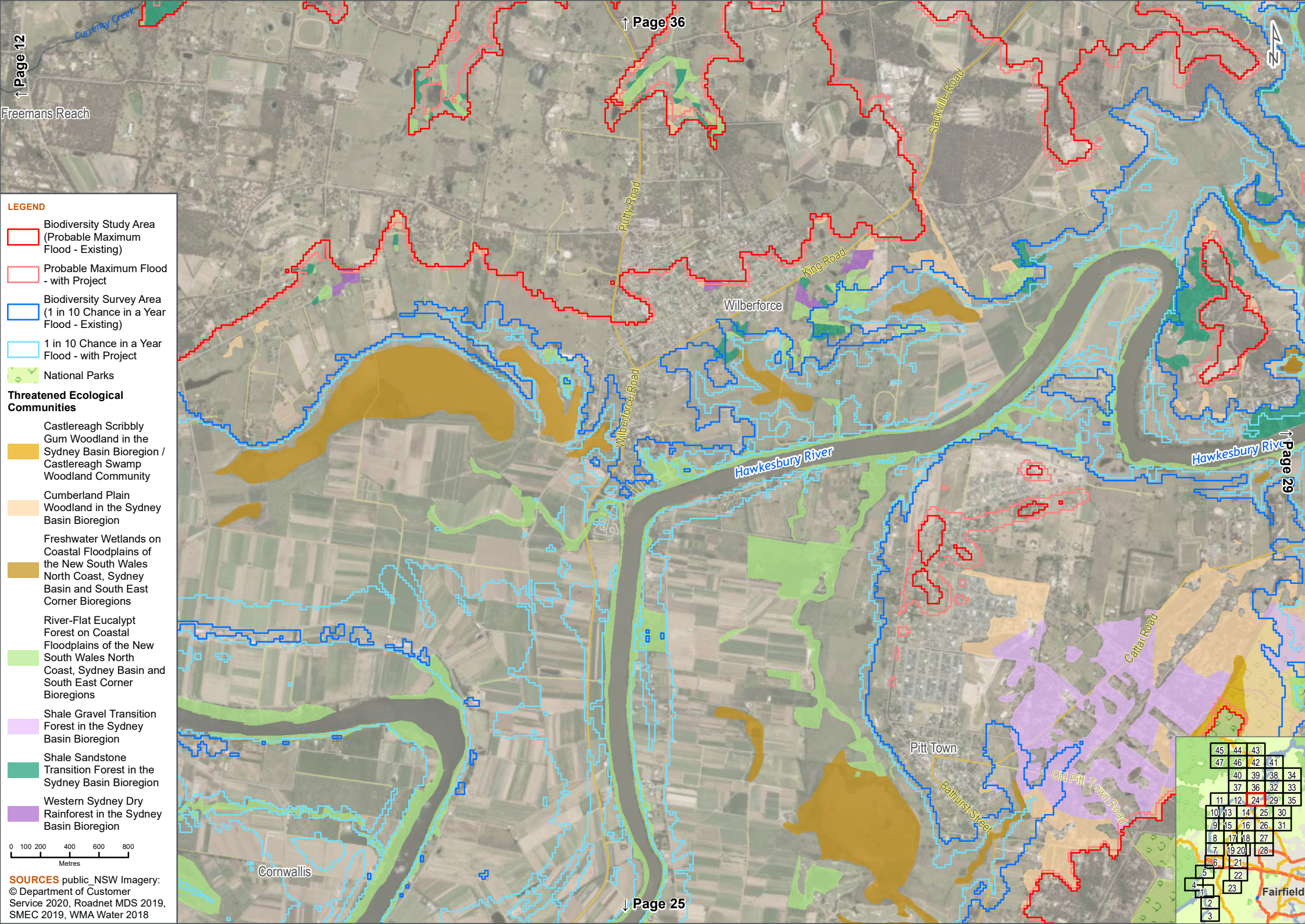
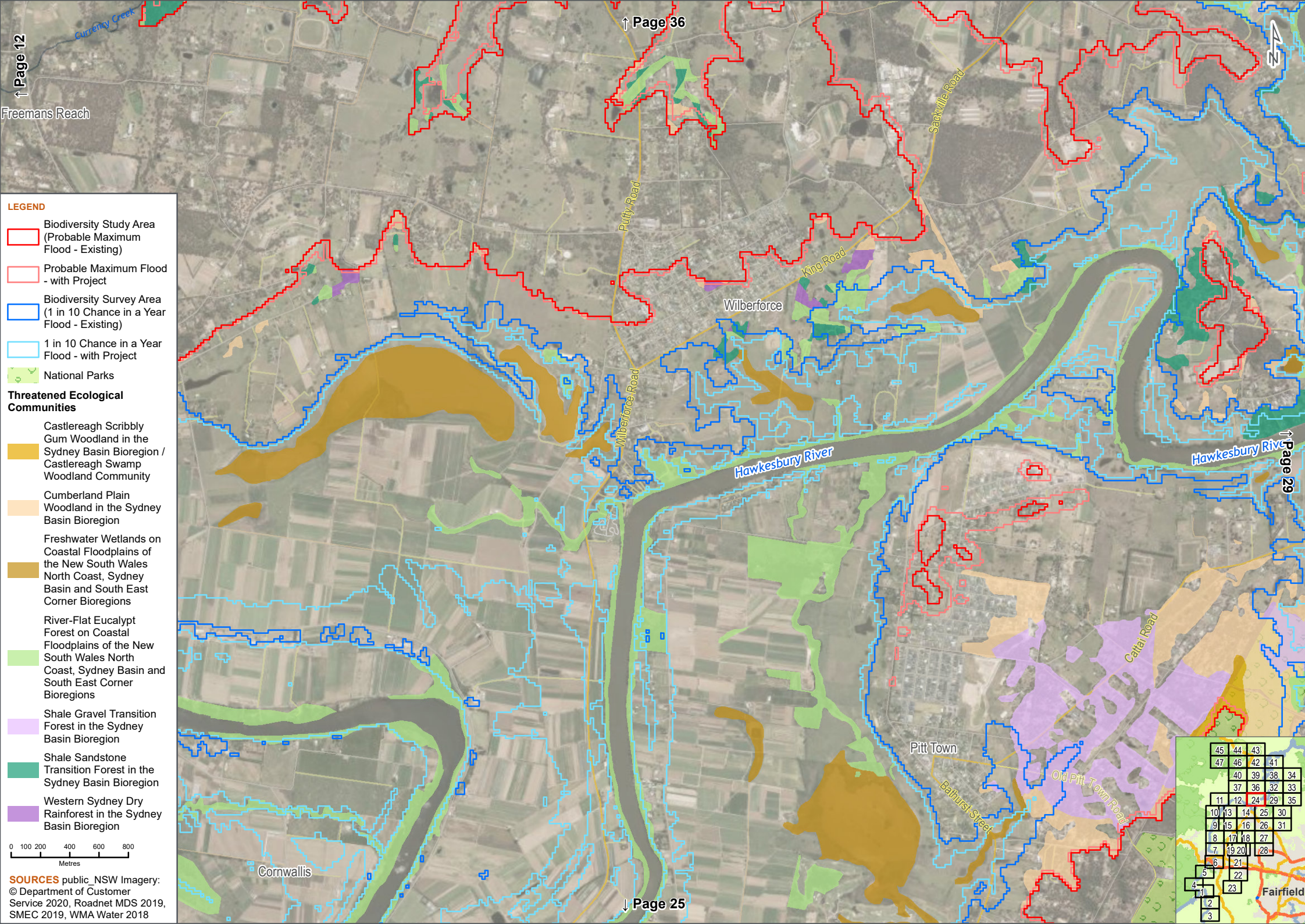
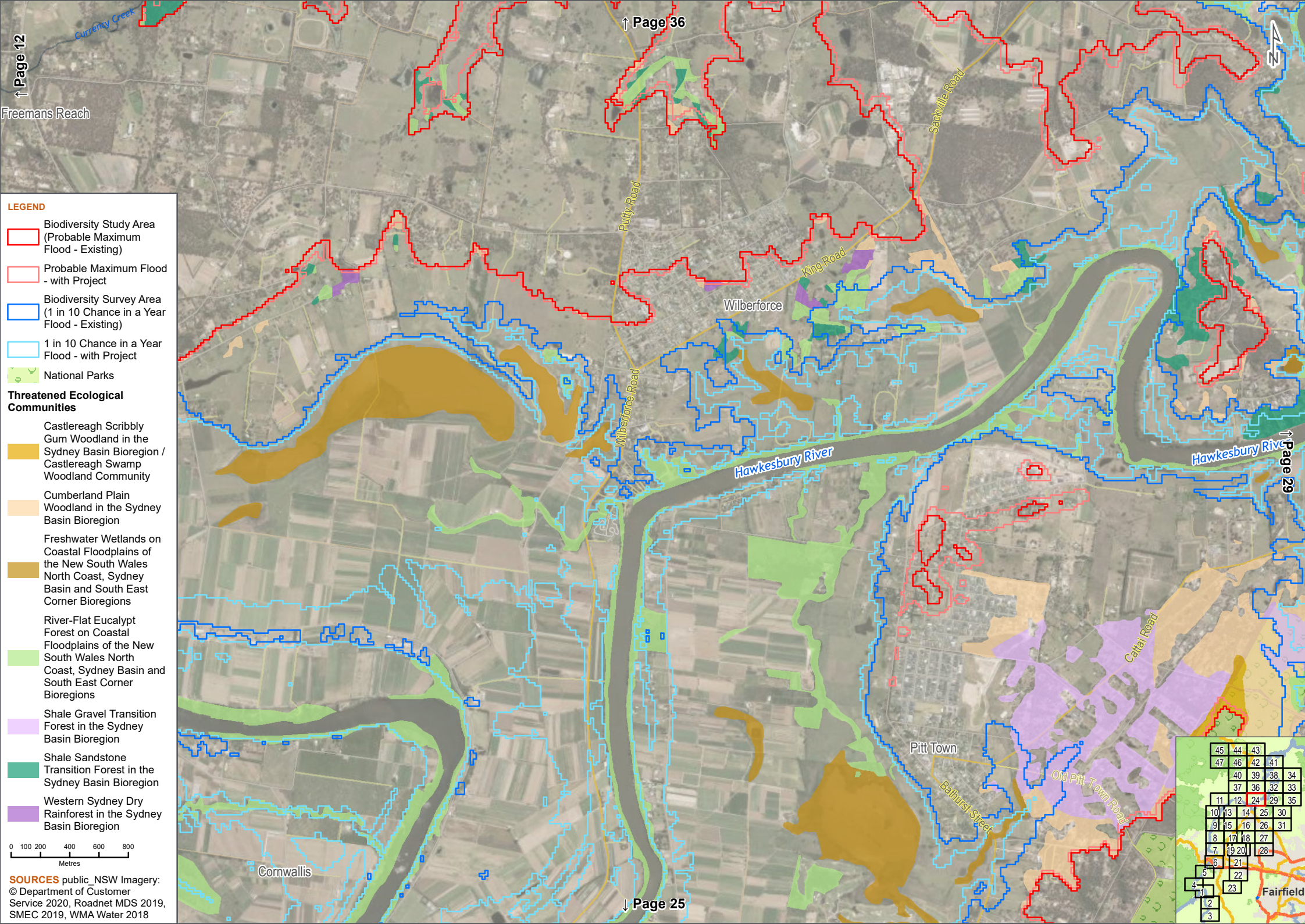
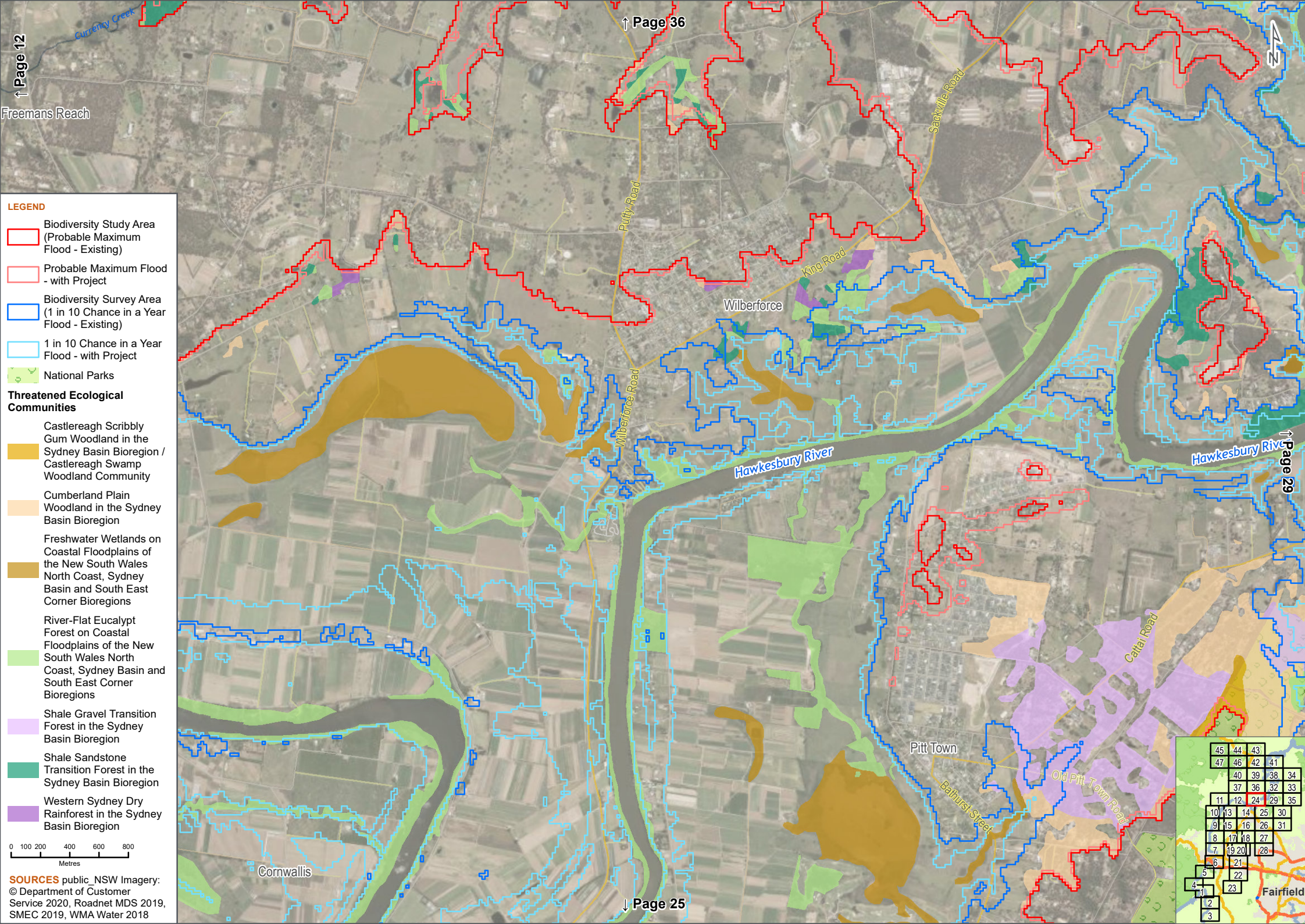
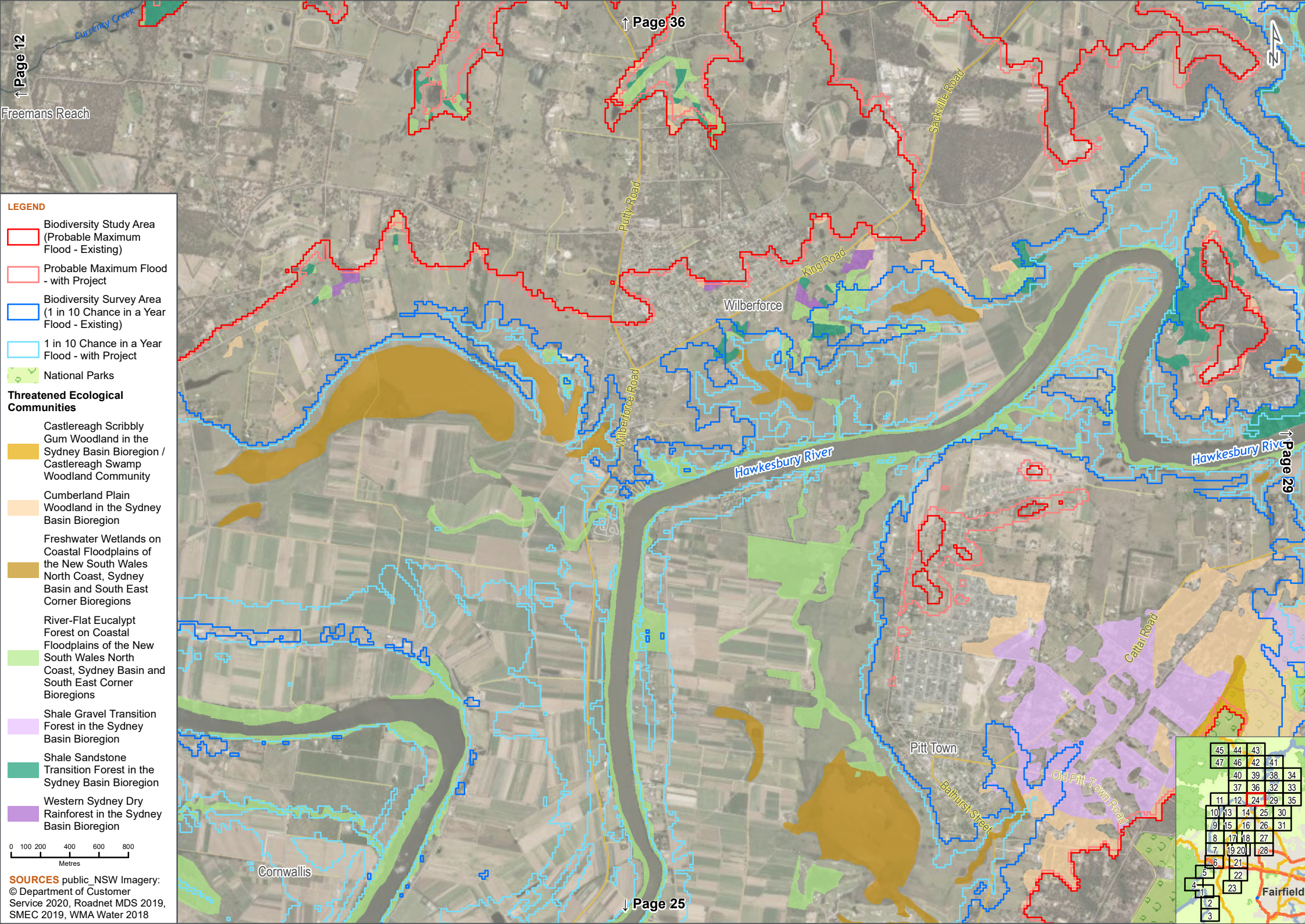
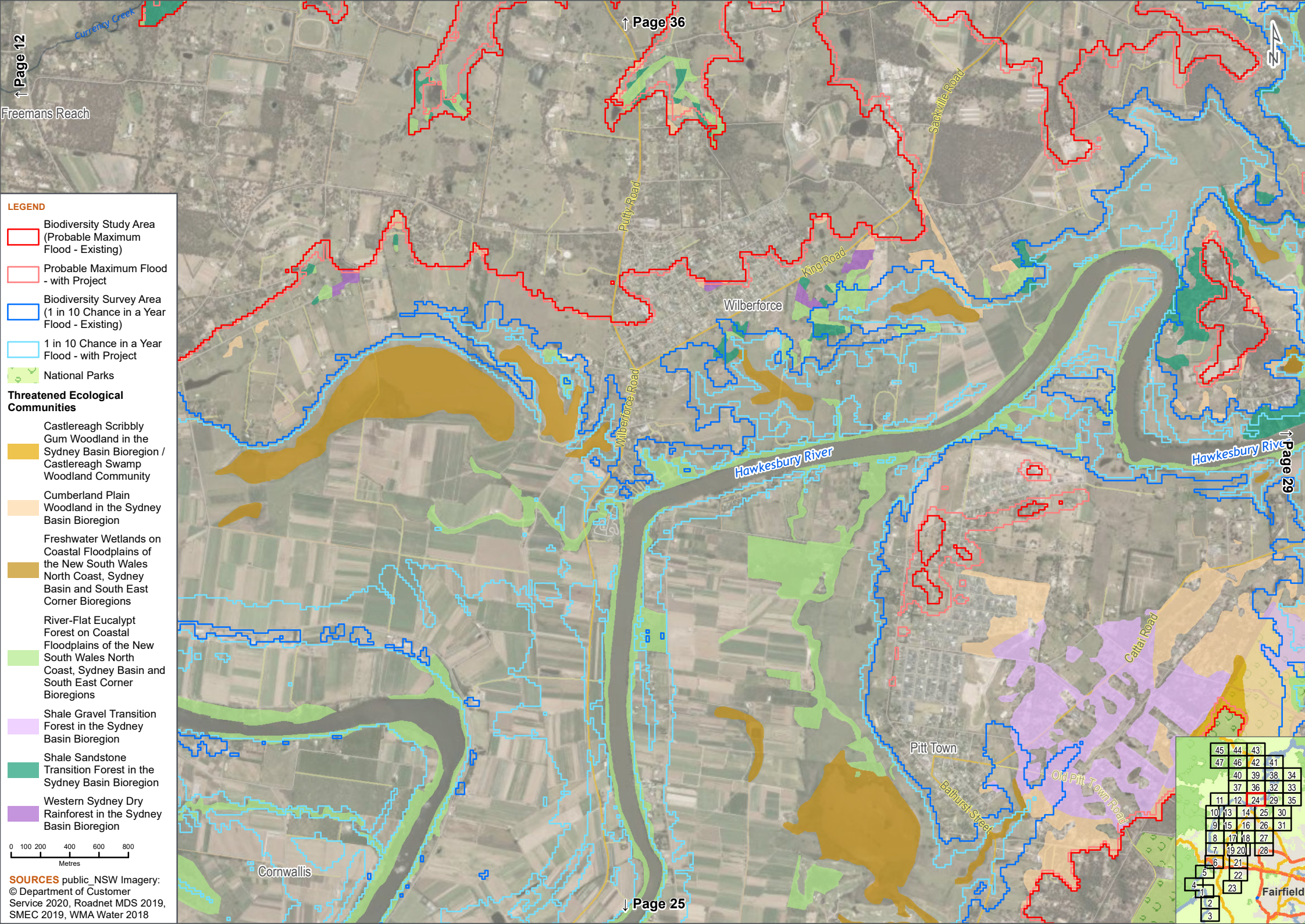
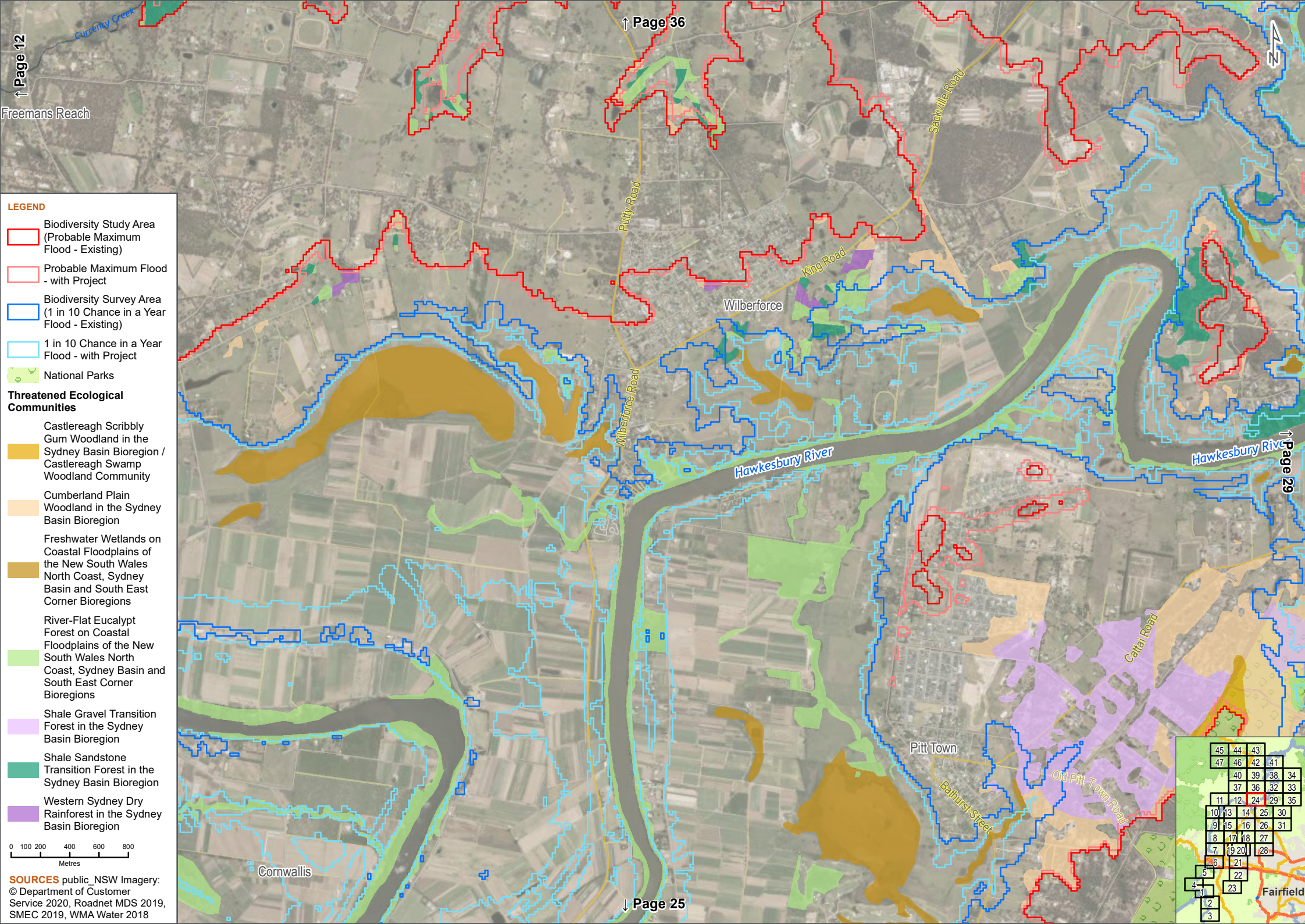
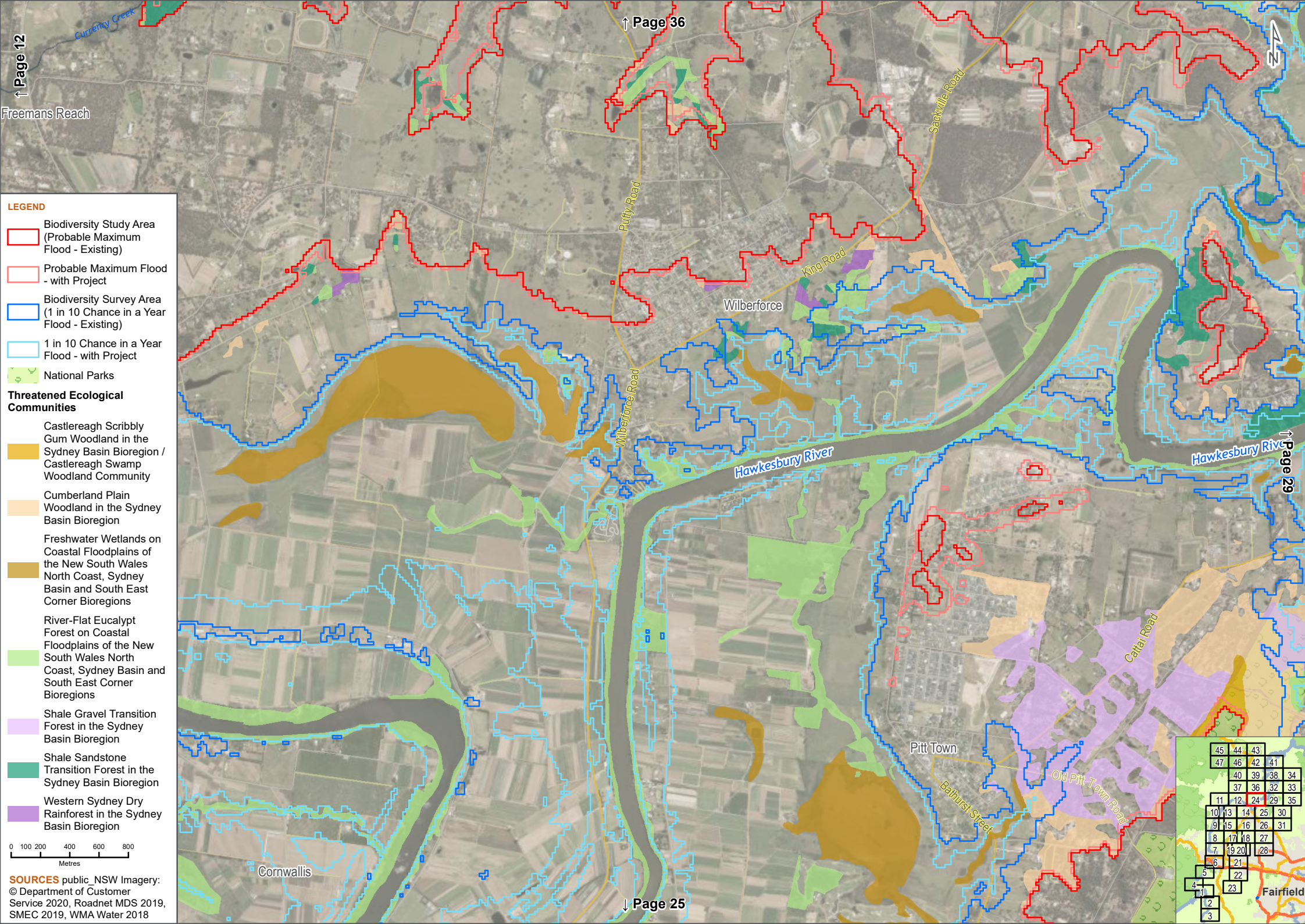
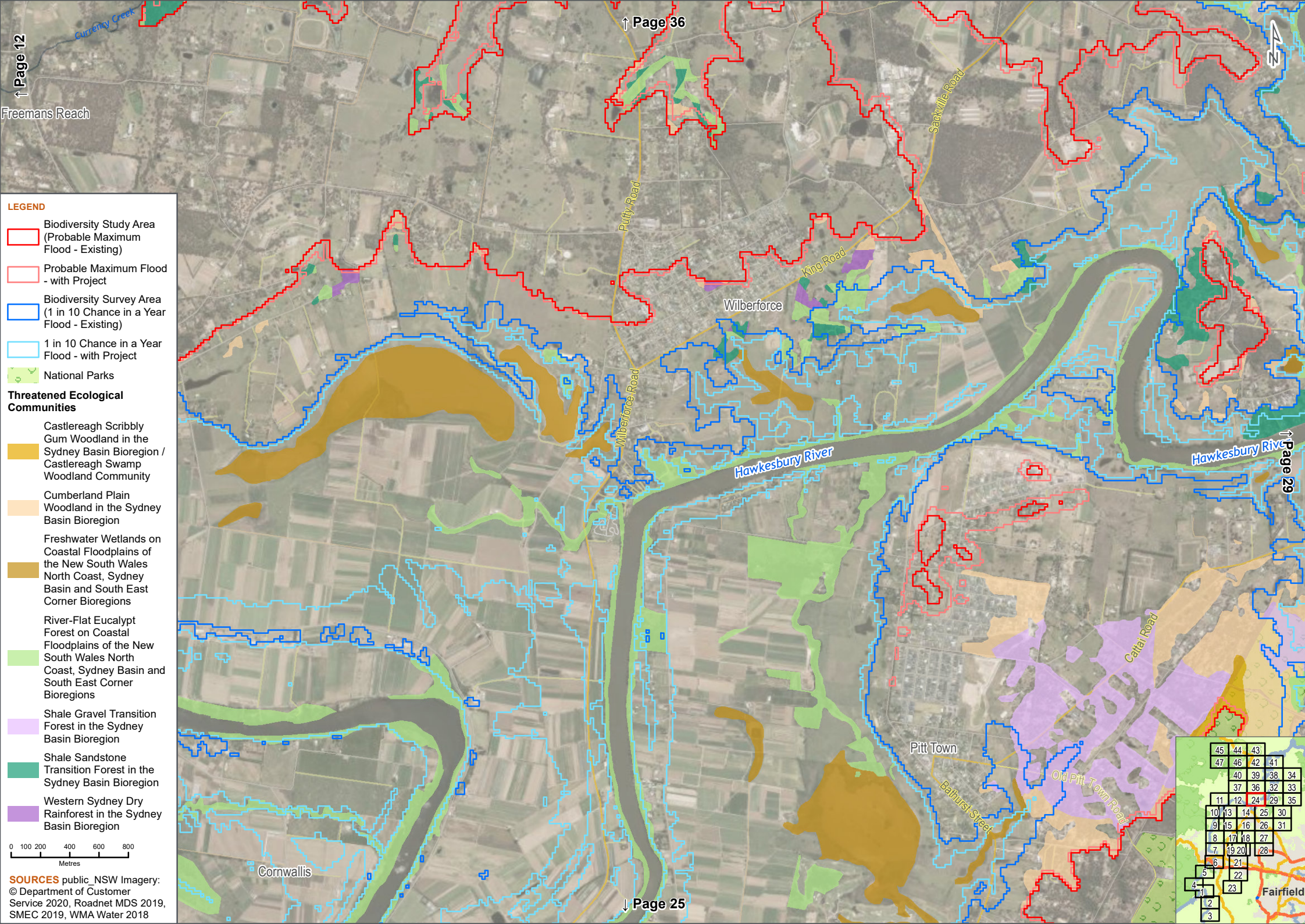
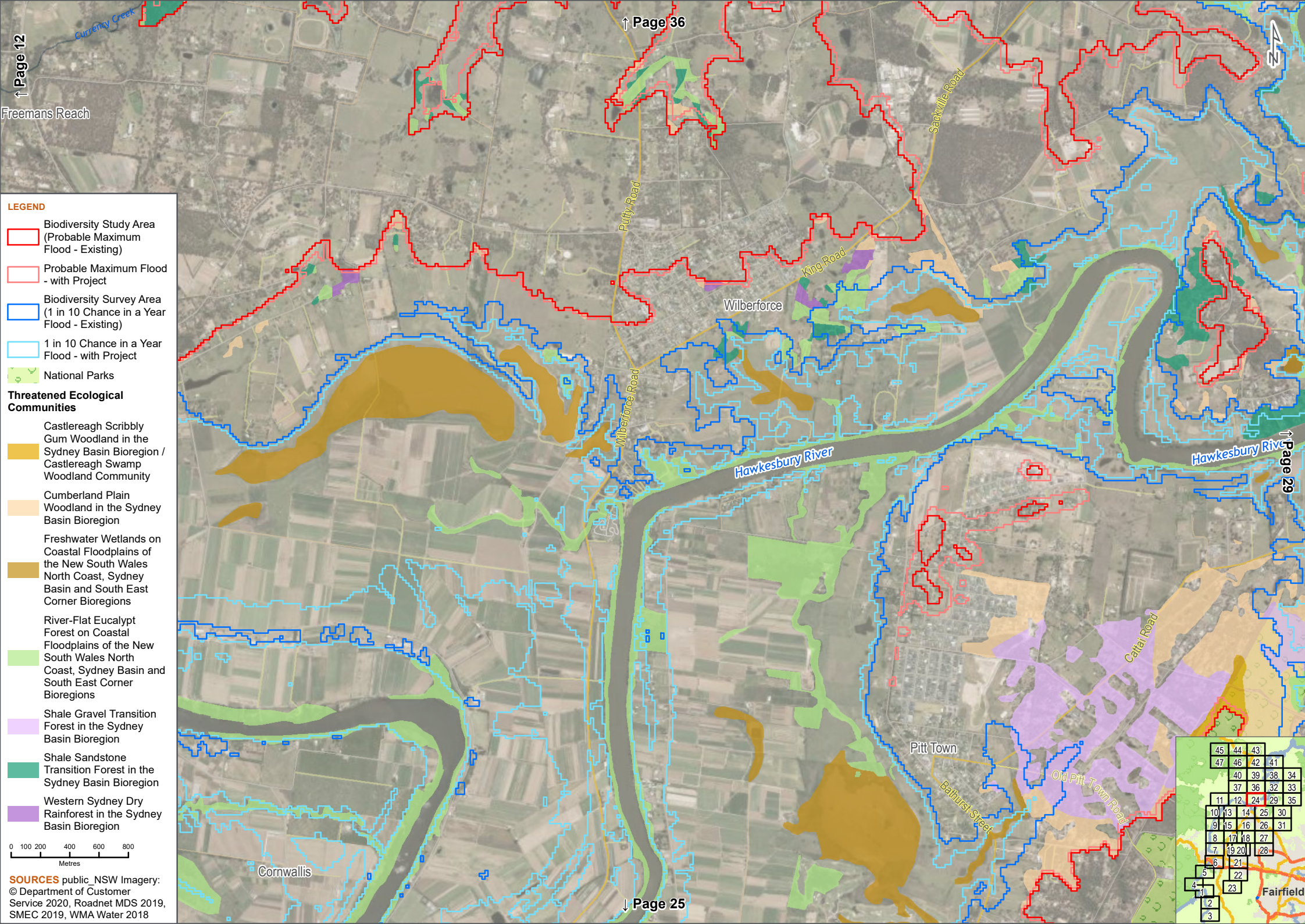
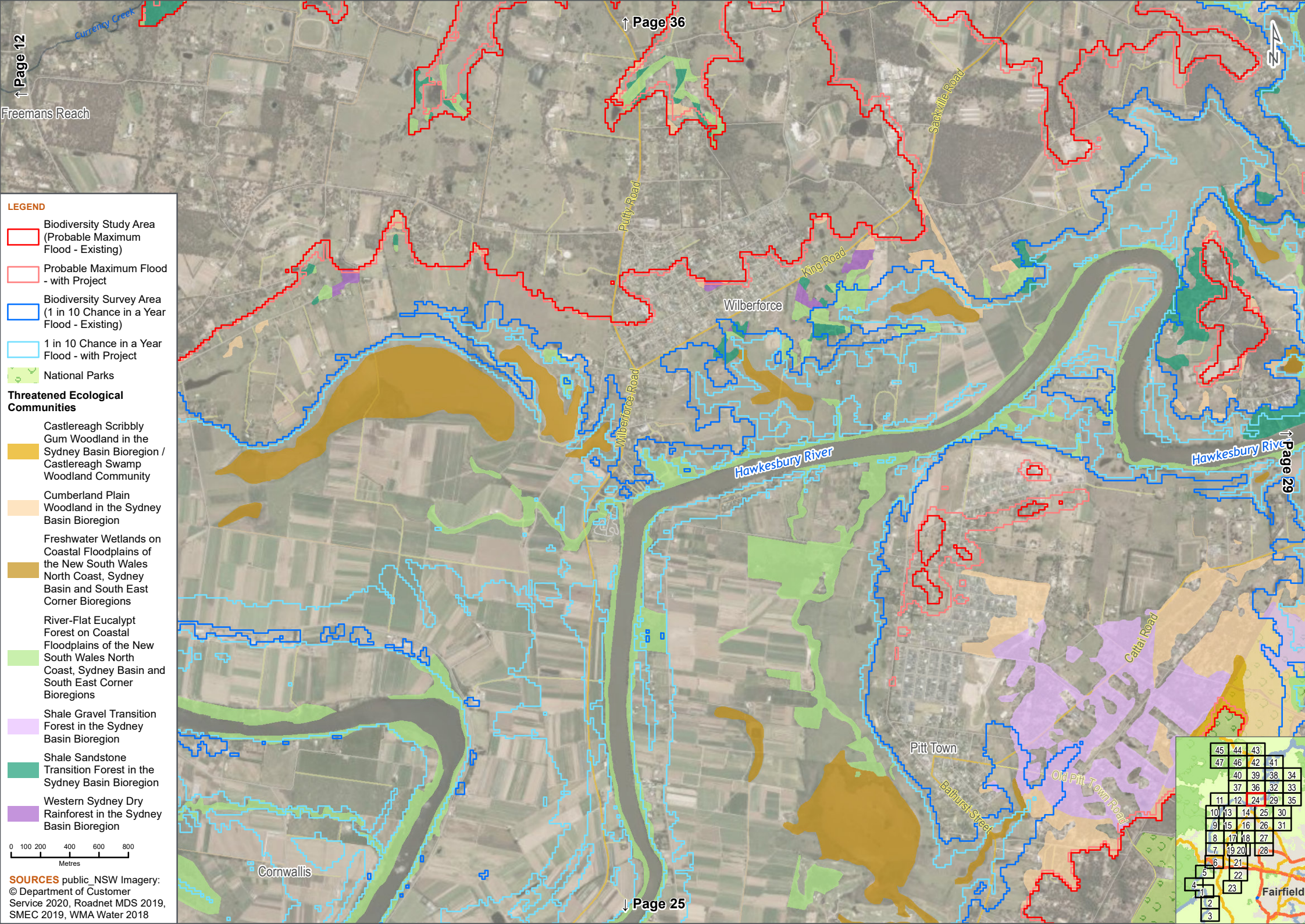
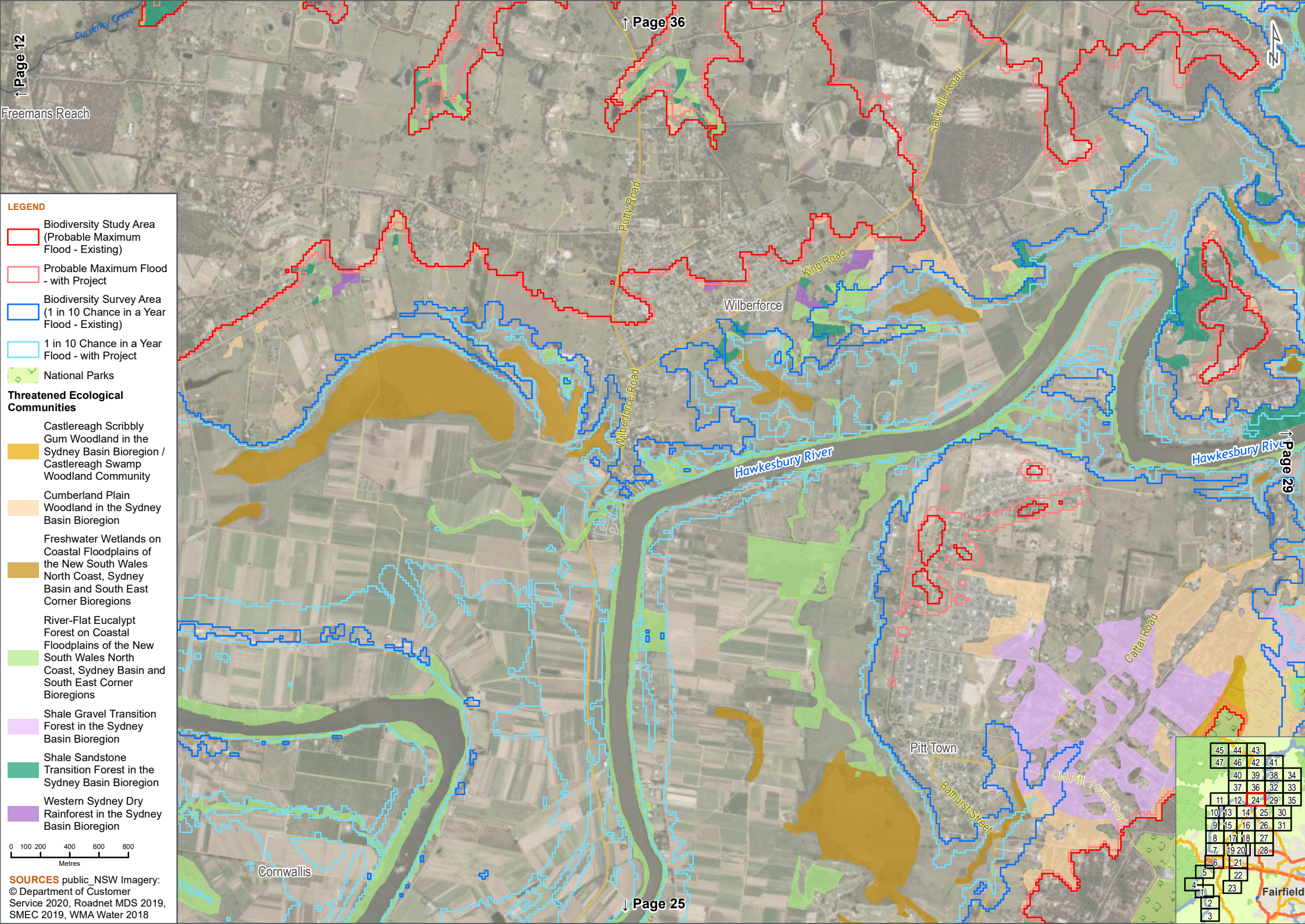
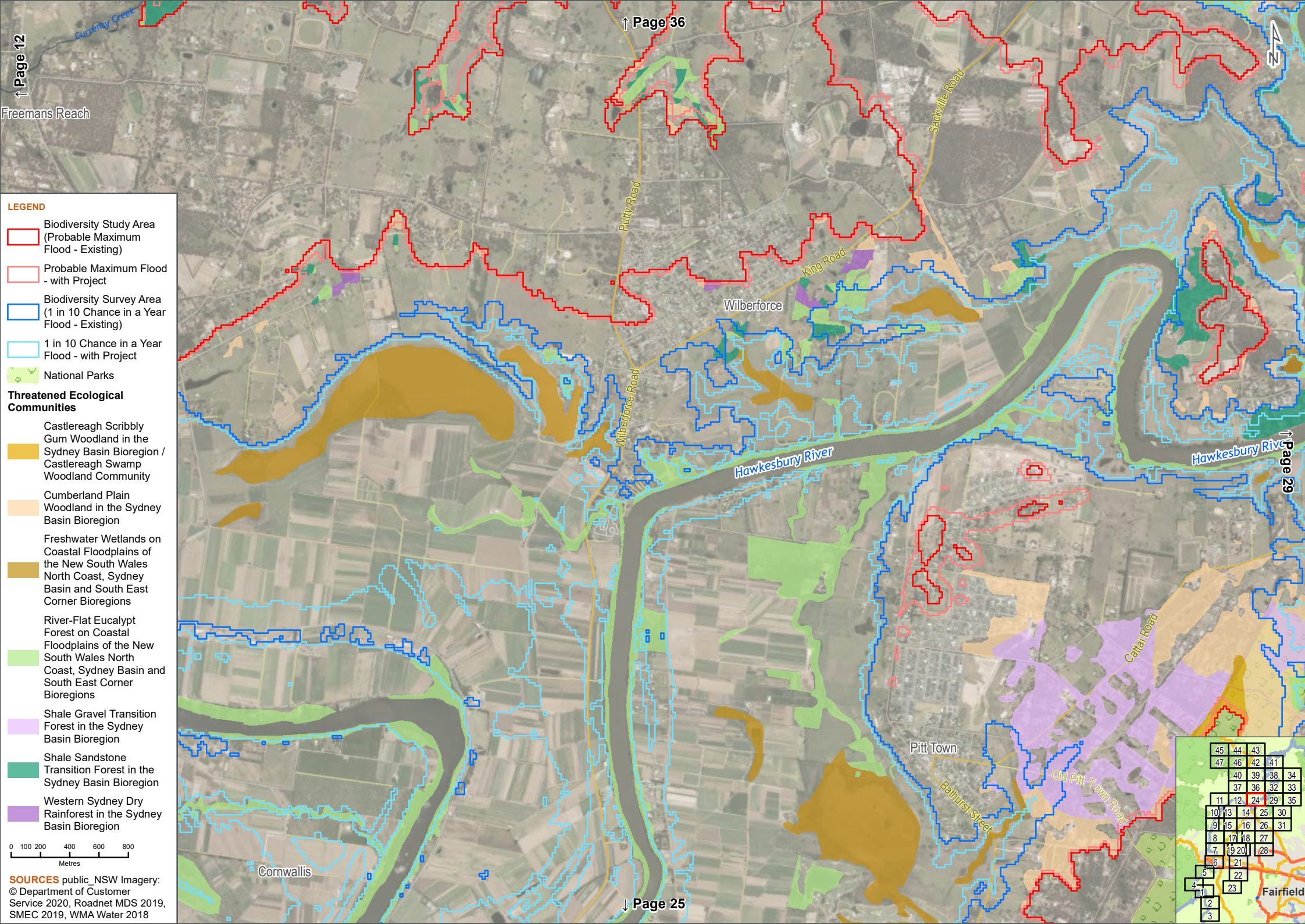
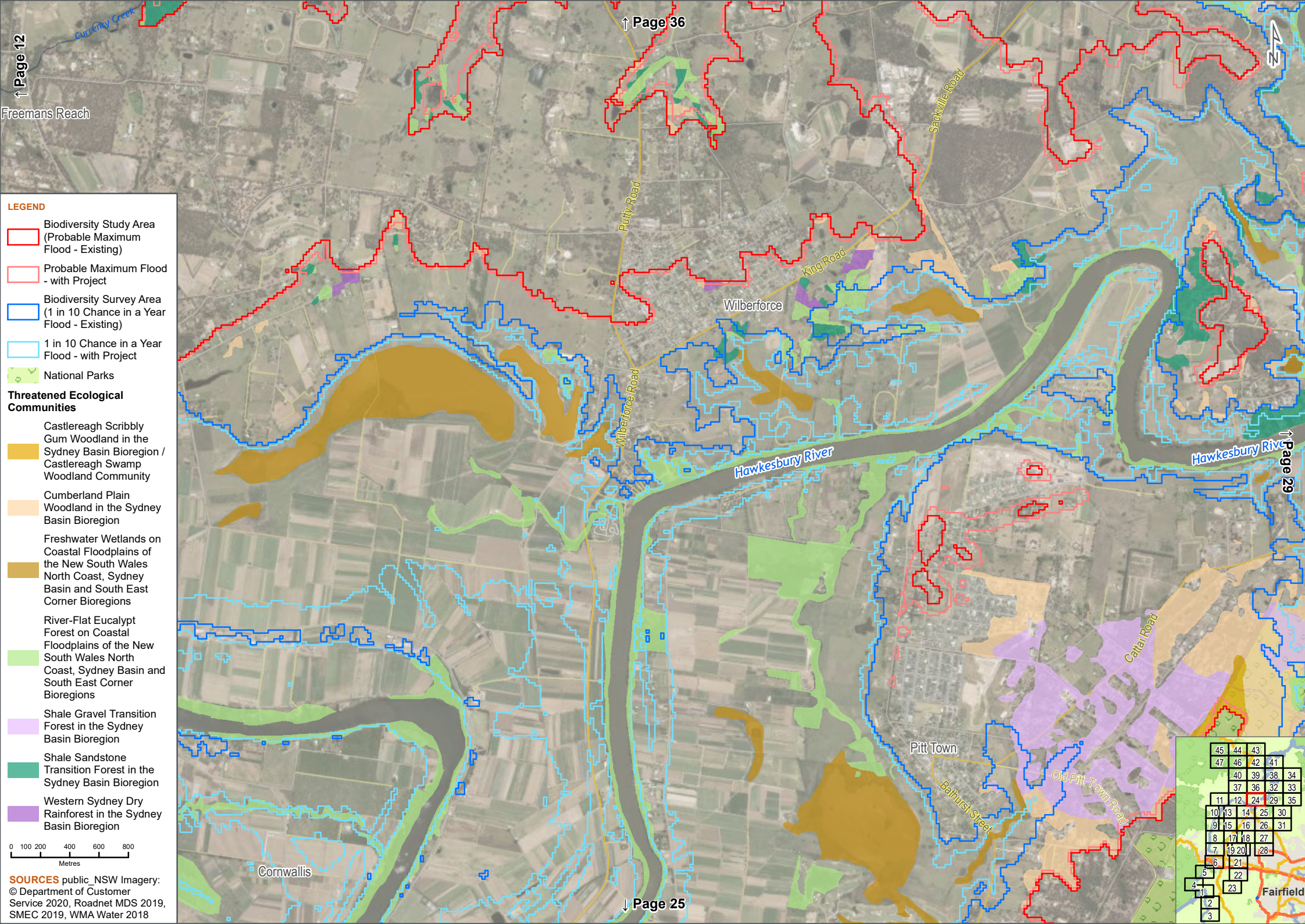
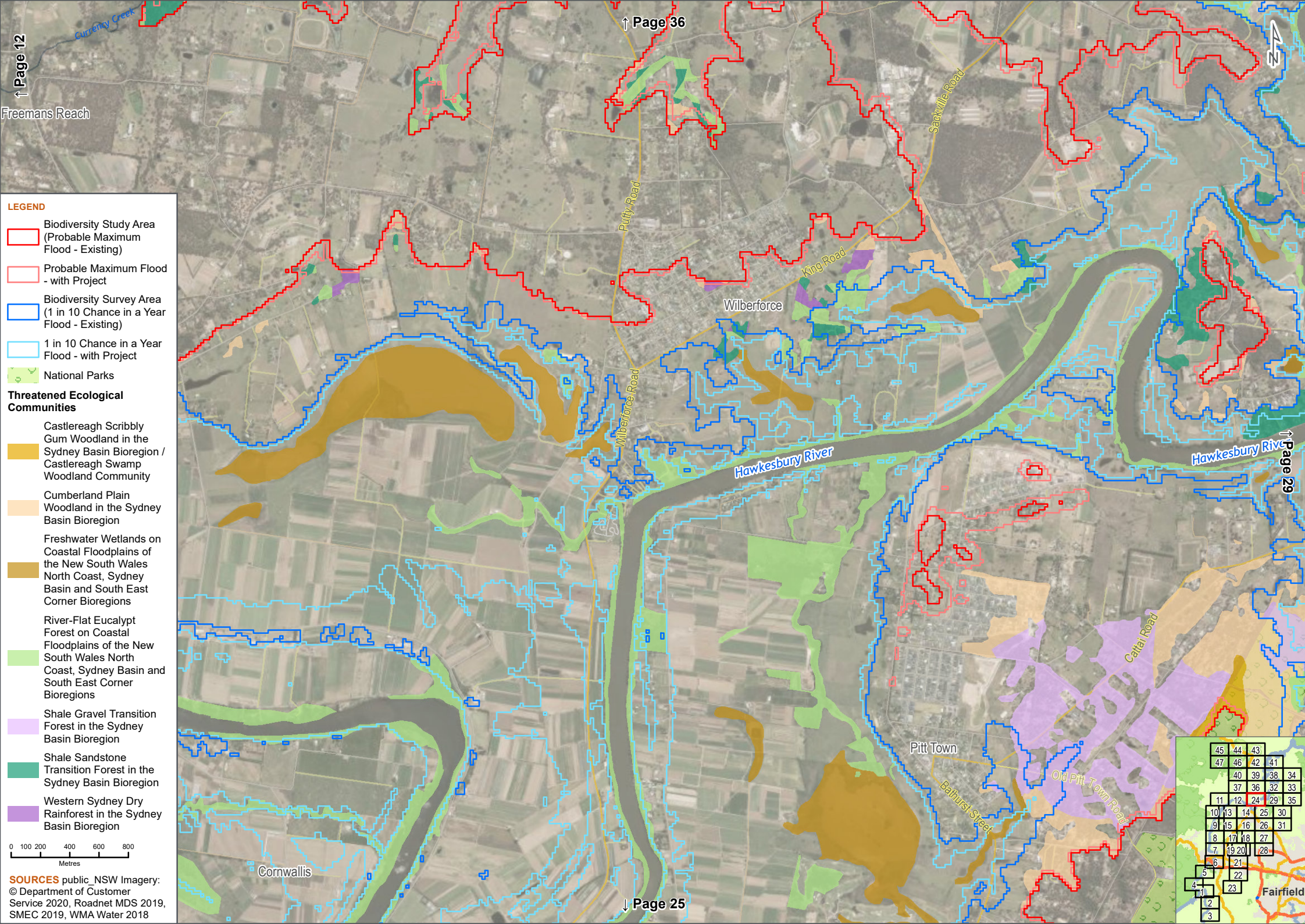
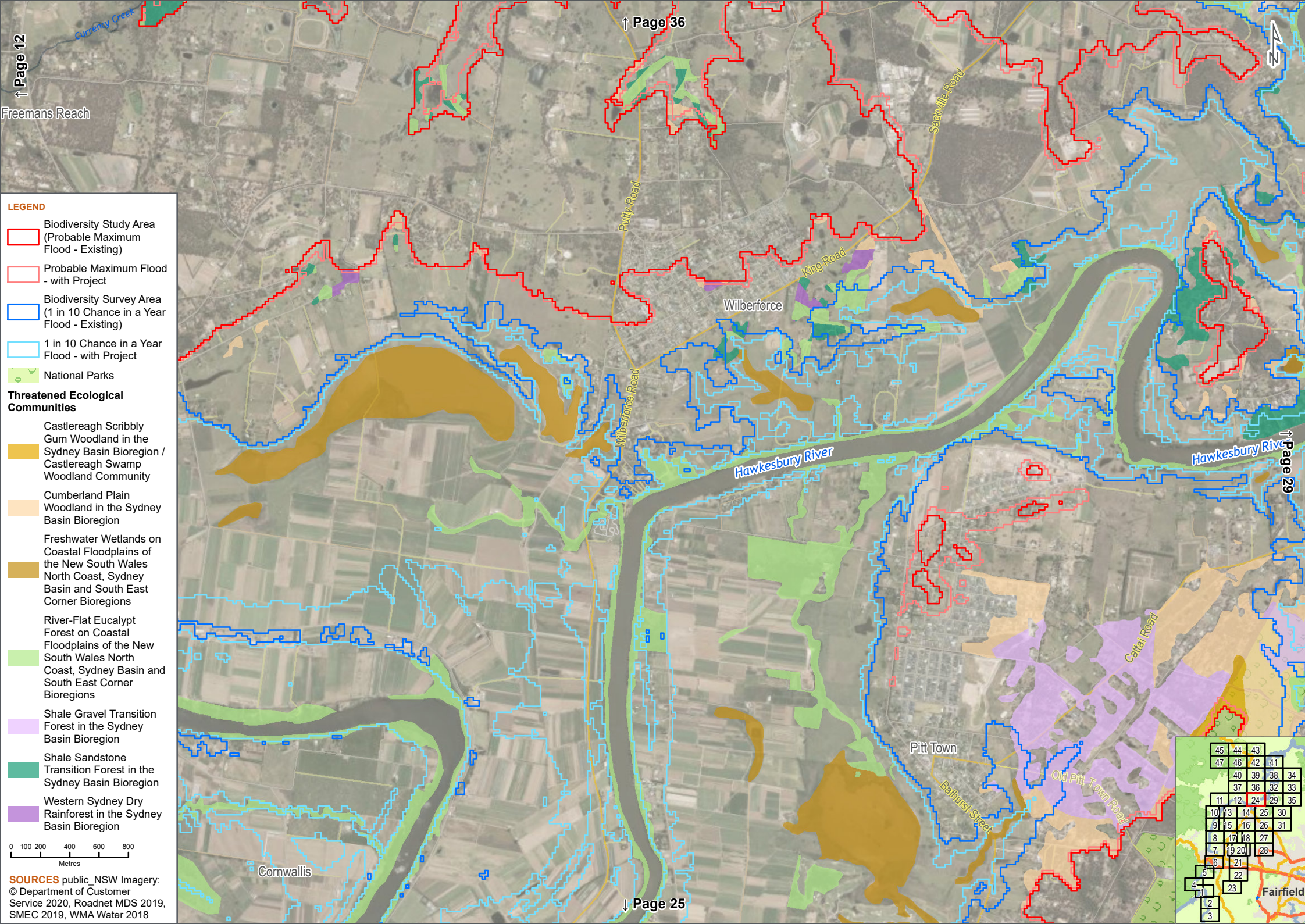
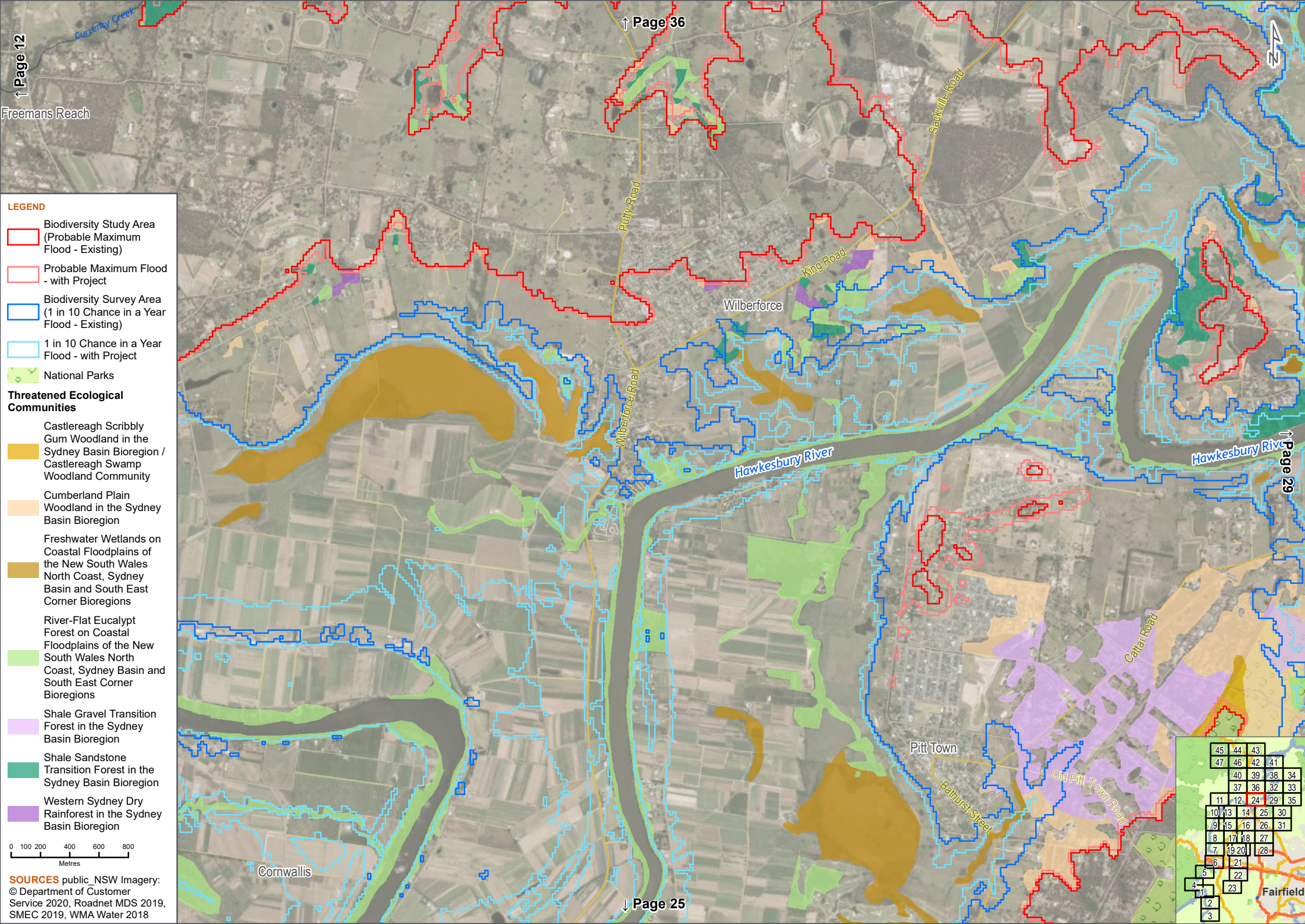
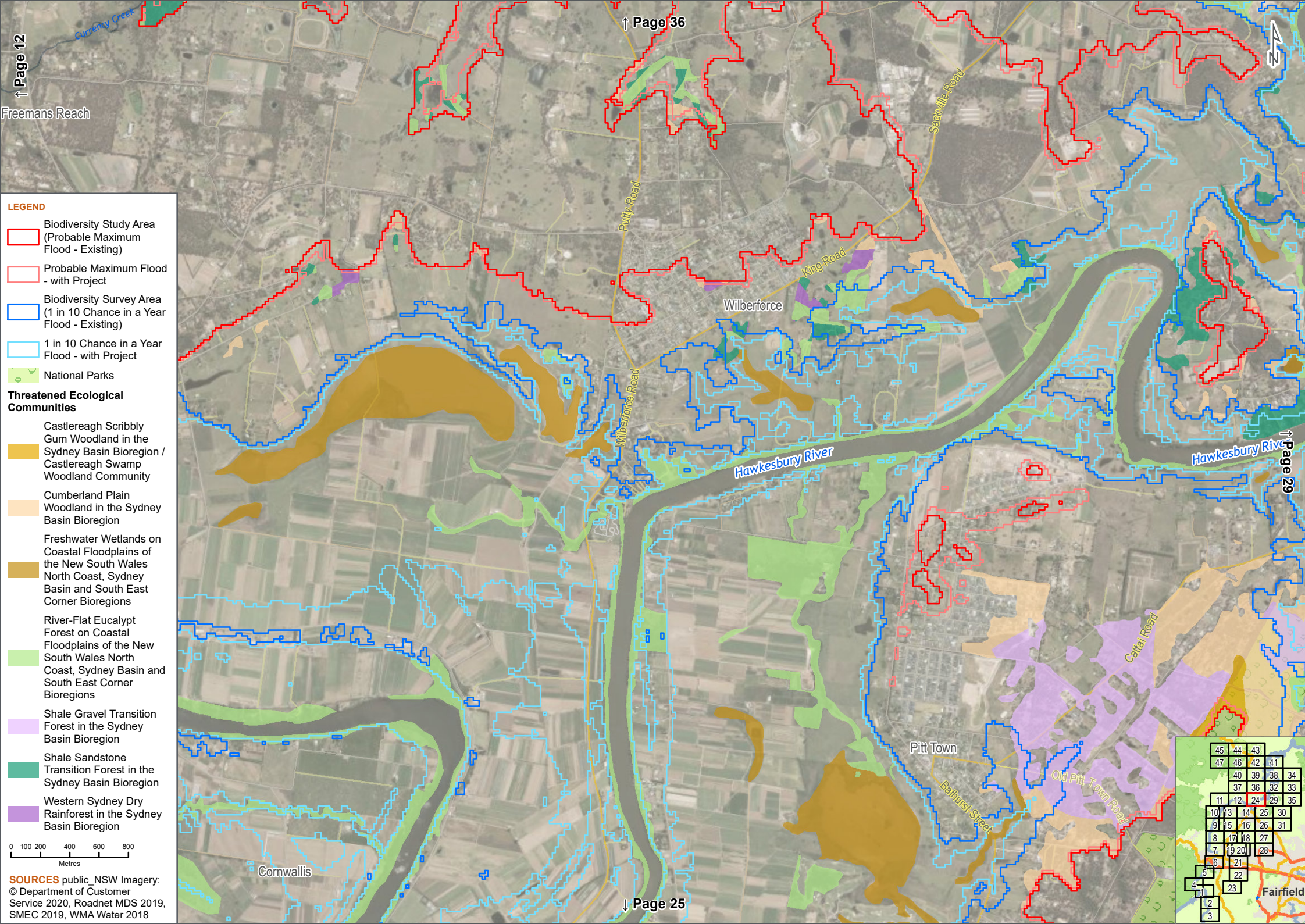
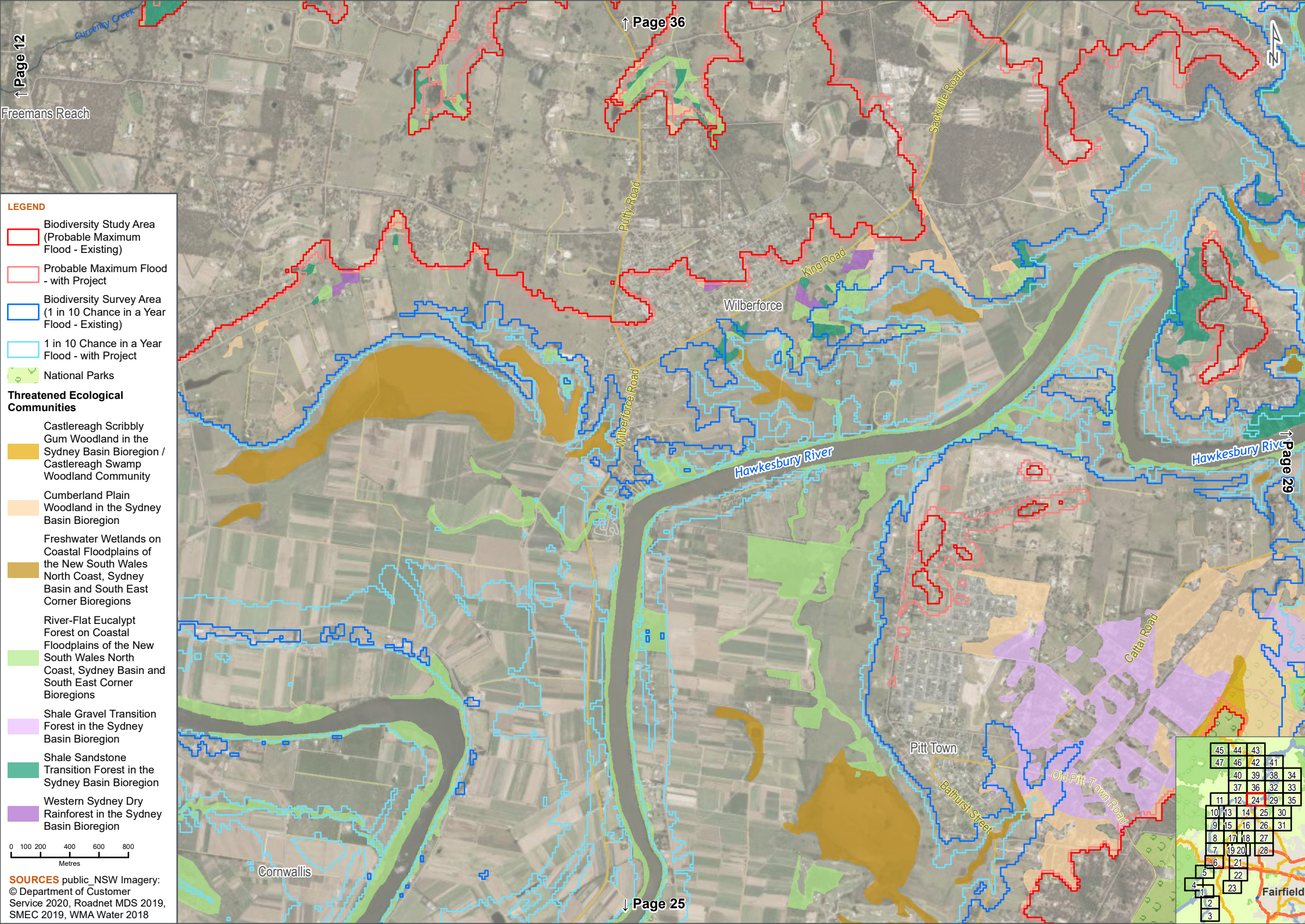
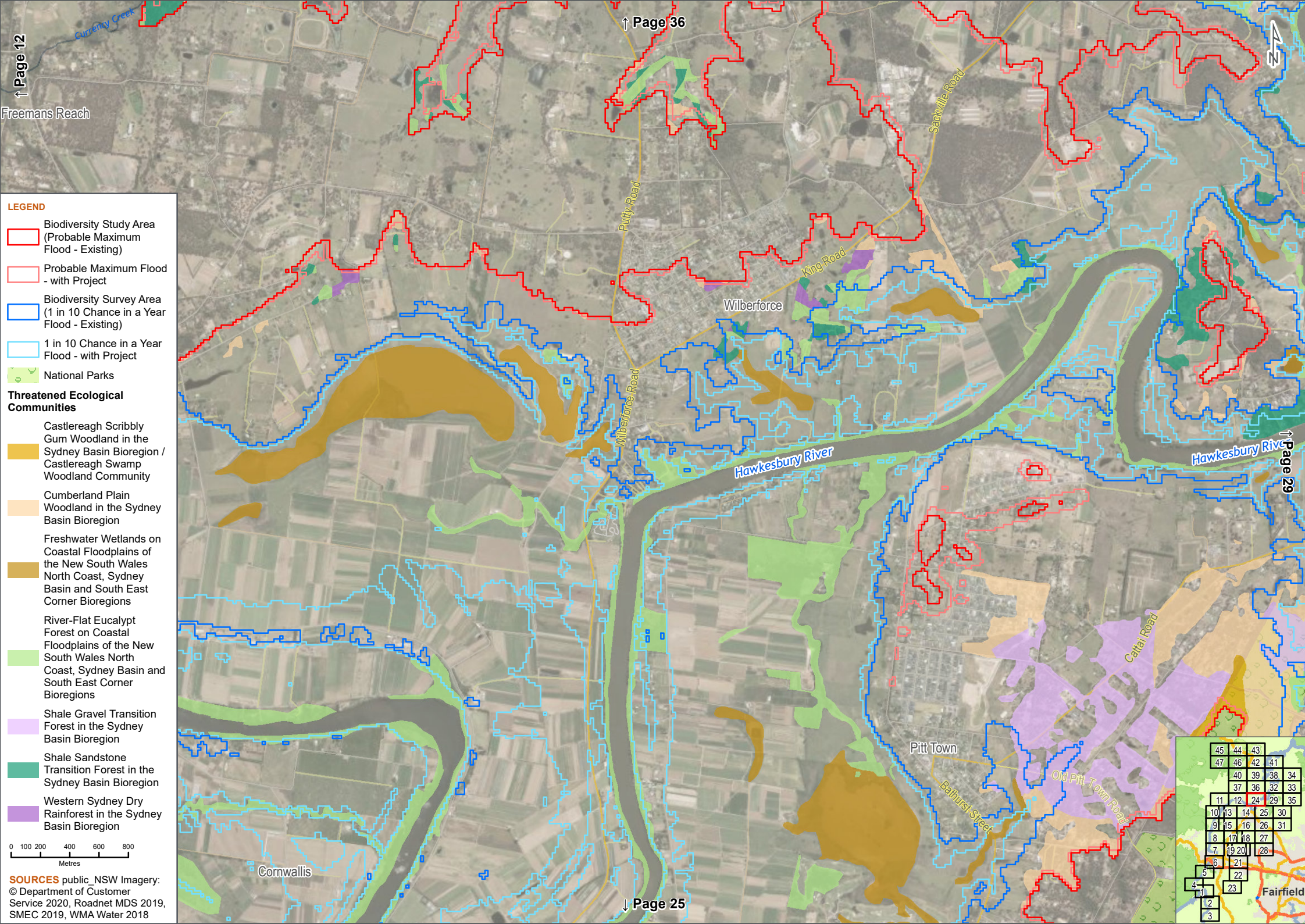
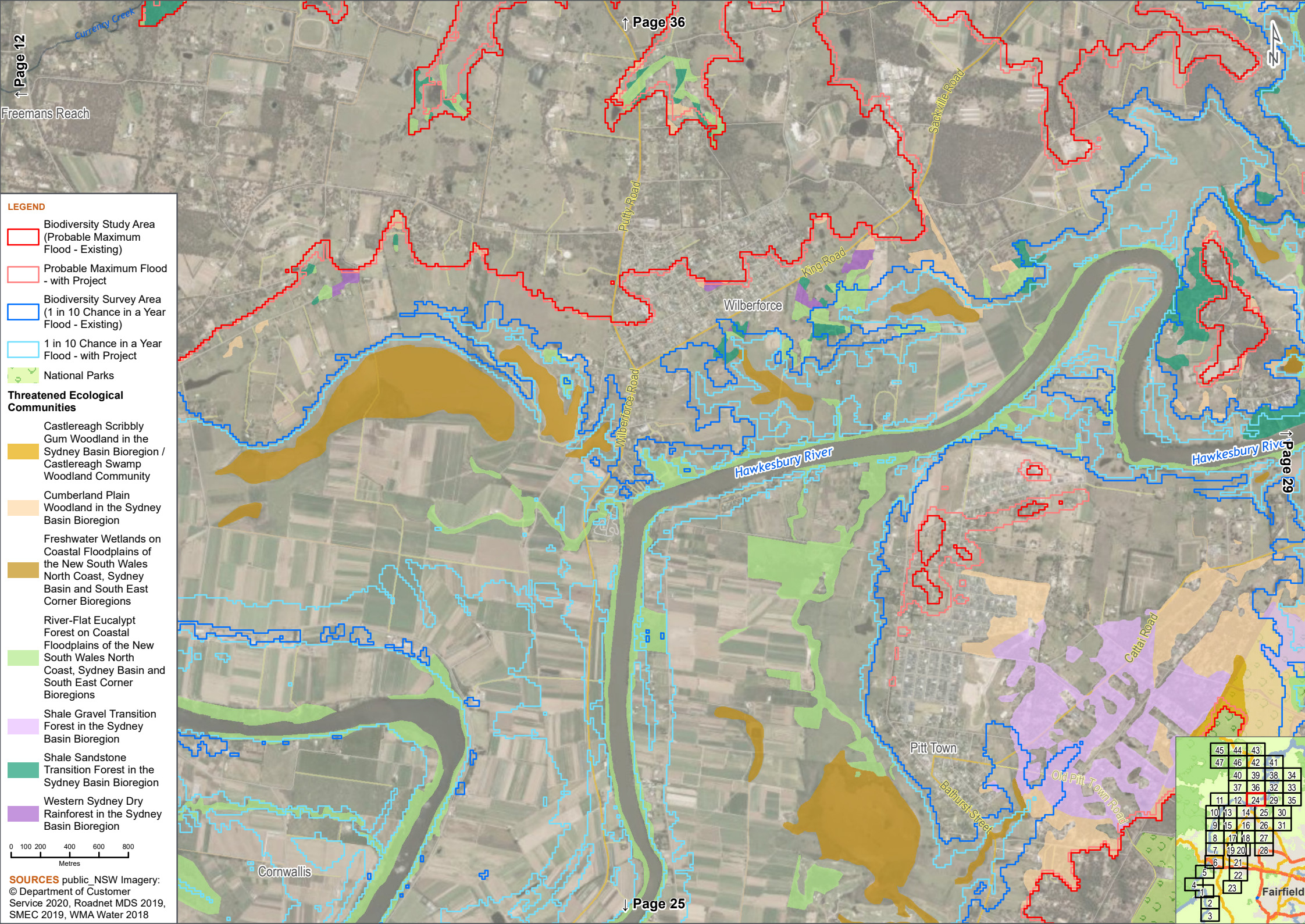
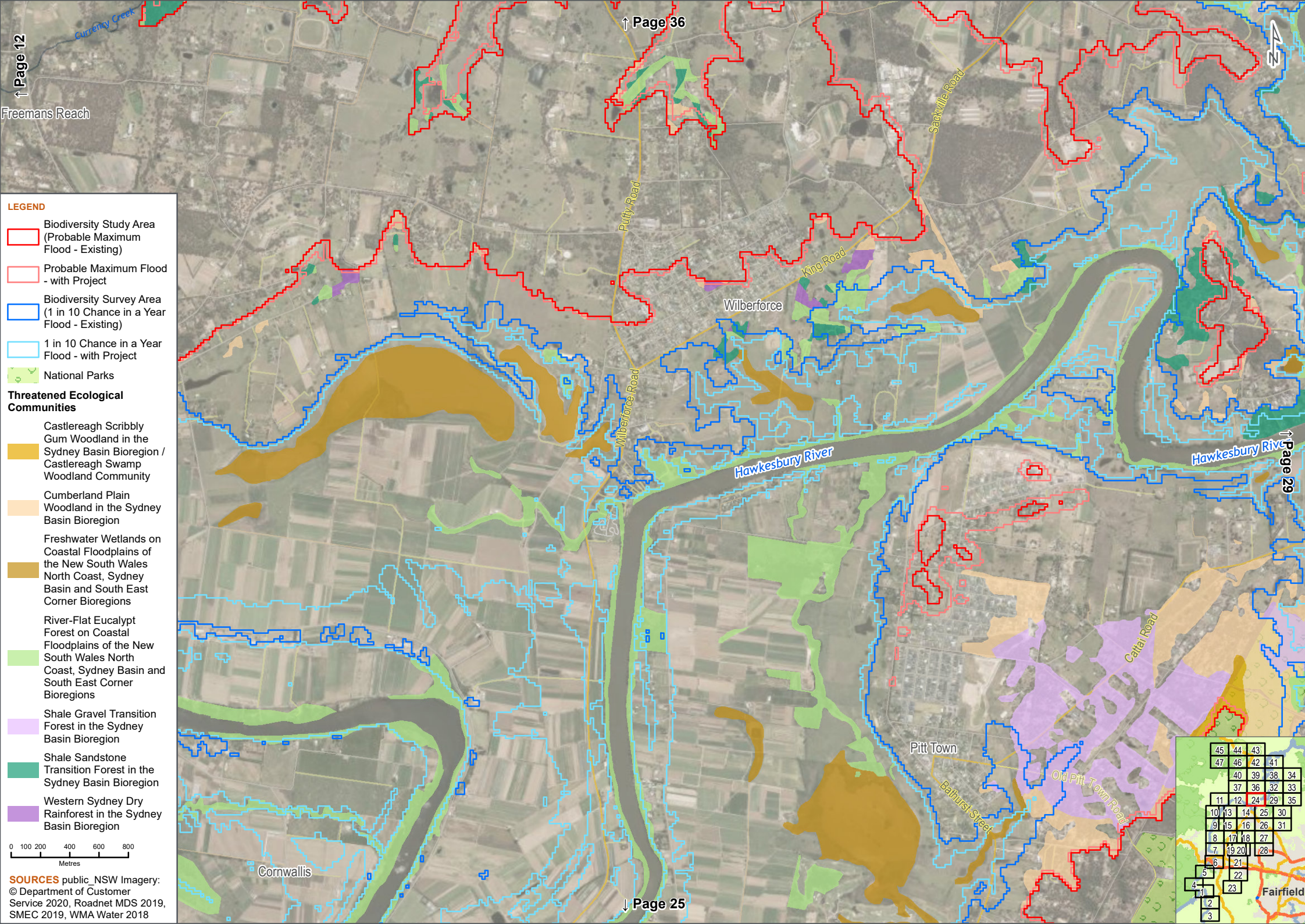
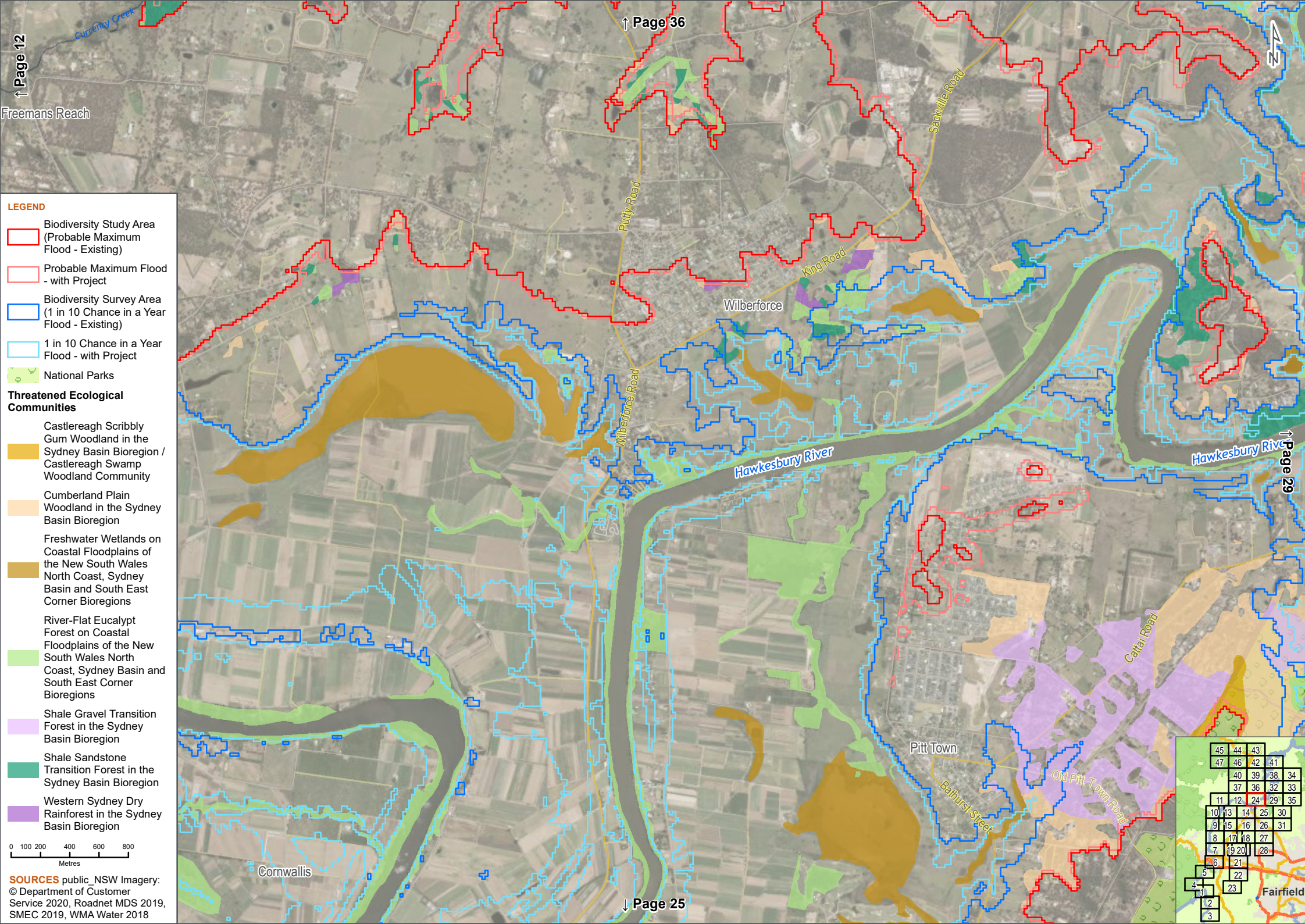
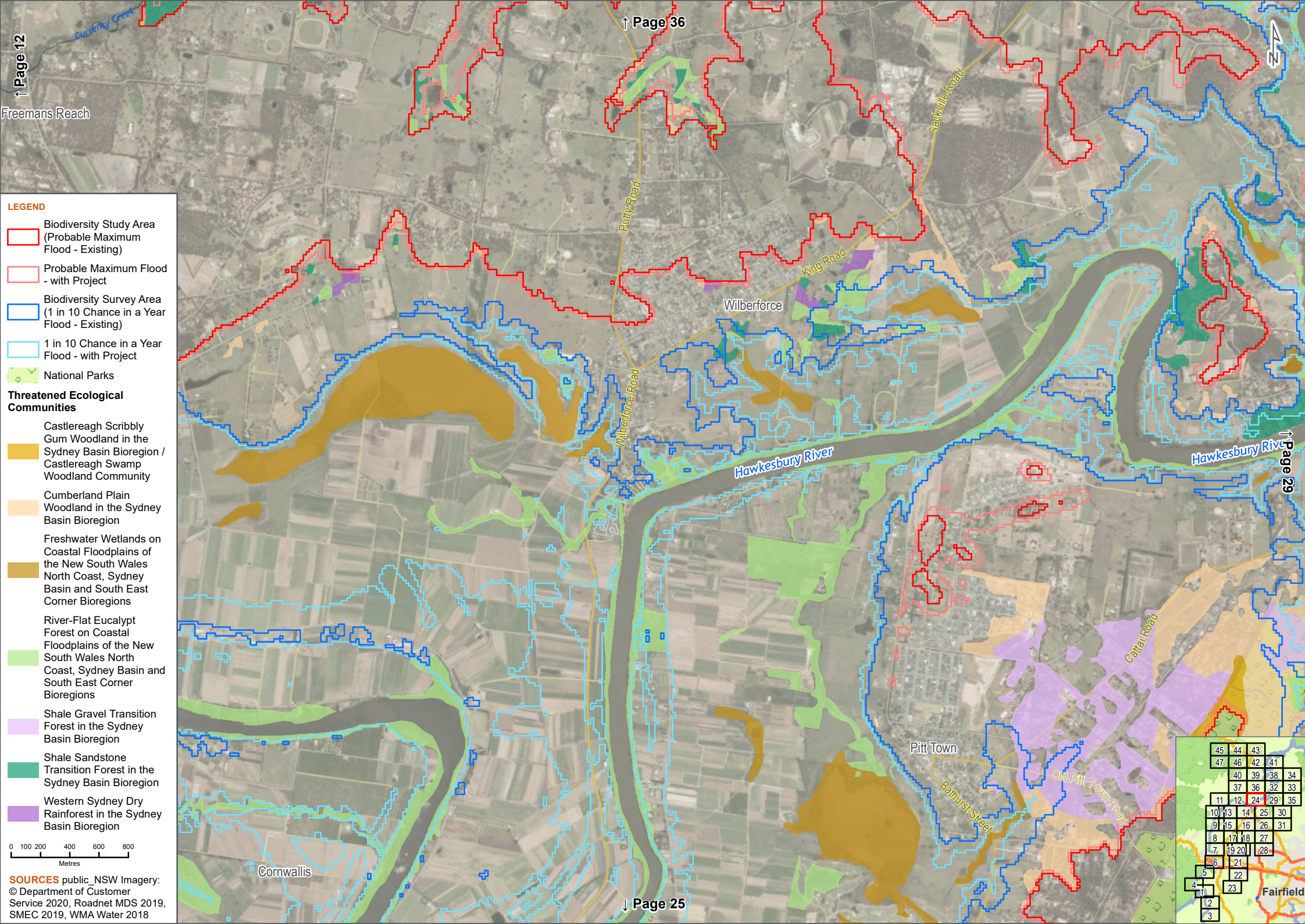
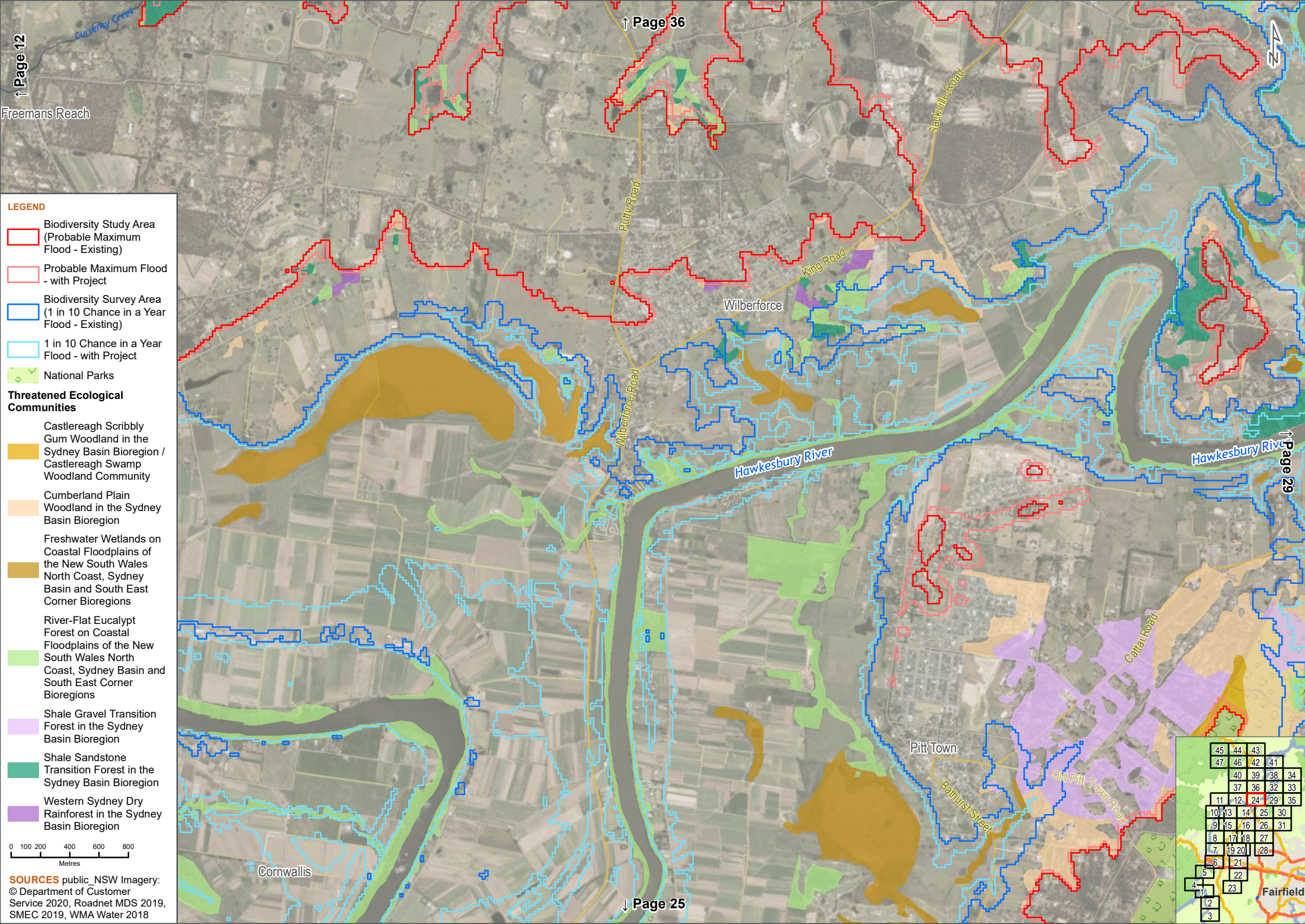
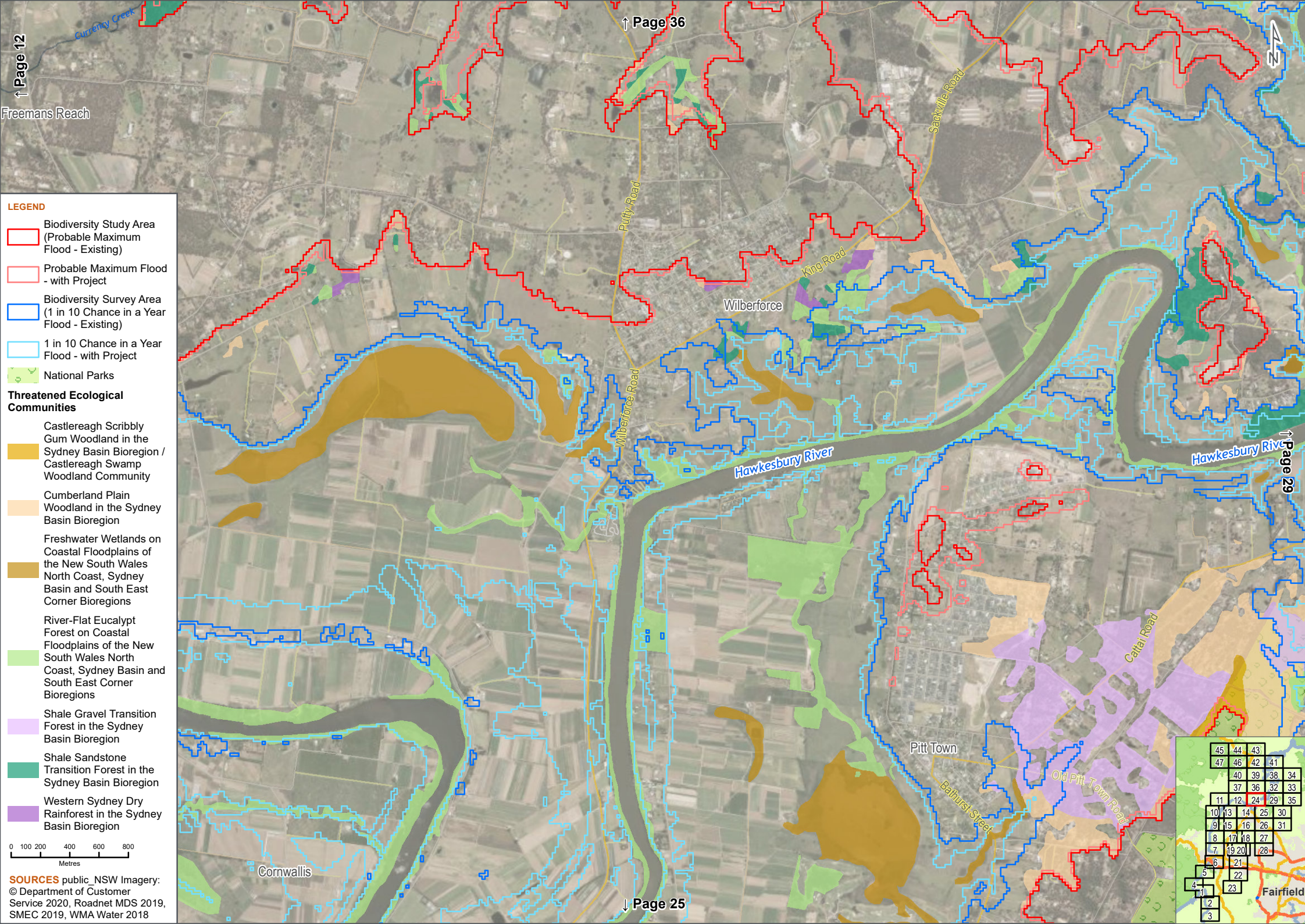
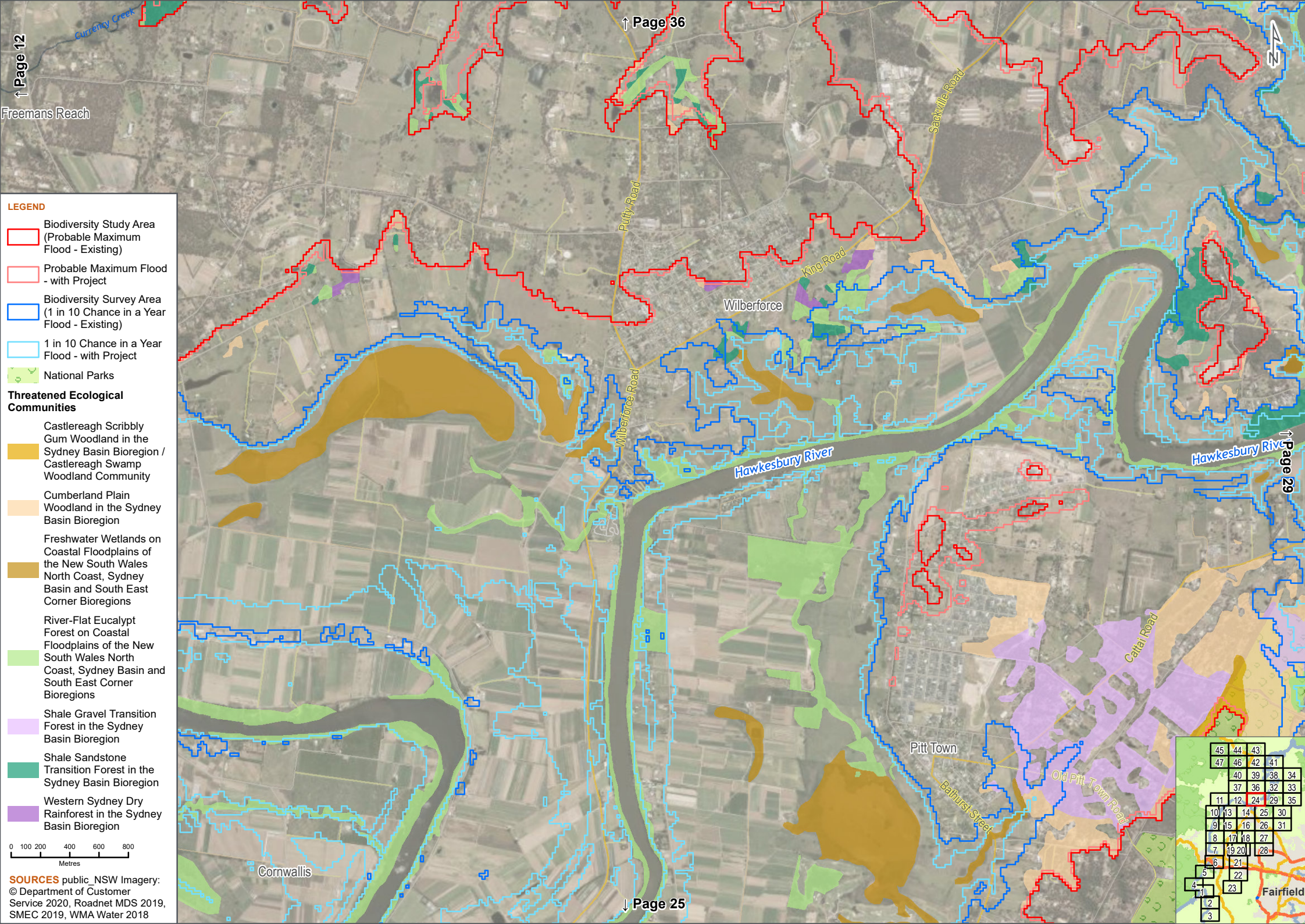
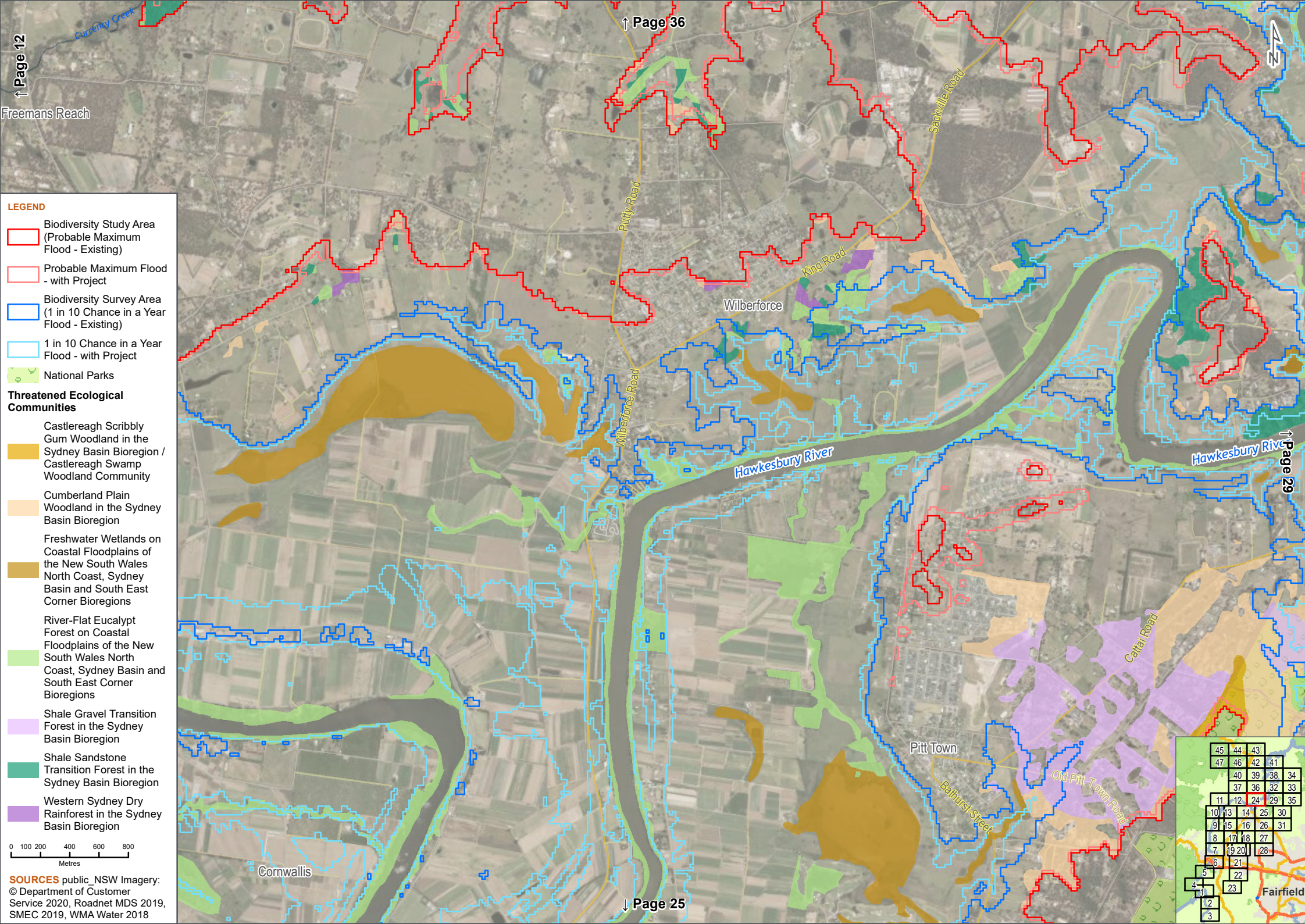
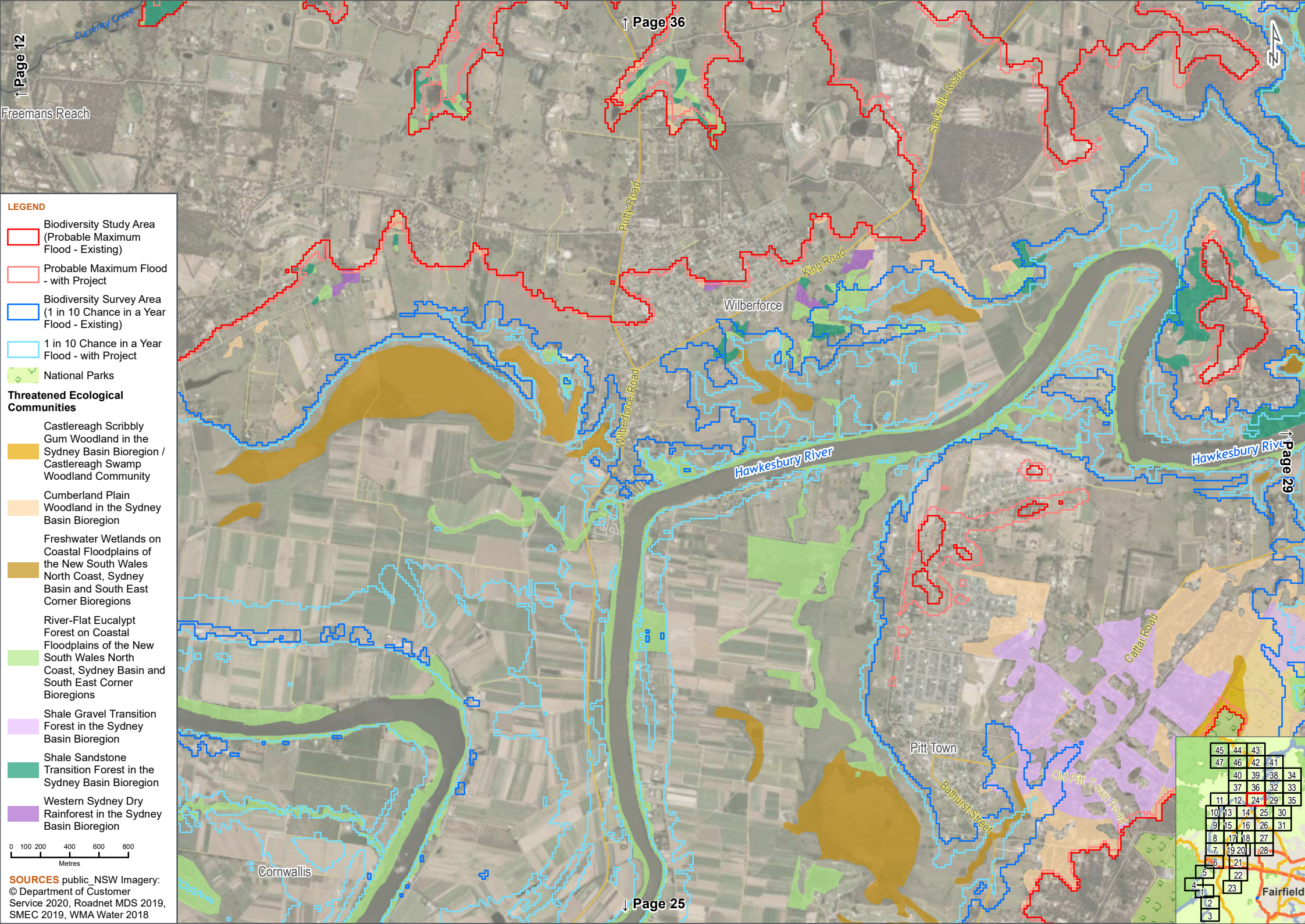
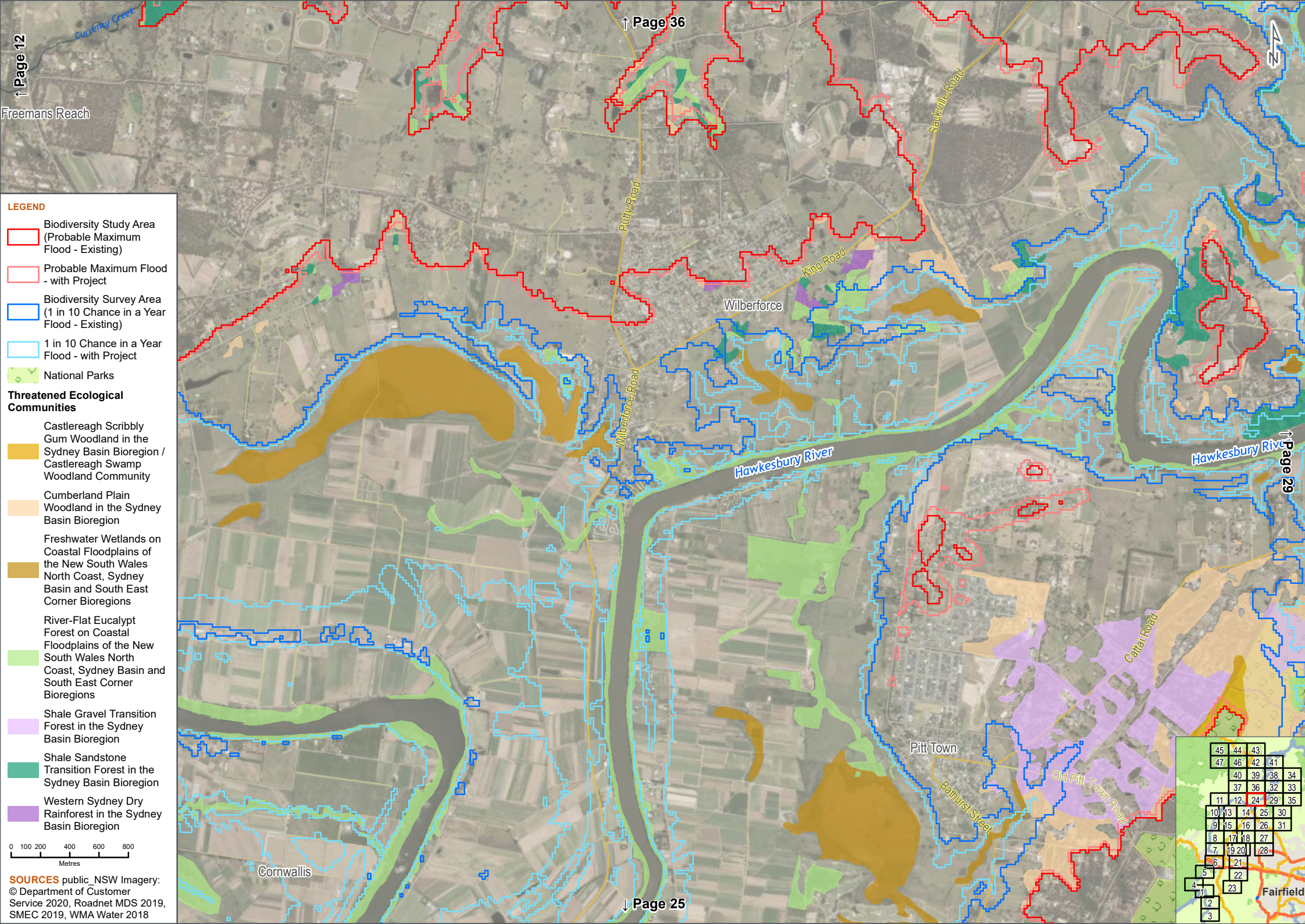
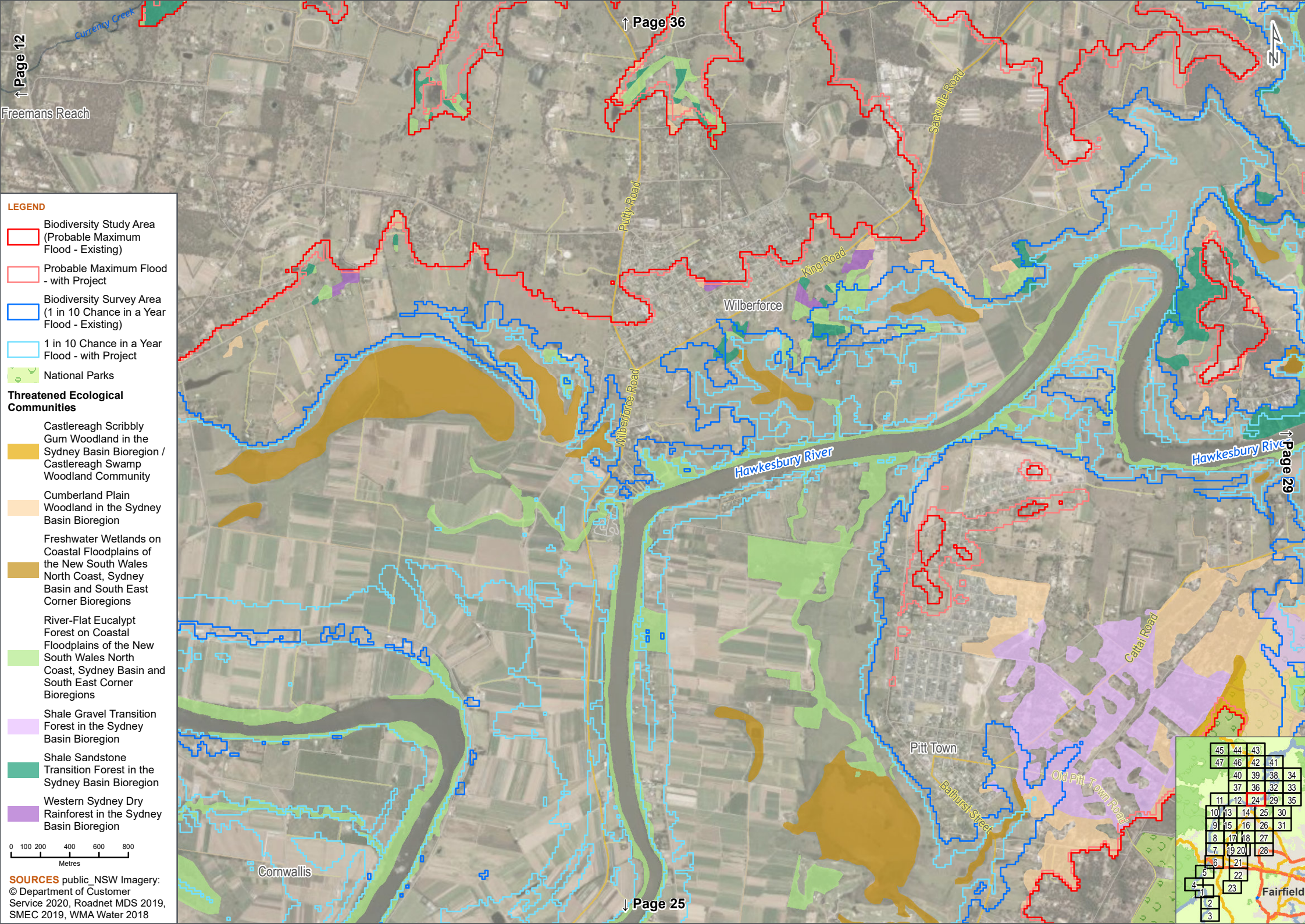
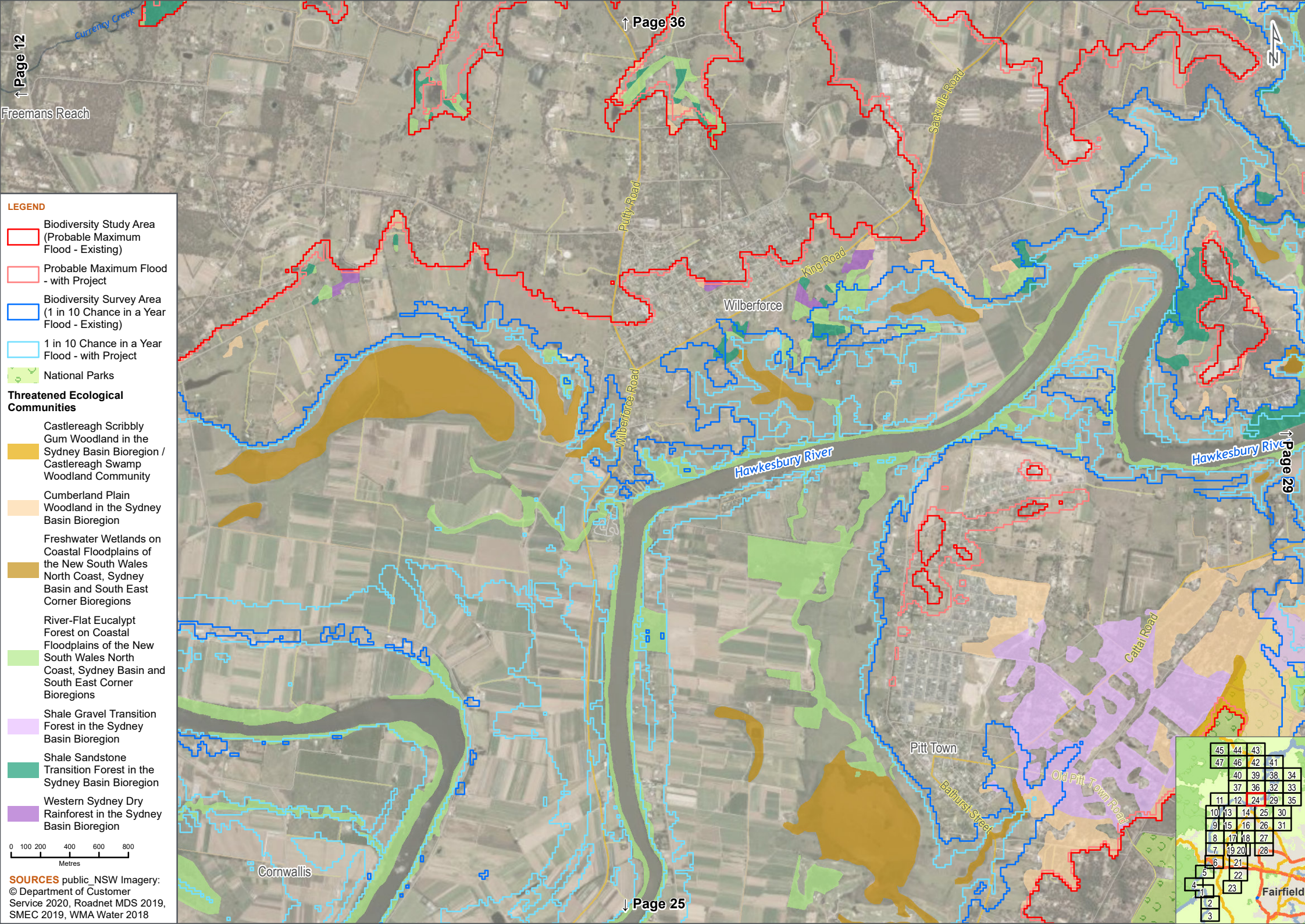
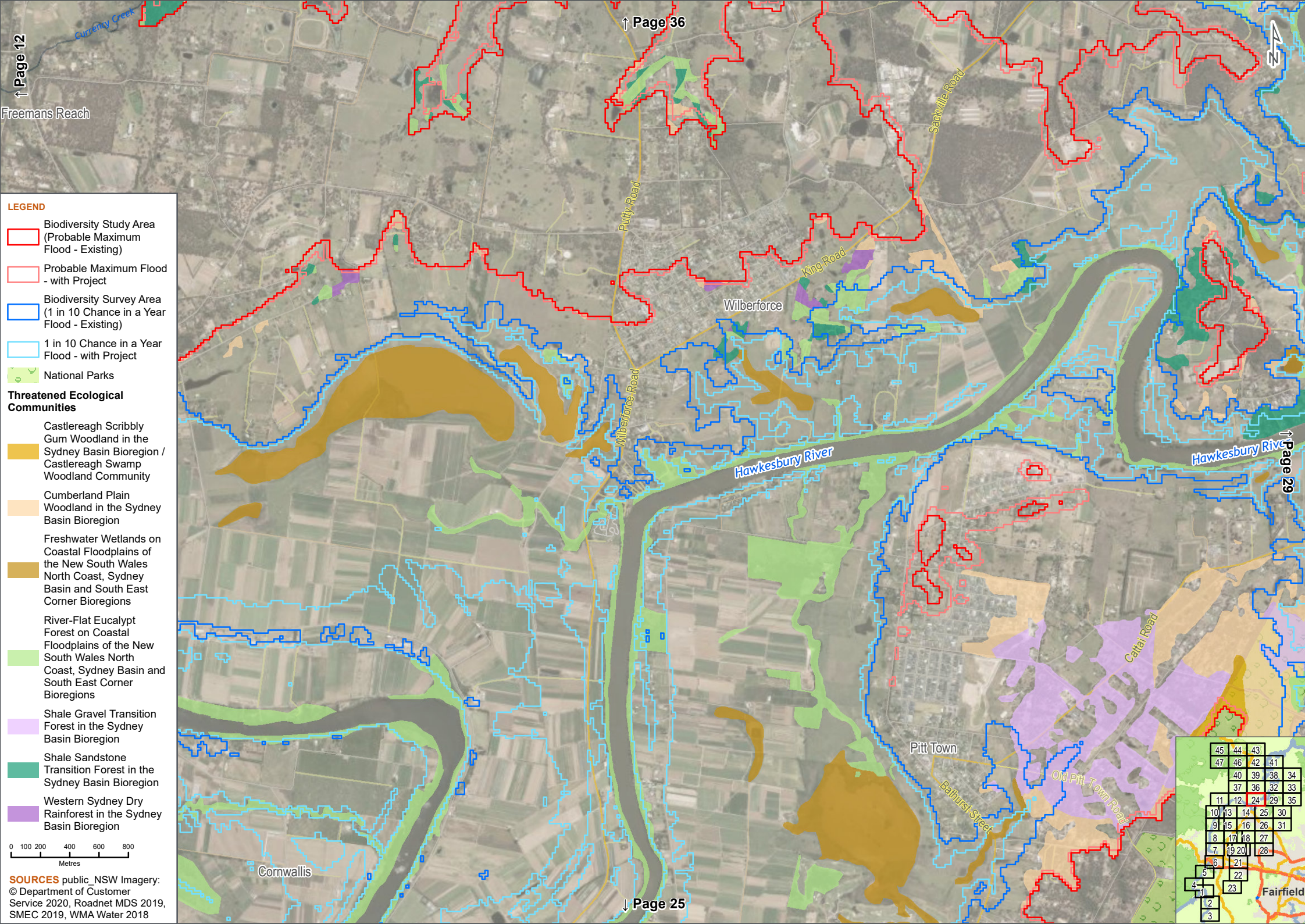
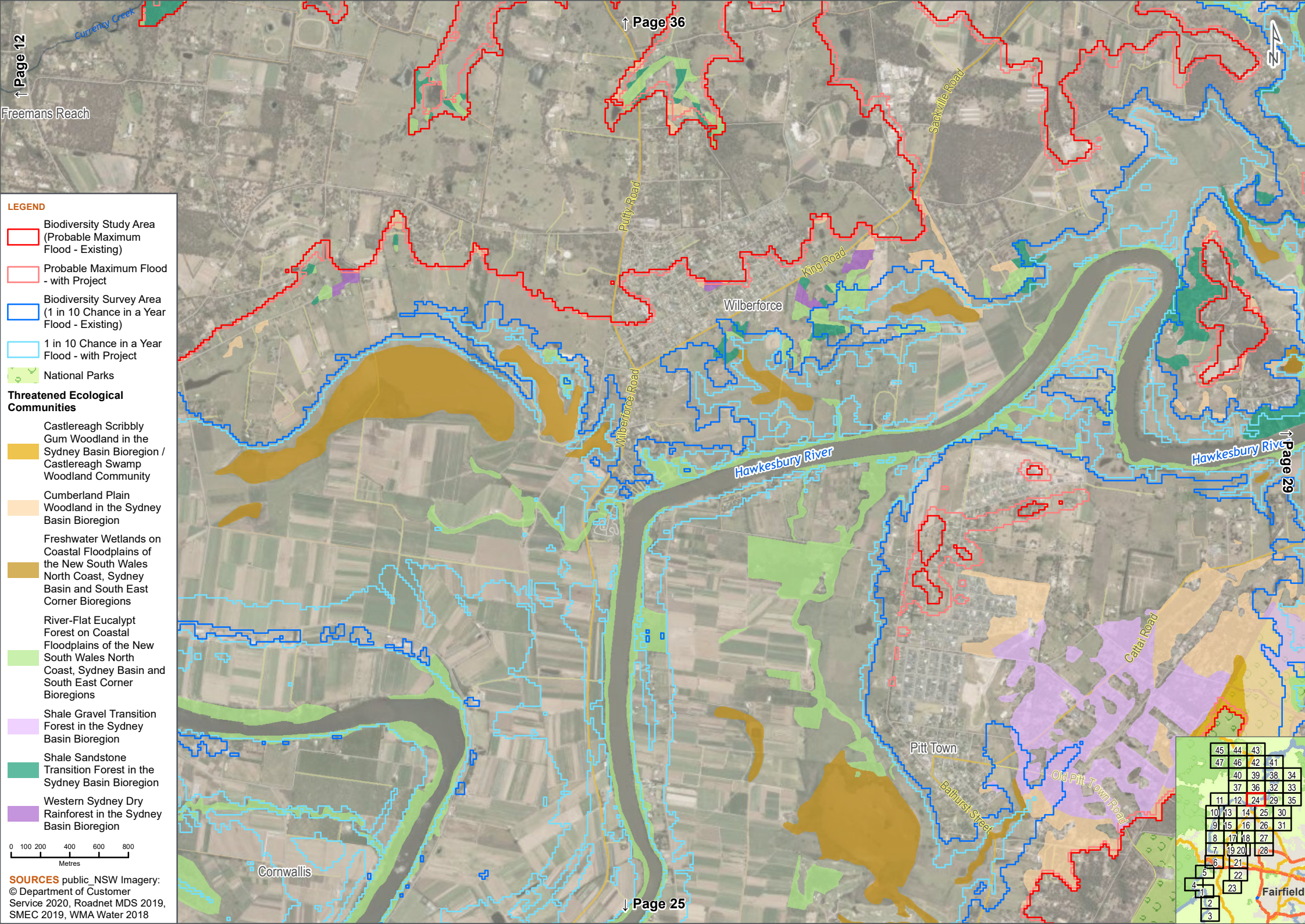
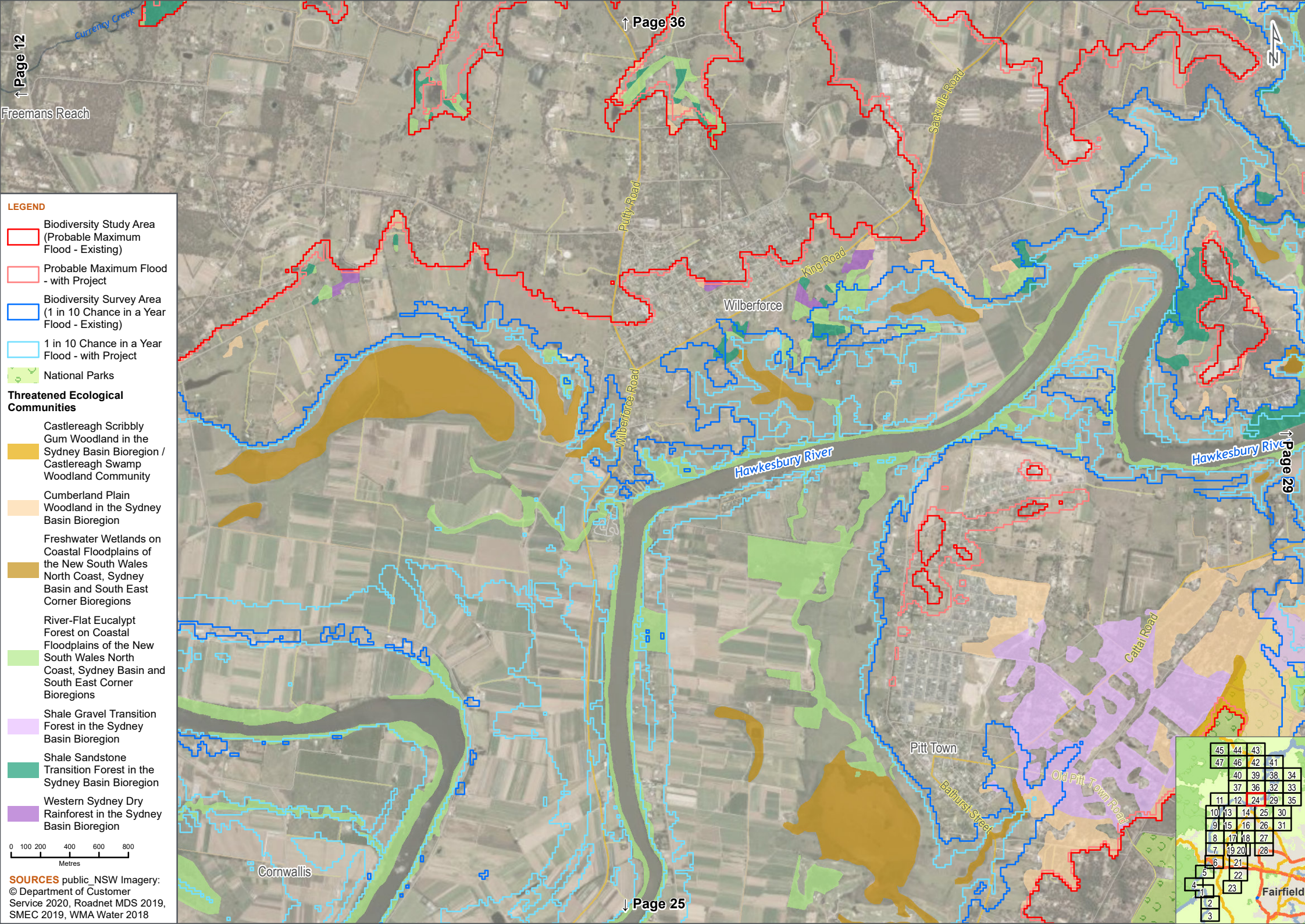
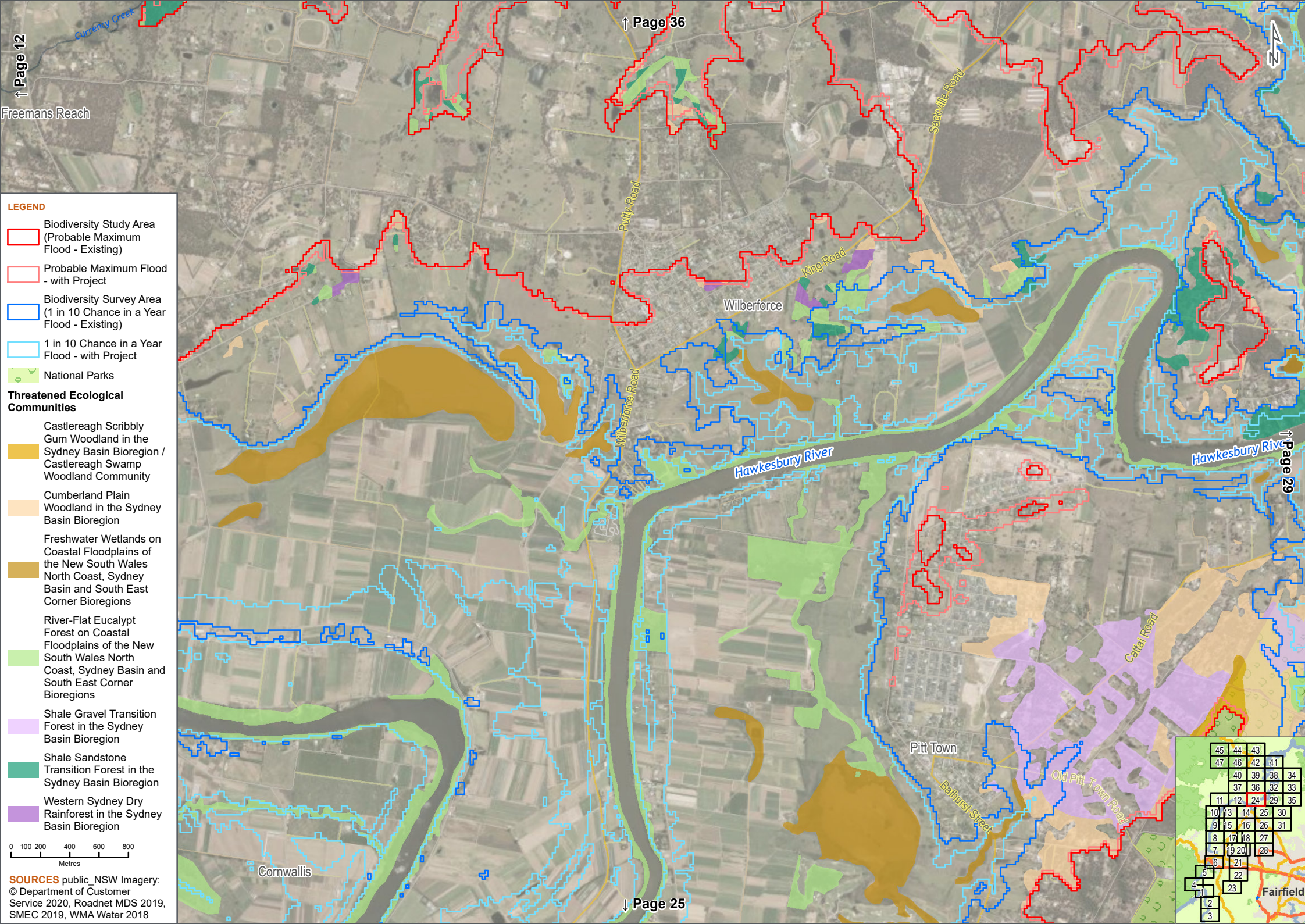
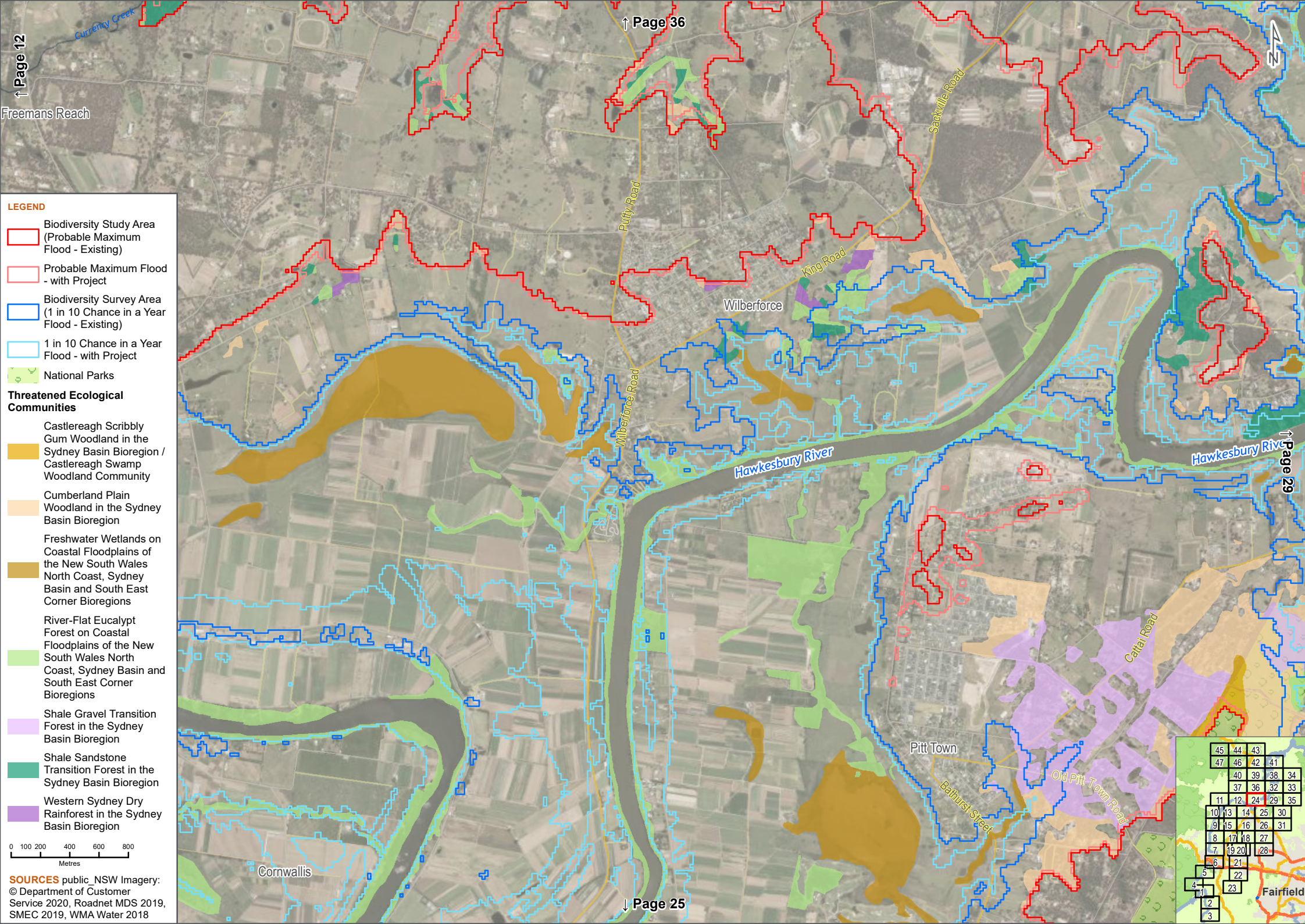
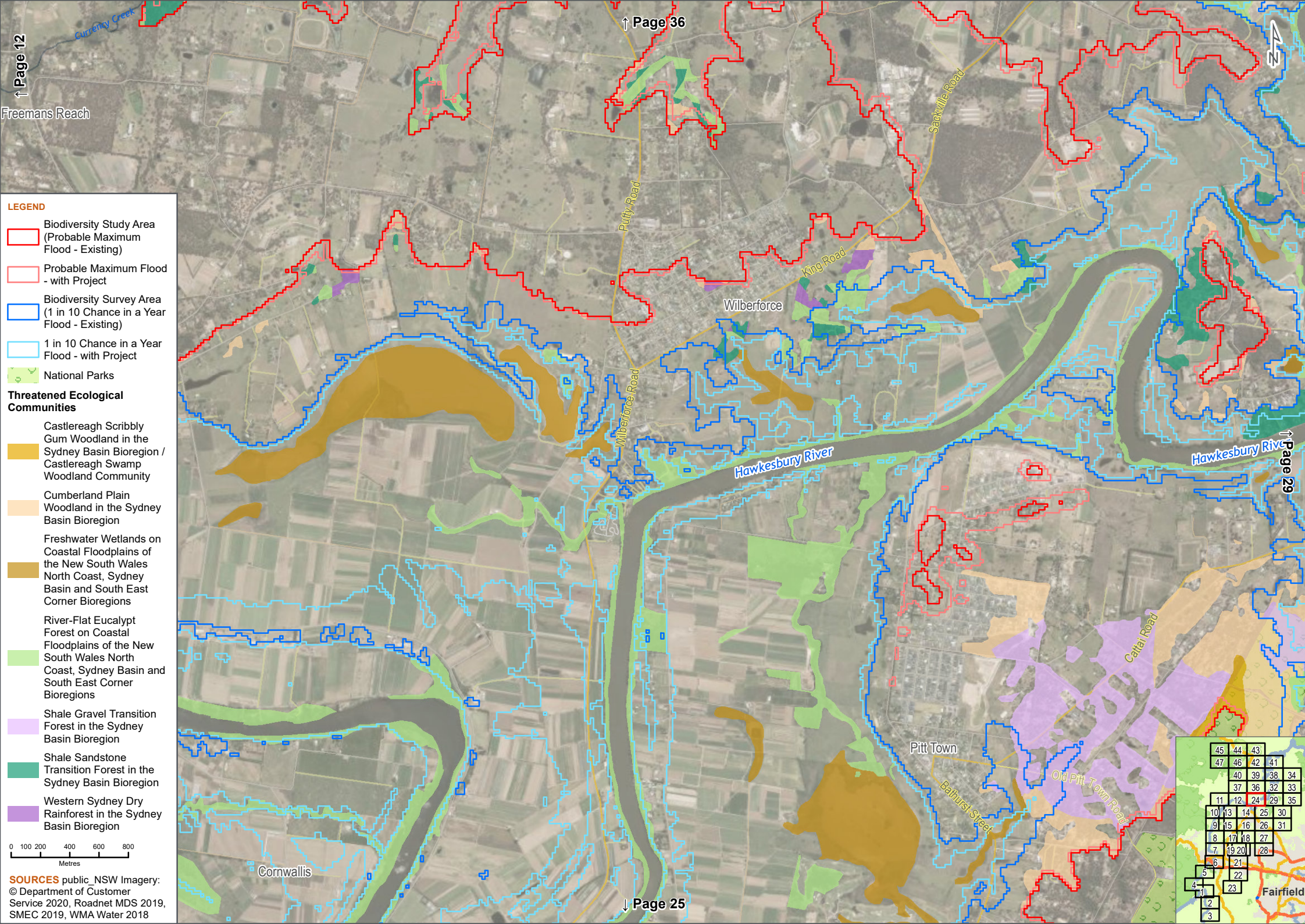
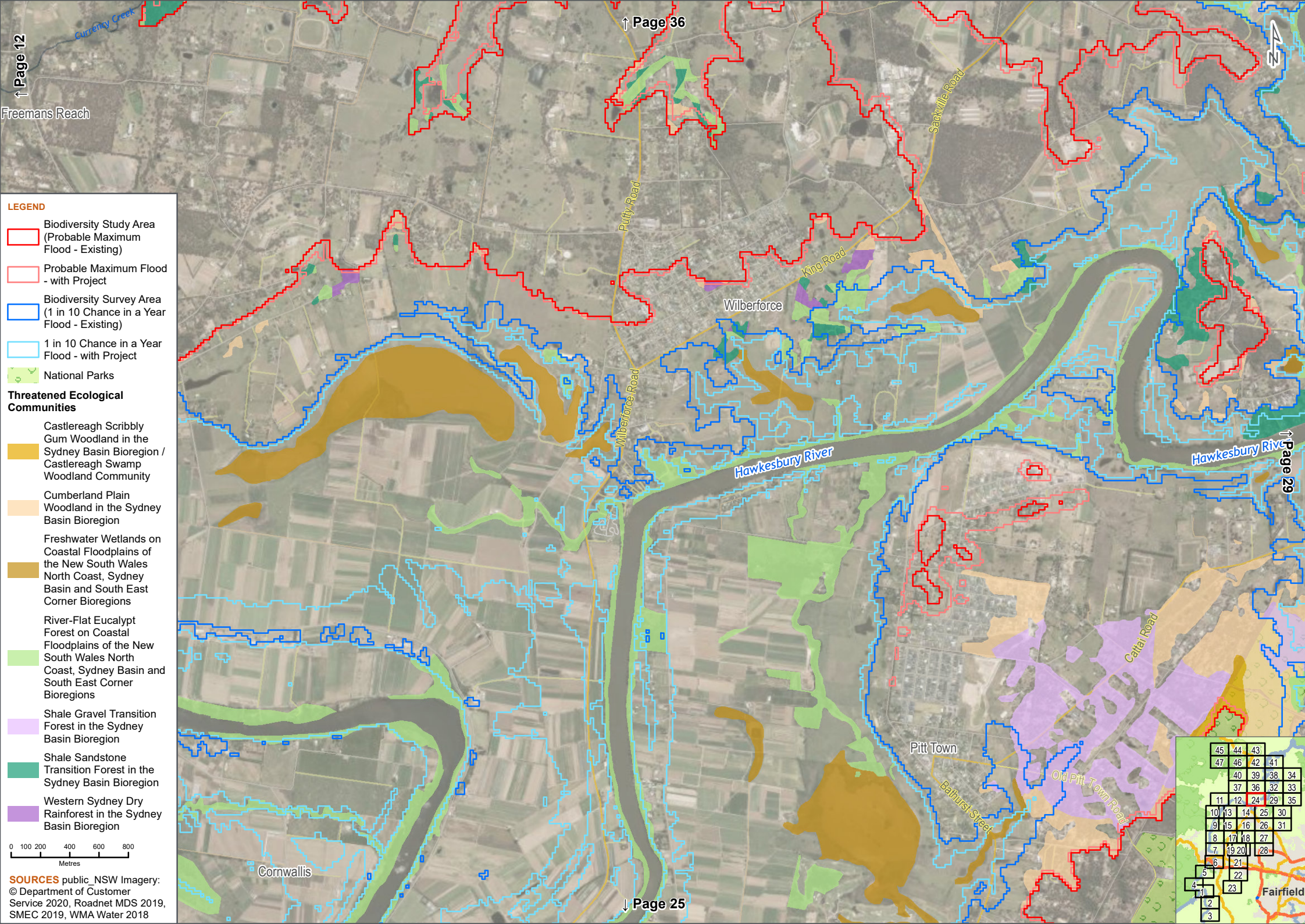
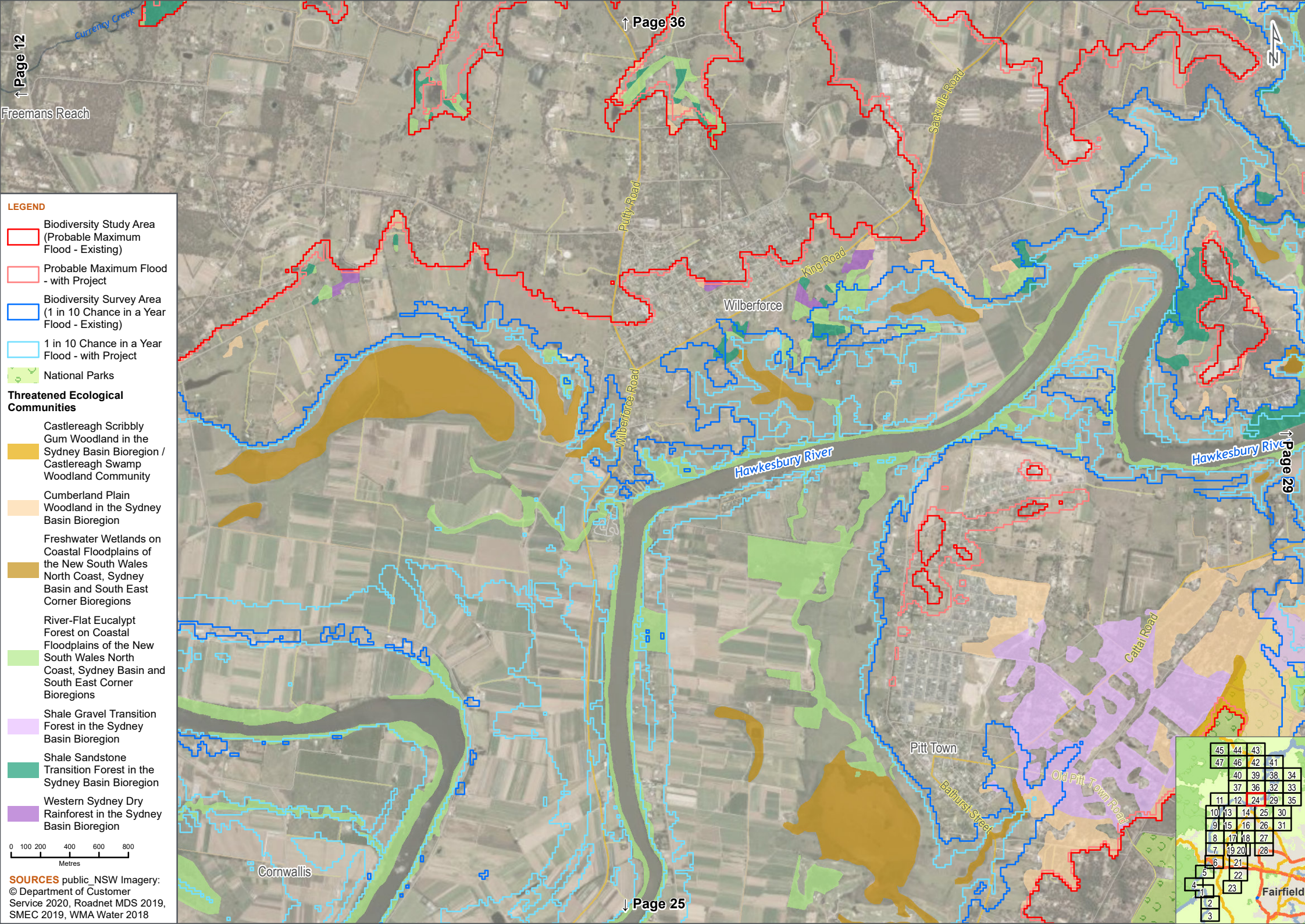
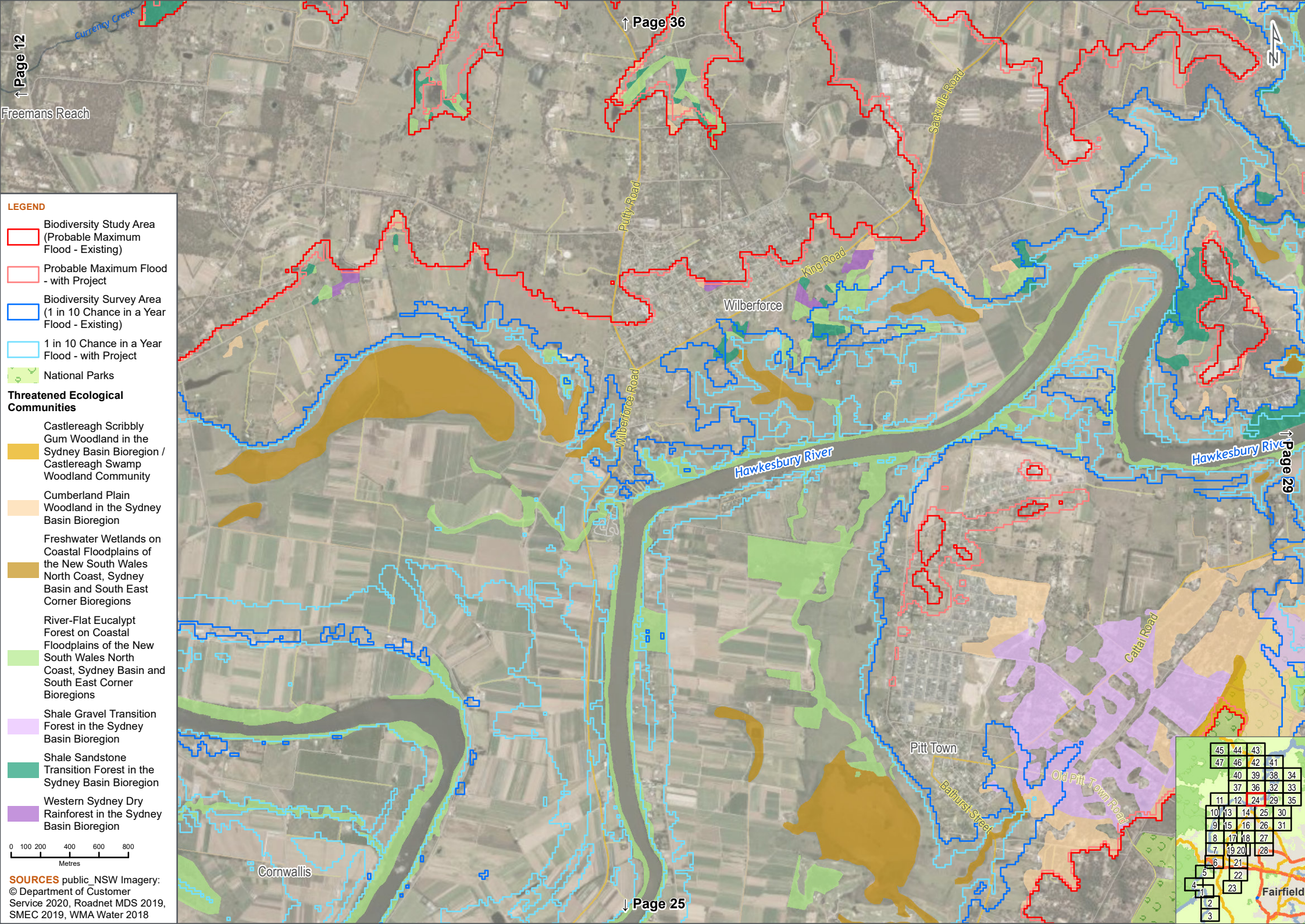
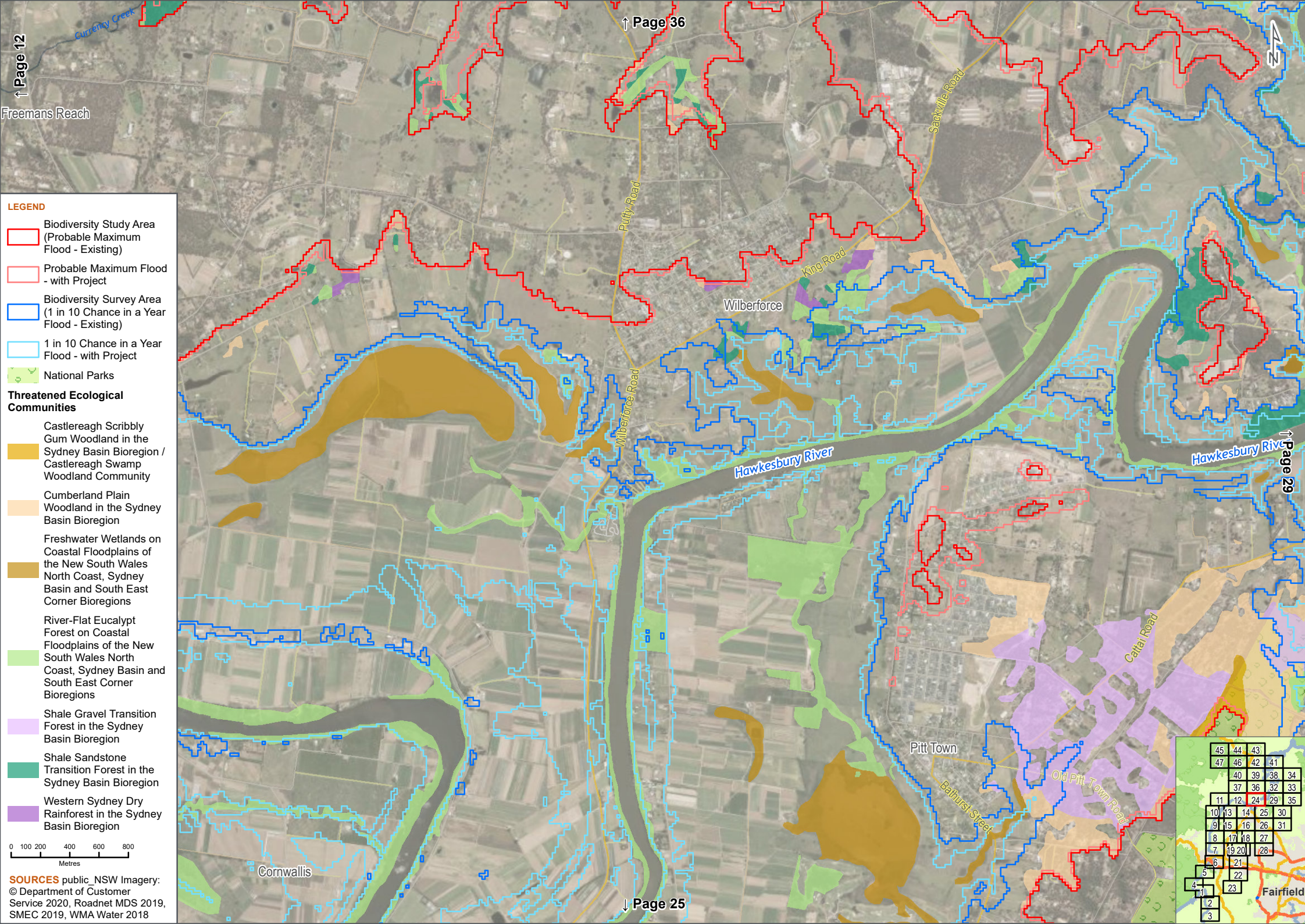
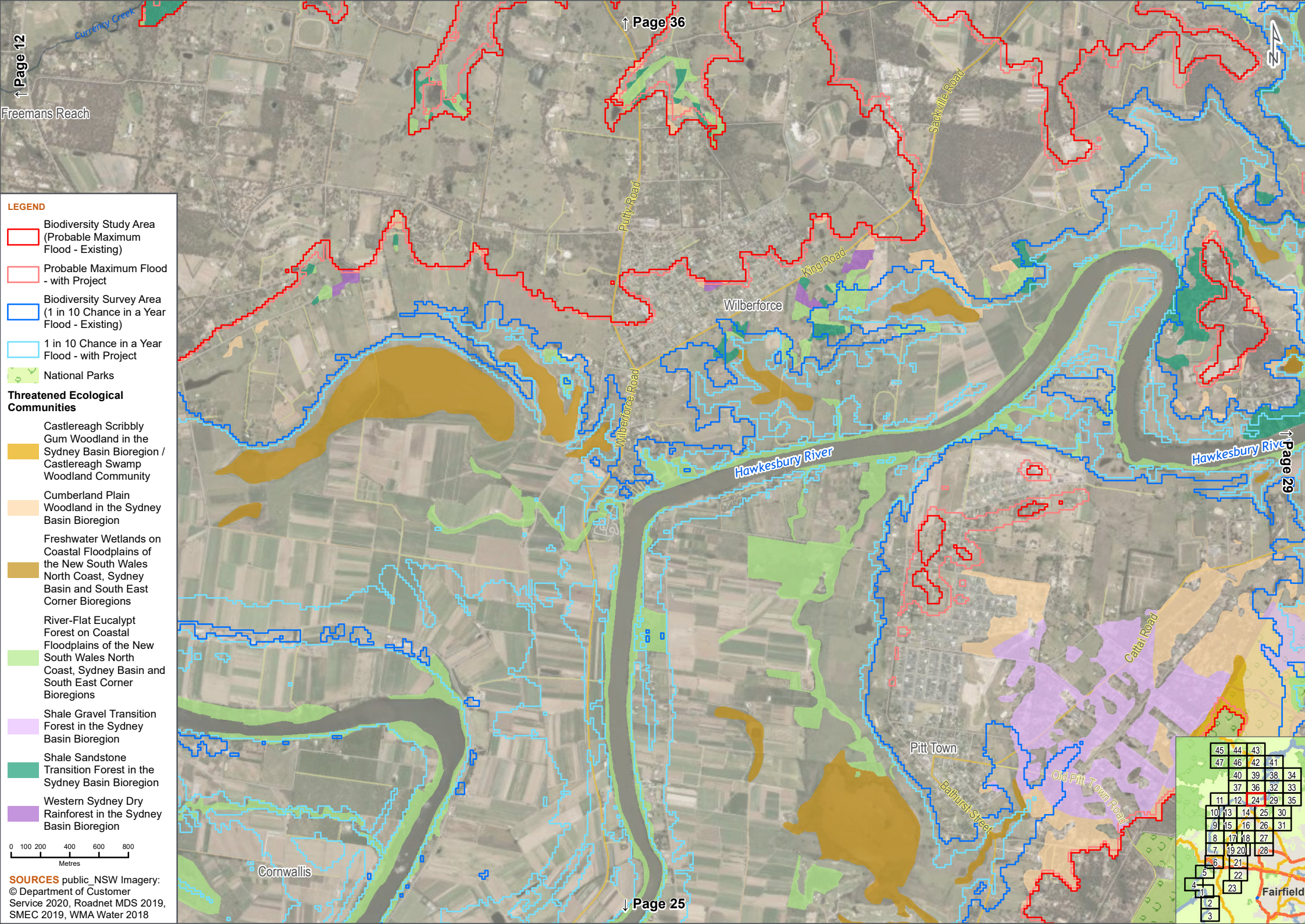
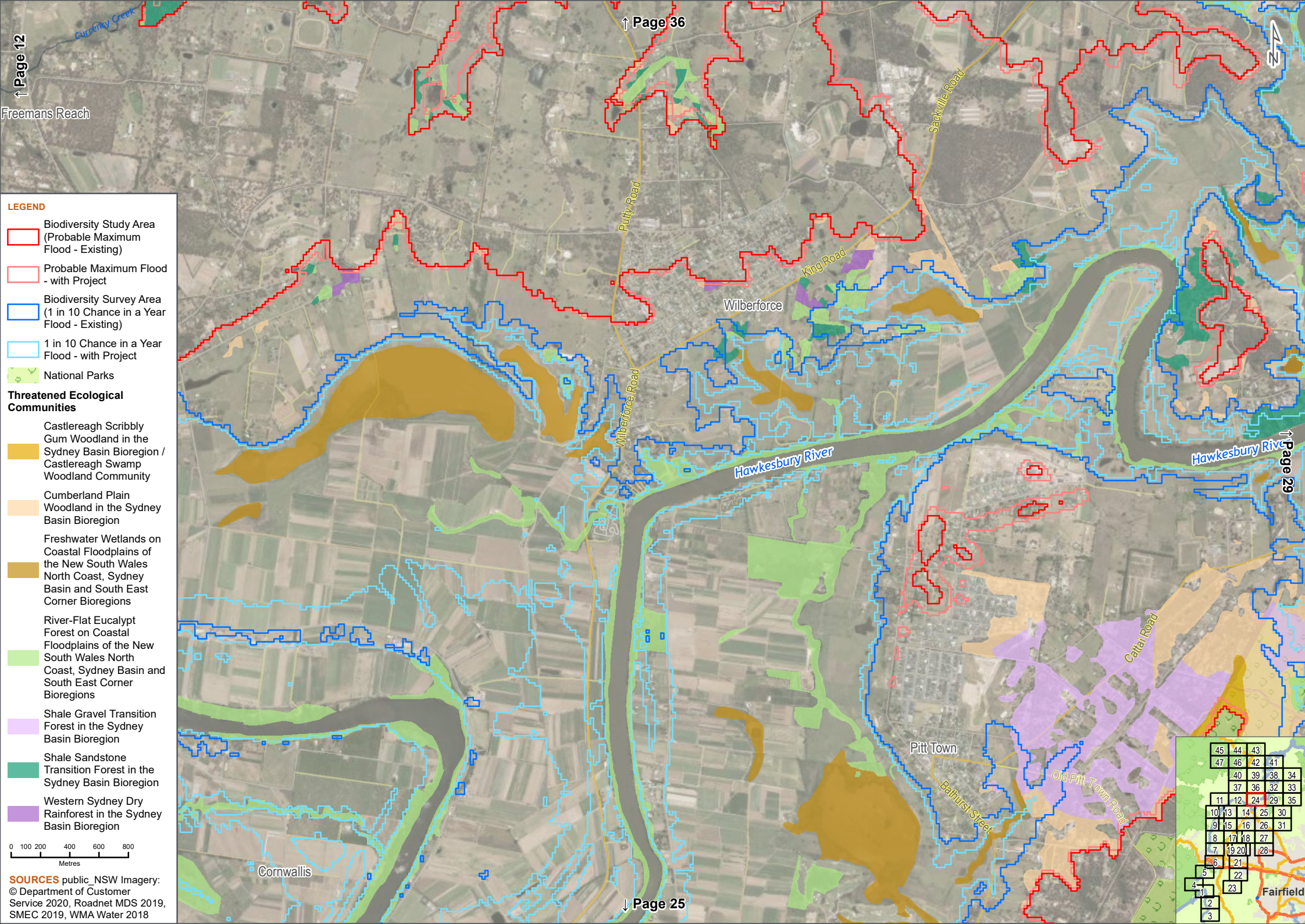
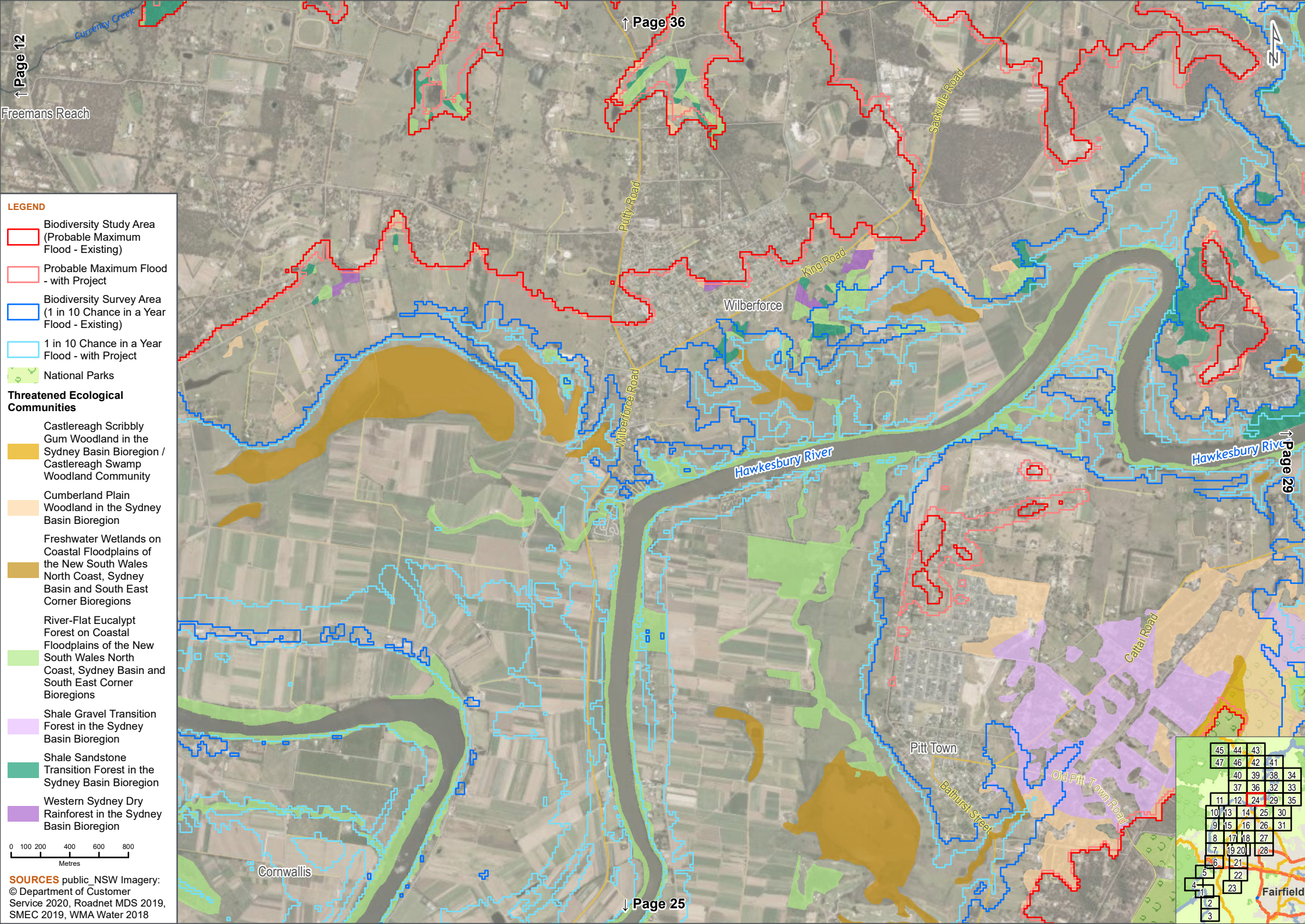
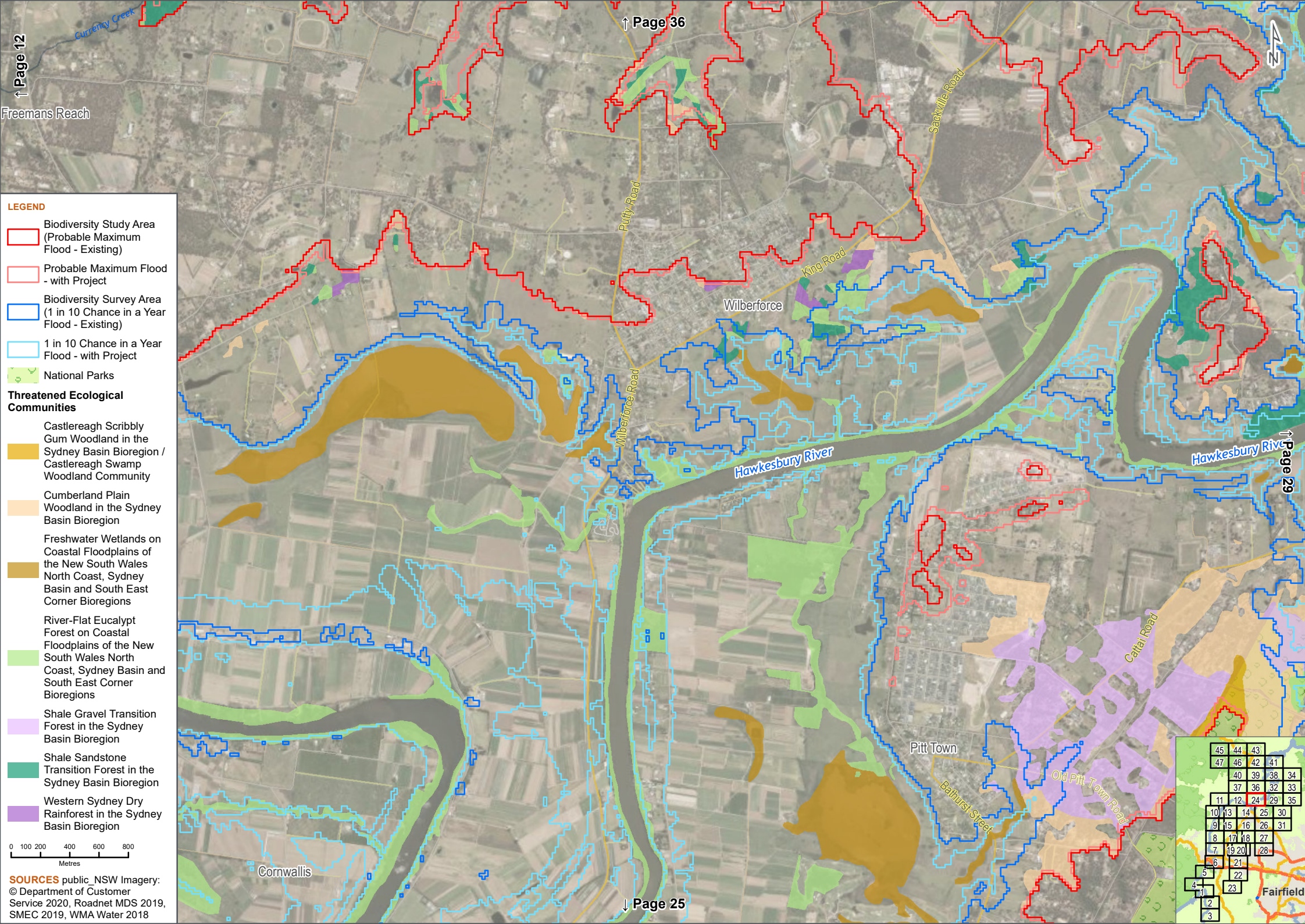
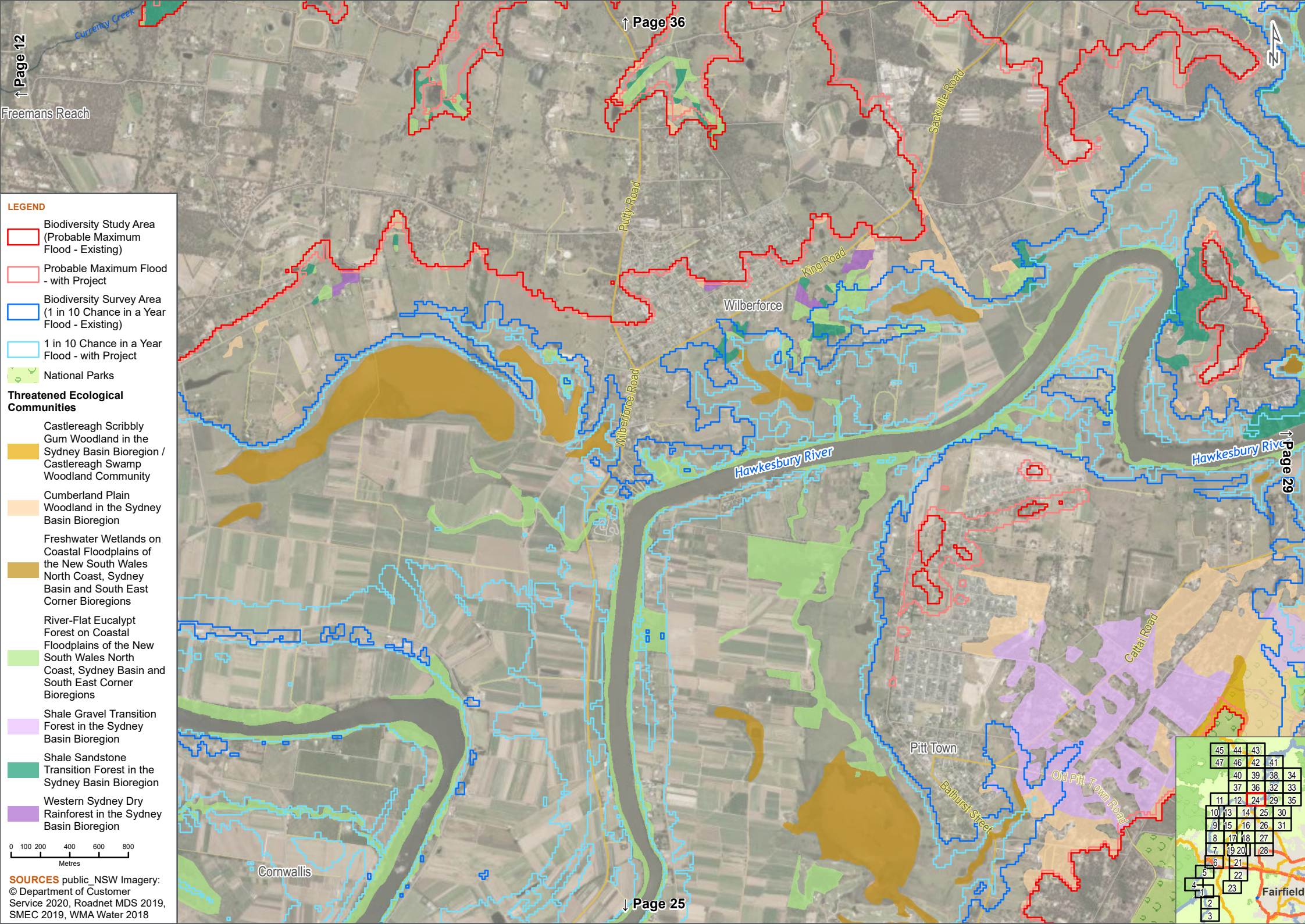
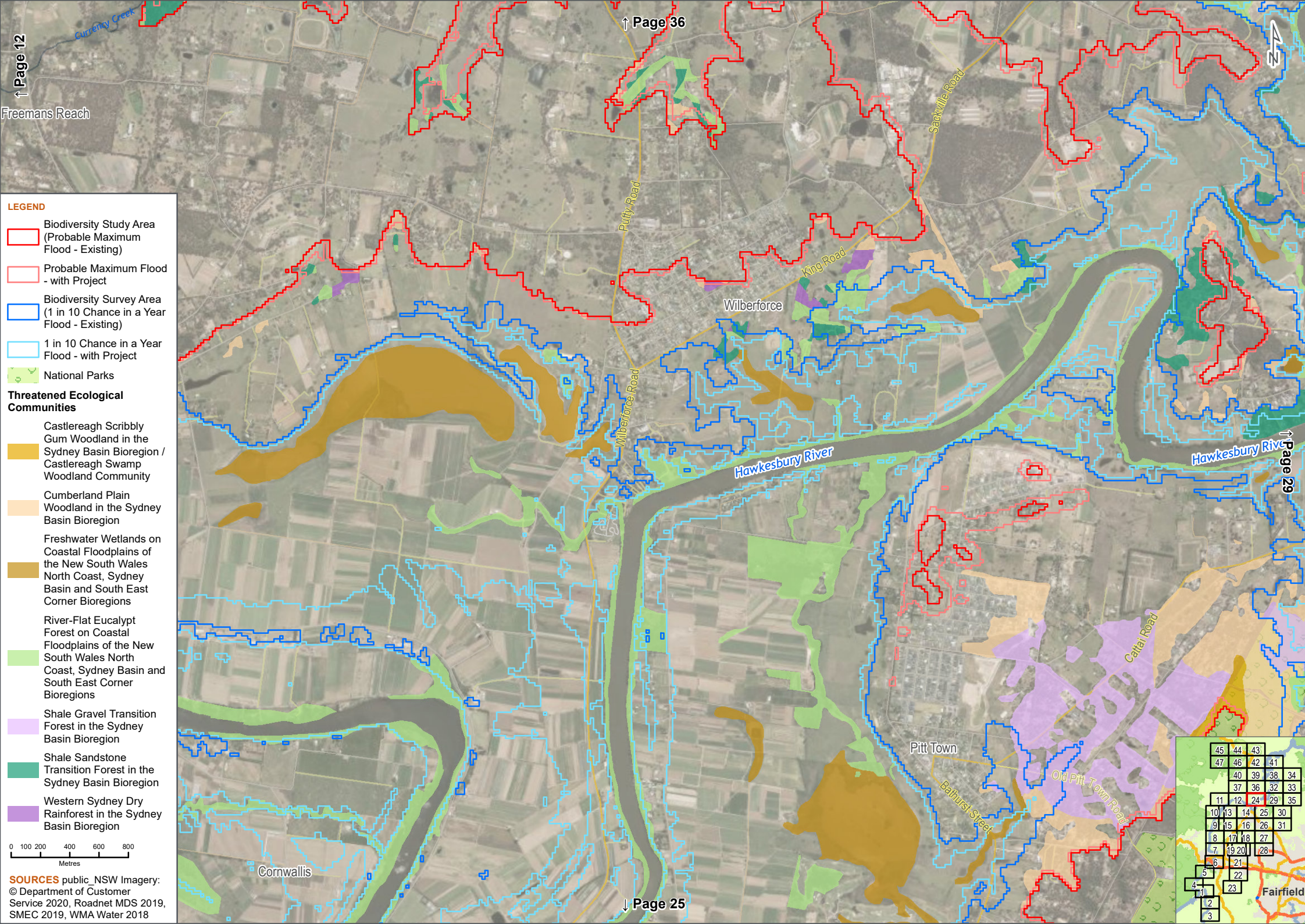
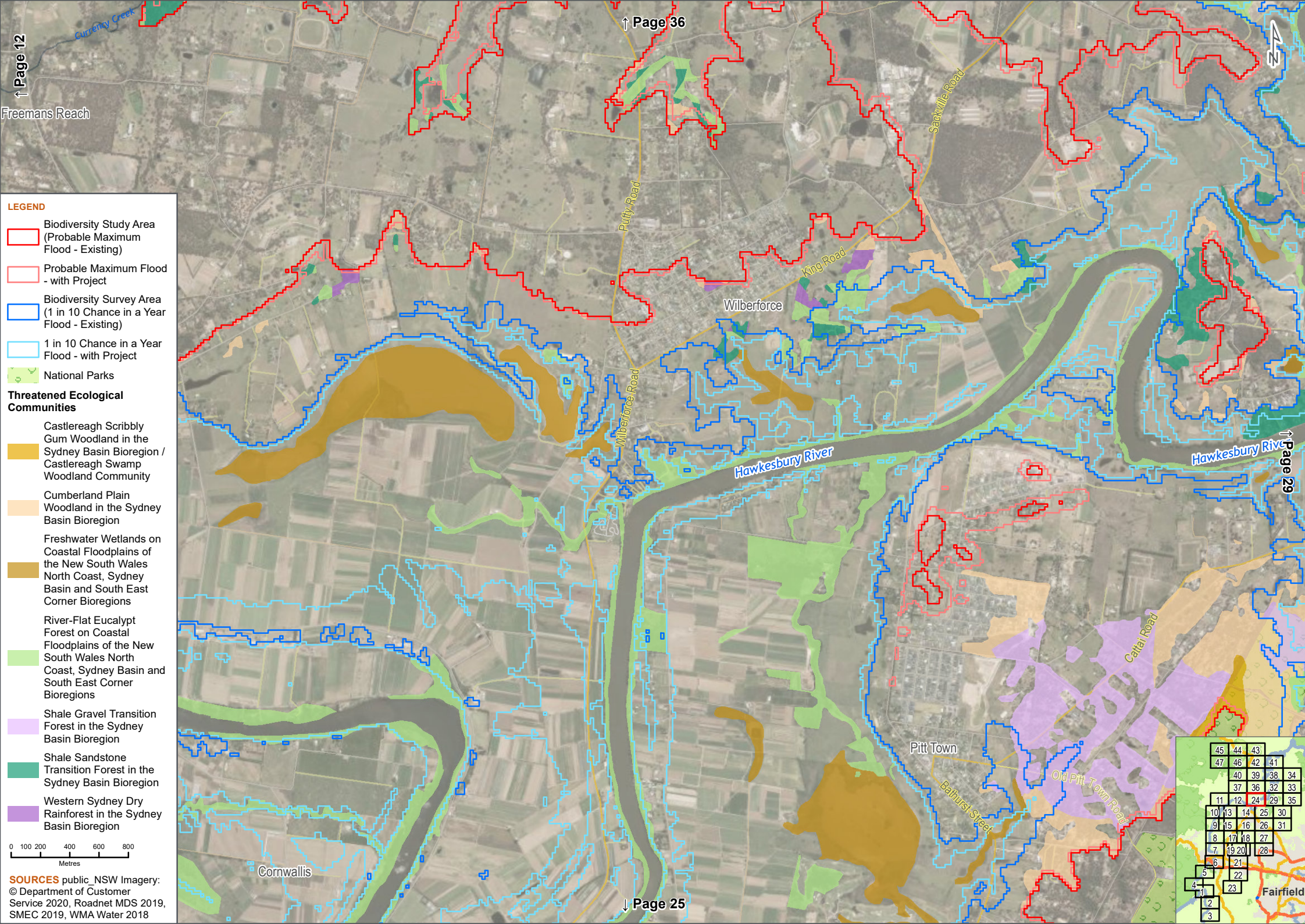
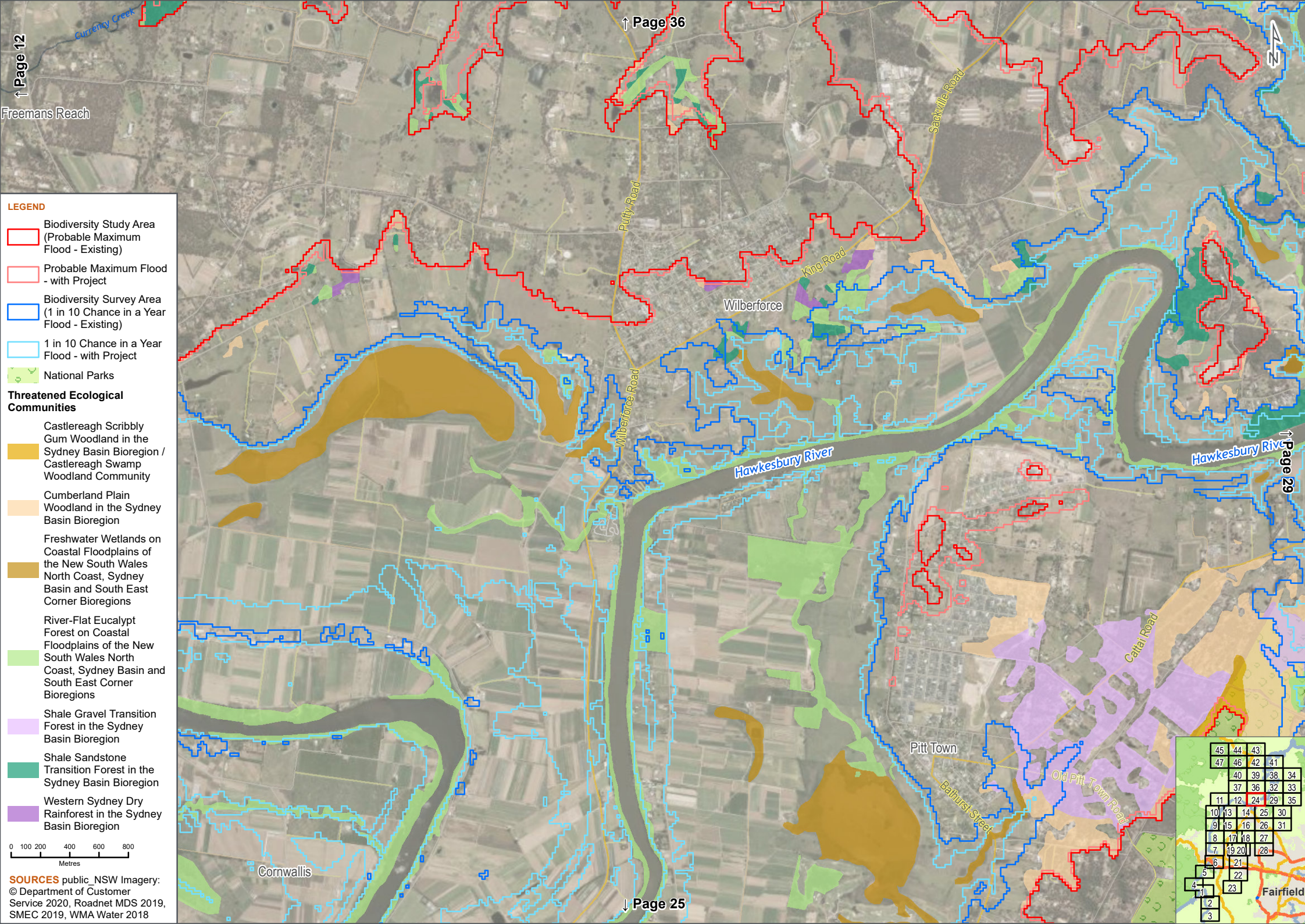
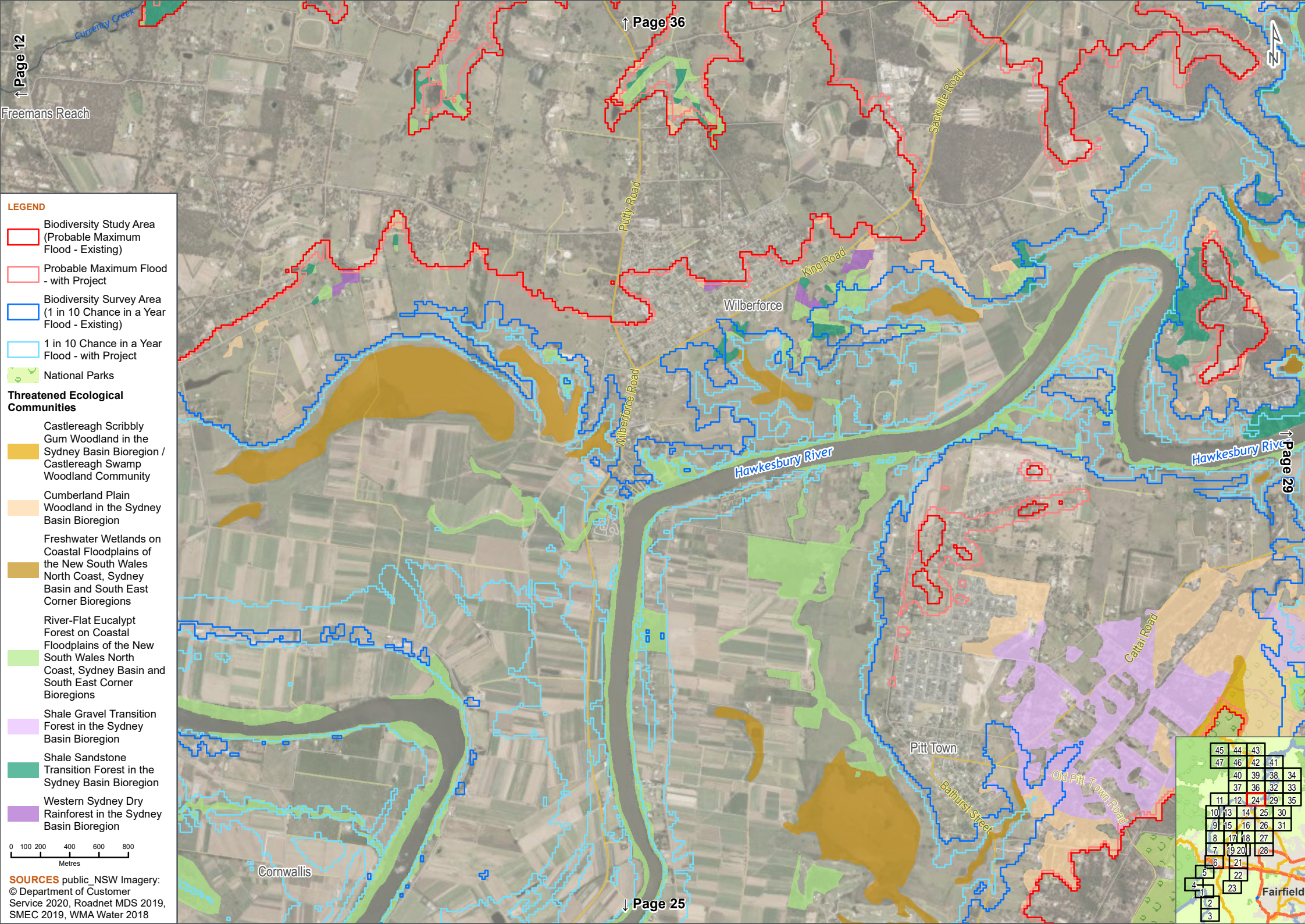
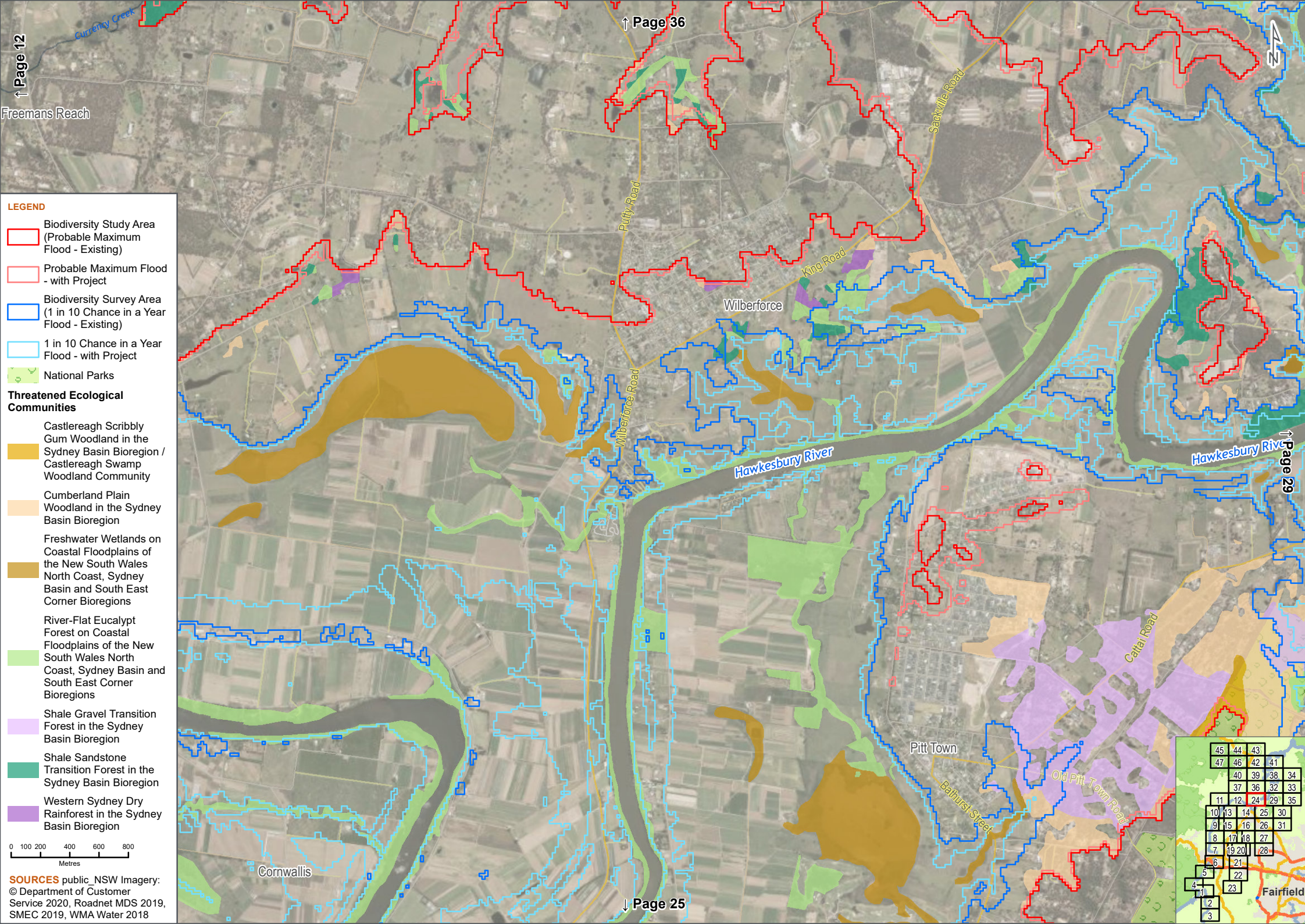
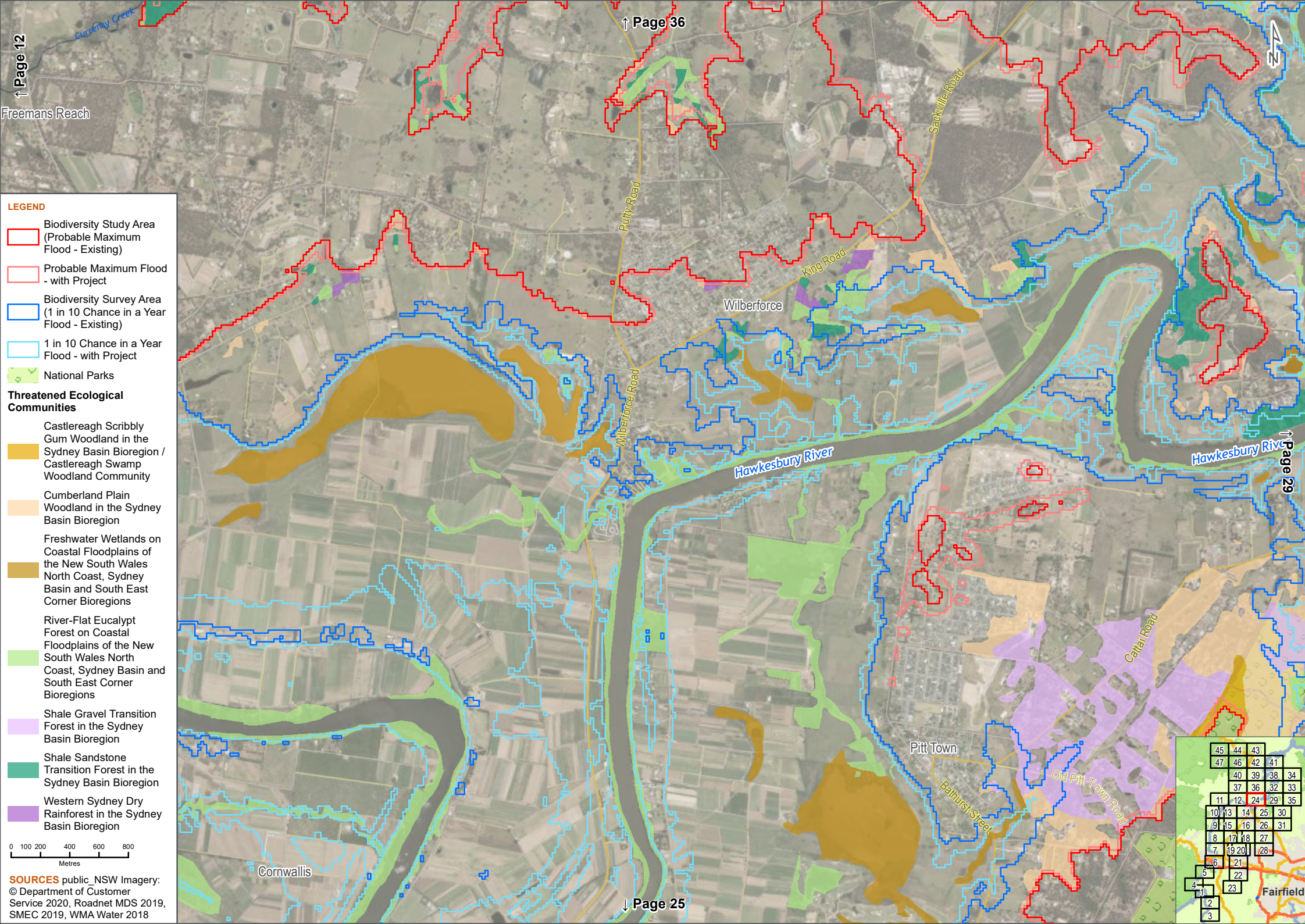
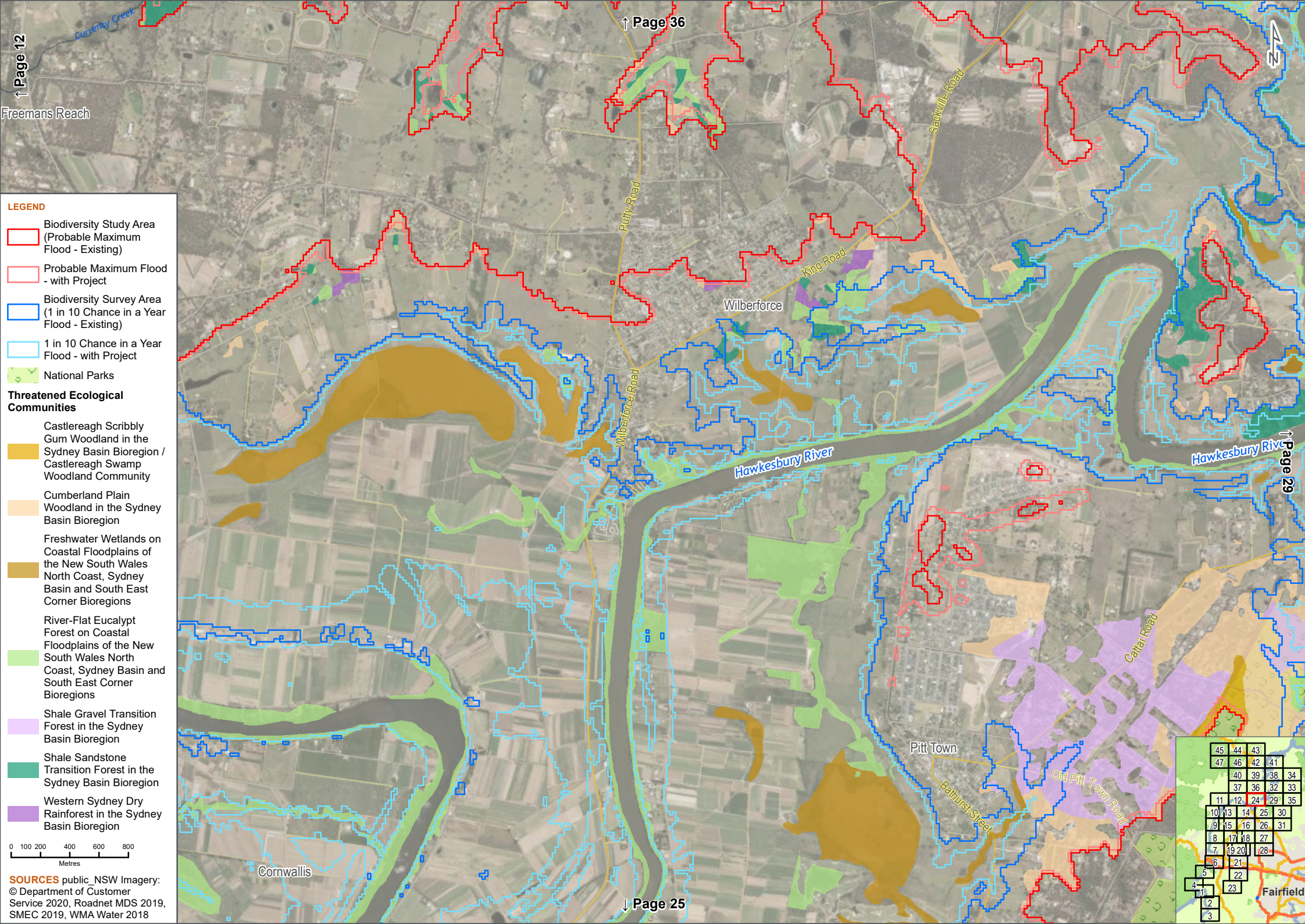
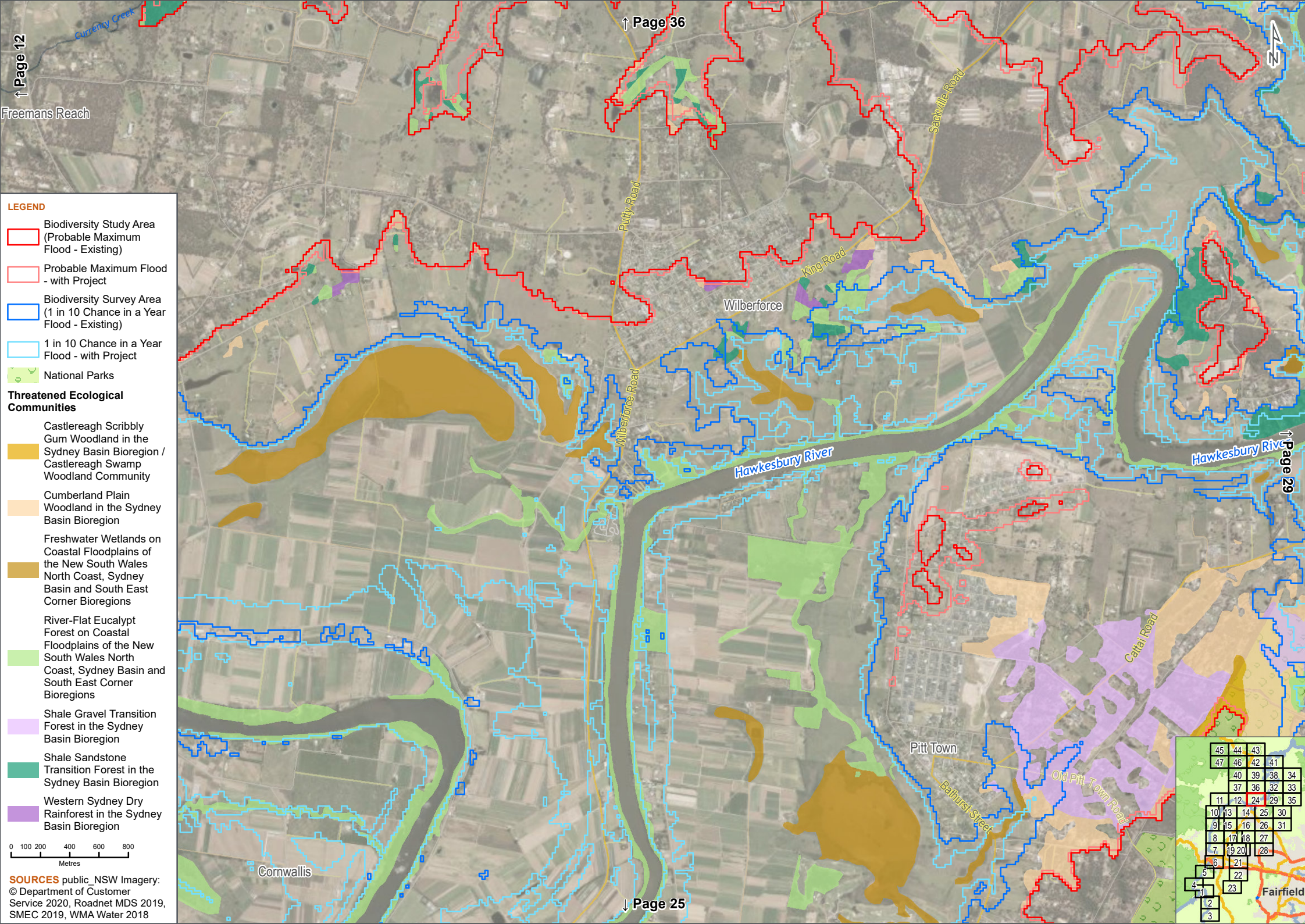
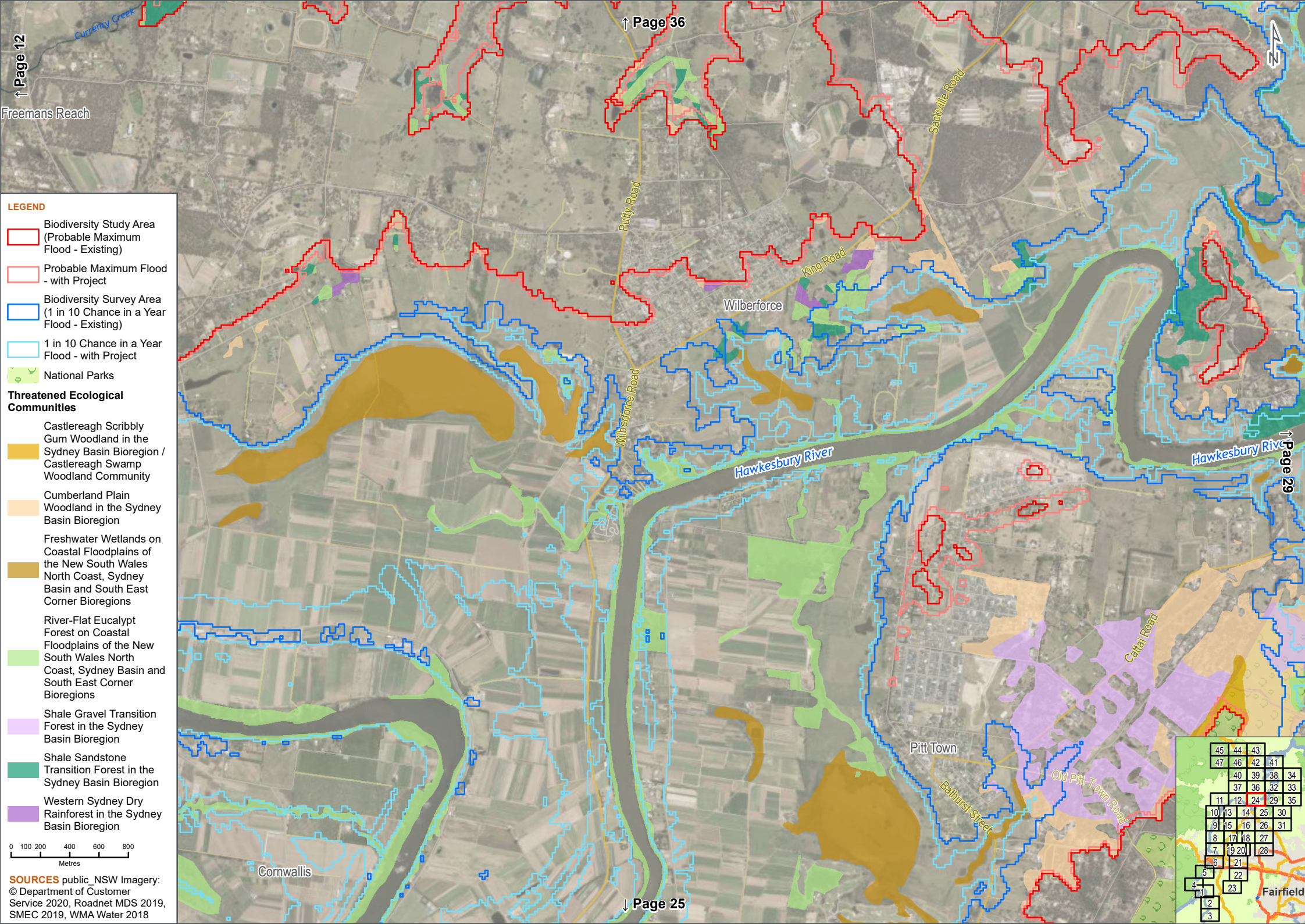
Probable Maximum Flood  
- with Project

0 100 200 400 600 800  
Metres

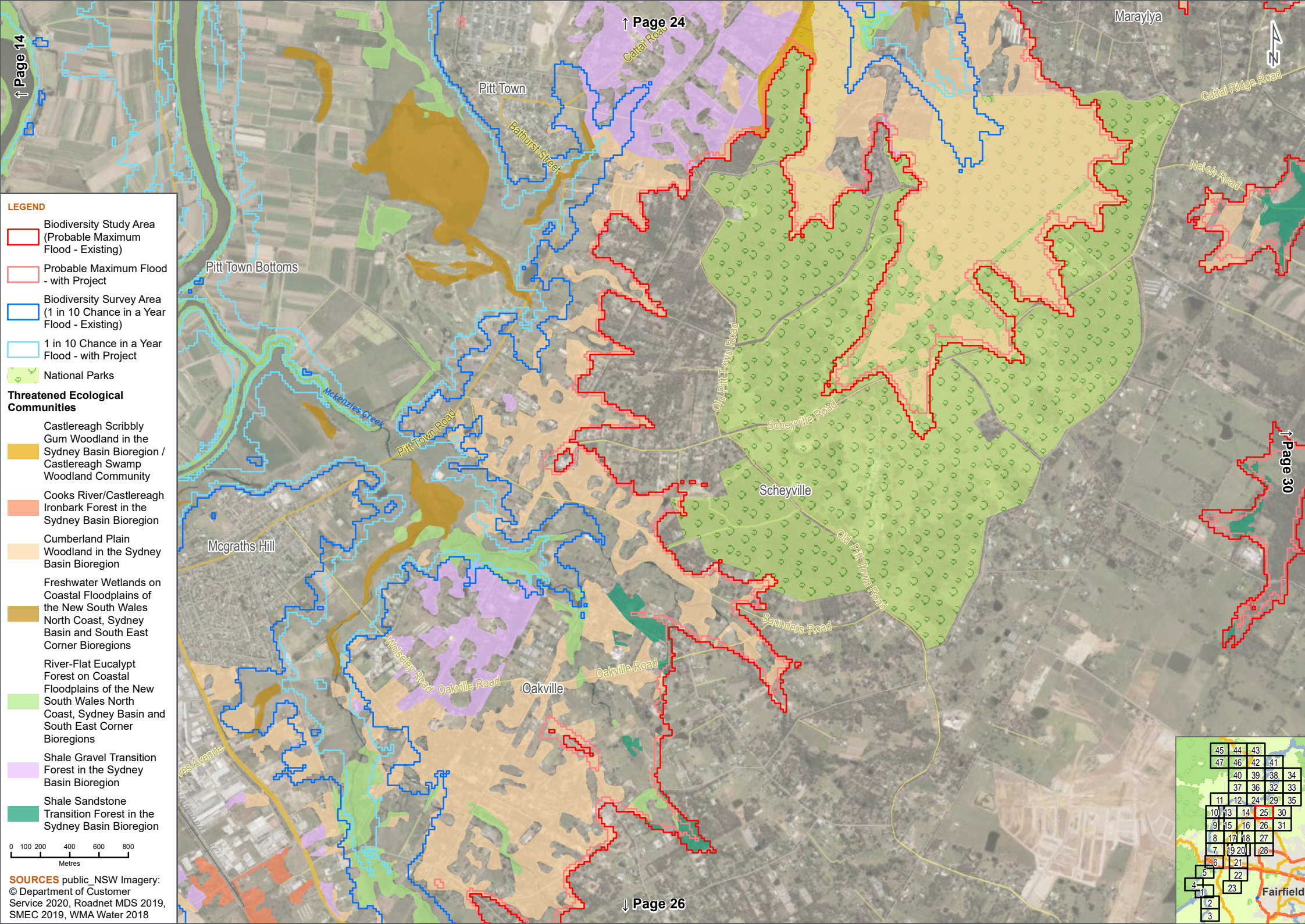
**SOURCES** public\_NSW Imagery:  
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SMEC 2019, WMA Water 2018











**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

National Parks

**Threatened Ecological  
Communities**

Castlereagh Scribbly  
Gum Woodland in the  
Sydney Basin Bioregion /  
Castlereagh Swamp  
Woodland Community

Cooks River/Castlereagh  
Ironbark Forest in the  
Sydney Basin Bioregion

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Freshwater Wetlands on  
Coastal Floodplains of  
the New South Wales  
North Coast, Sydney  
Basin and South East  
Corner Bioregions

River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

Shale Gravel Transition  
Forest in the Sydney  
Basin Bioregion

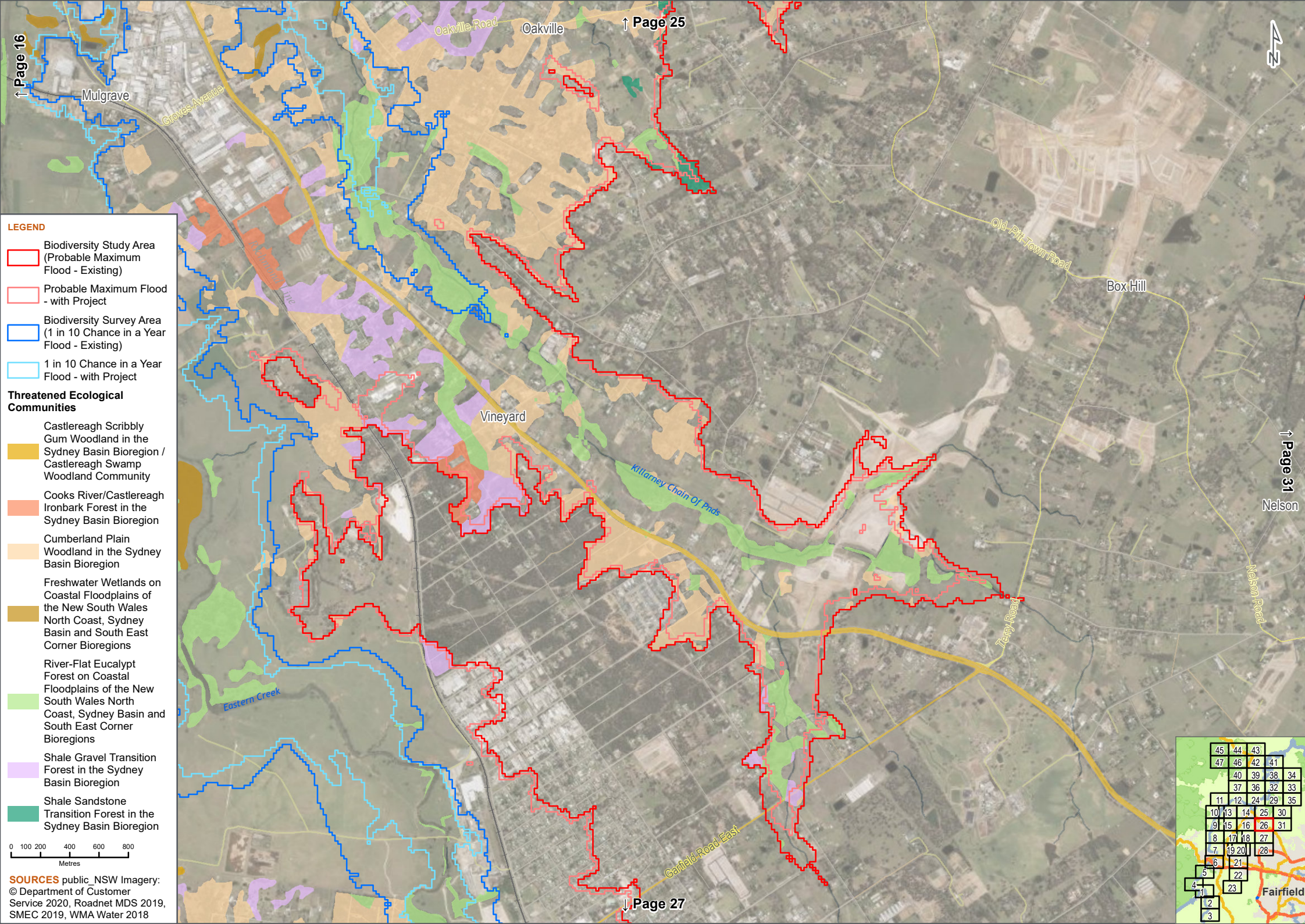
Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

0 100 200 400 600 800

Metres

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

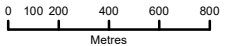




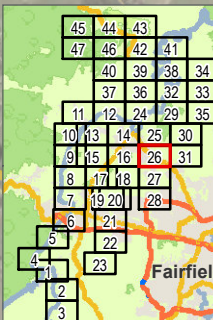
- LEGEND**
- Biodiversity Study Area (Probable Maximum Flood - Existing)
  - Probable Maximum Flood - with Project
  - Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
  - 1 in 10 Chance in a Year Flood - with Project

**Threatened Ecological Communities**

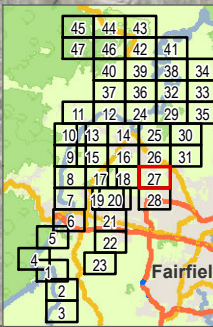
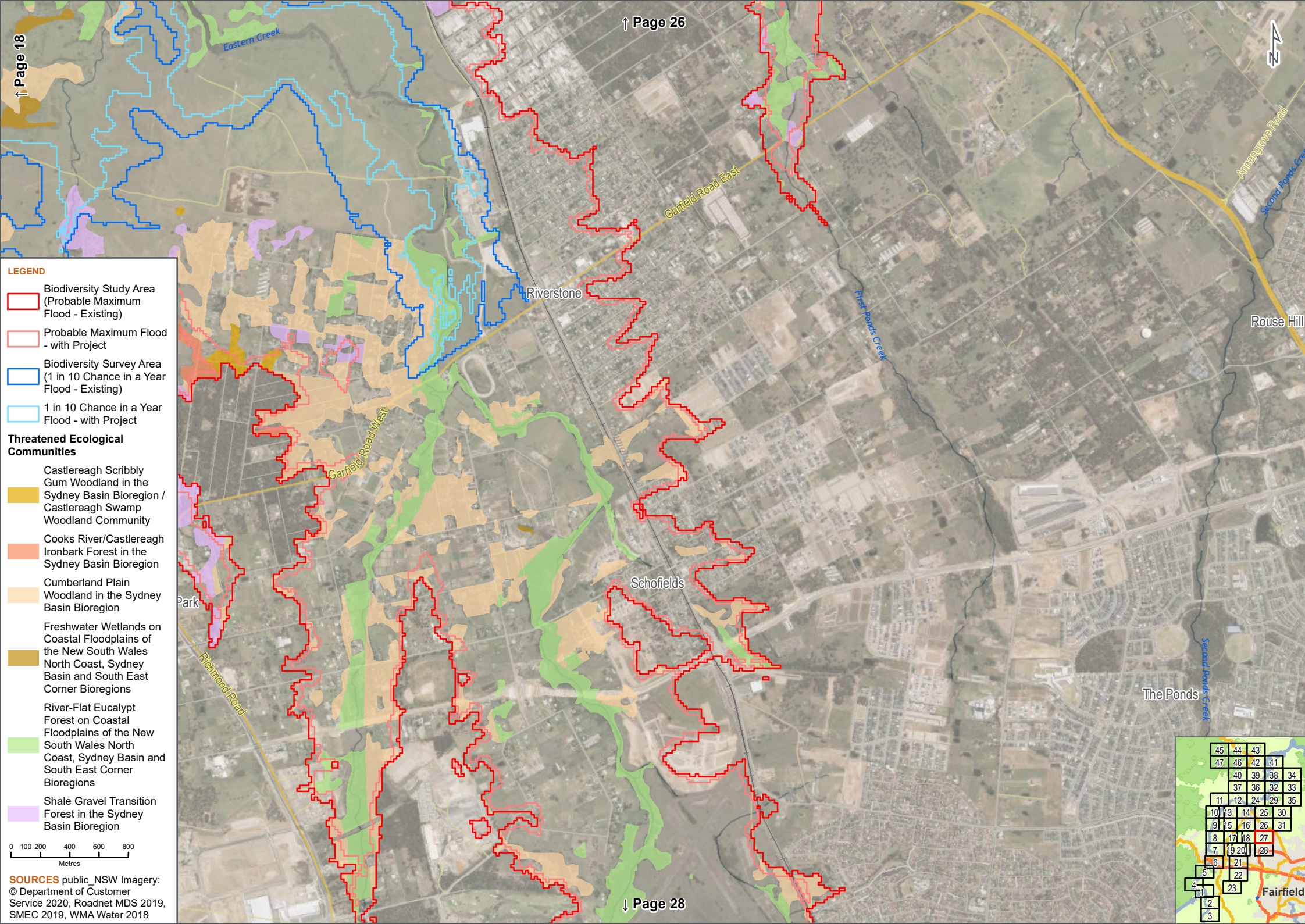
- Castlereagh Scribbly Gum Woodland in the Sydney Basin Bioregion / Castlereagh Swamp Woodland Community
- Cooks River/Castlereagh Ironbark Forest in the Sydney Basin Bioregion
- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Gravel Transition Forest in the Sydney Basin Bioregion
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion



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



**LEGEND**

Biodiversity Study Area (Probable Maximum Flood - Existing)

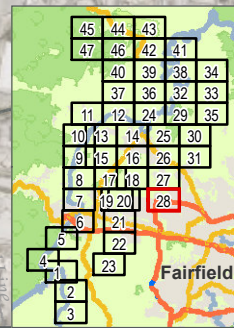
Probable Maximum Flood - with Project

**Threatened Ecological Communities**

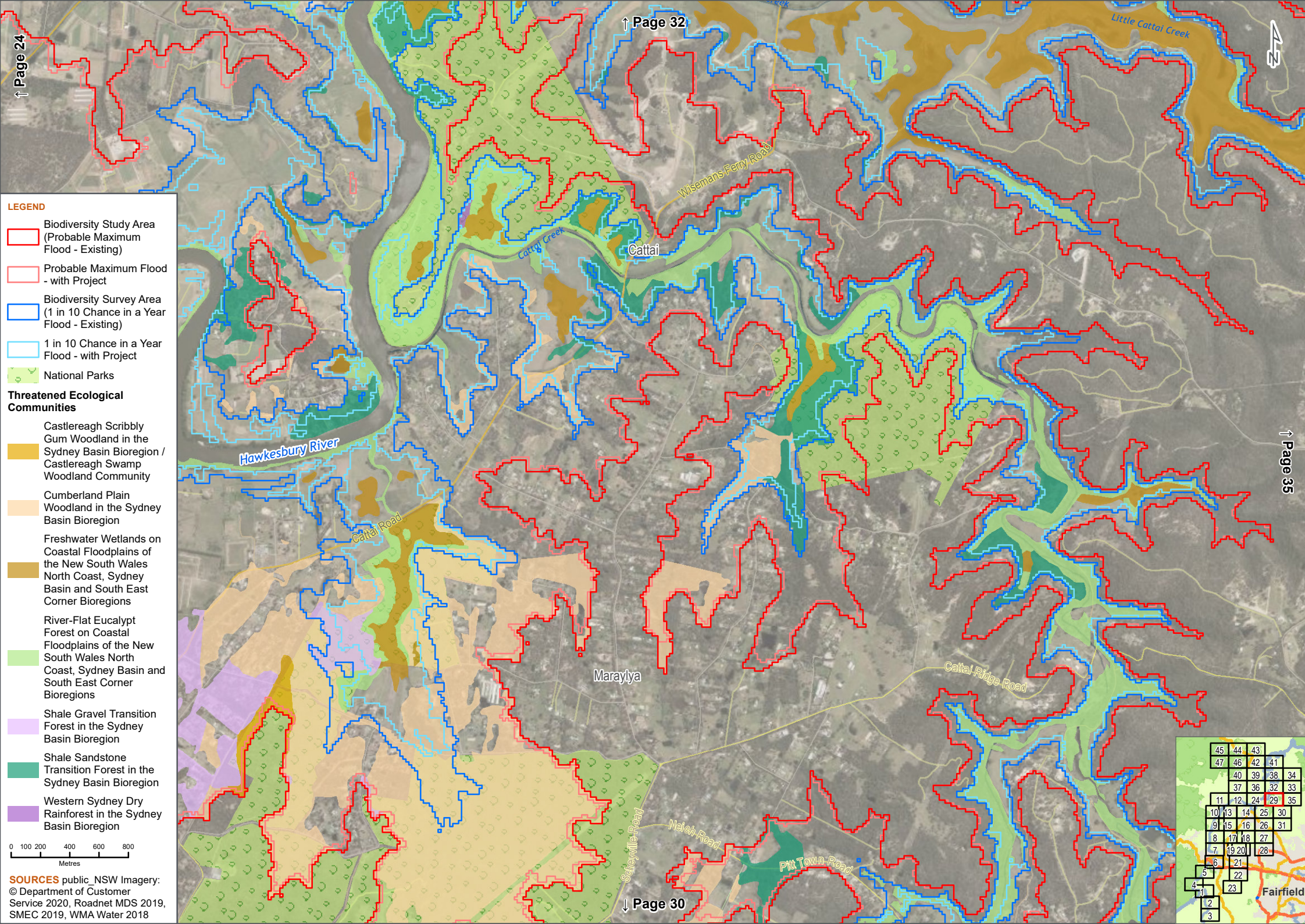
Cumberland Plain Woodland in the Sydney Basin Bioregion

River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions

**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

National Parks

**Threatened Ecological  
Communities**

Castlereagh Scribbly  
Gum Woodland in the  
Sydney Basin Bioregion /  
Castlereagh Swamp  
Woodland Community

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

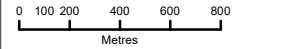
Freshwater Wetlands on  
Coastal Floodplains of  
the New South Wales  
North Coast, Sydney  
Basin and South East  
Corner Bioregions

River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

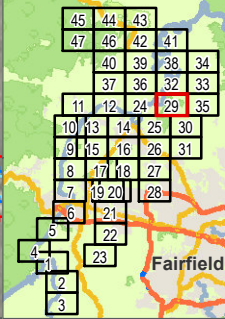
Shale Gravel Transition  
Forest in the Sydney  
Basin Bioregion

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

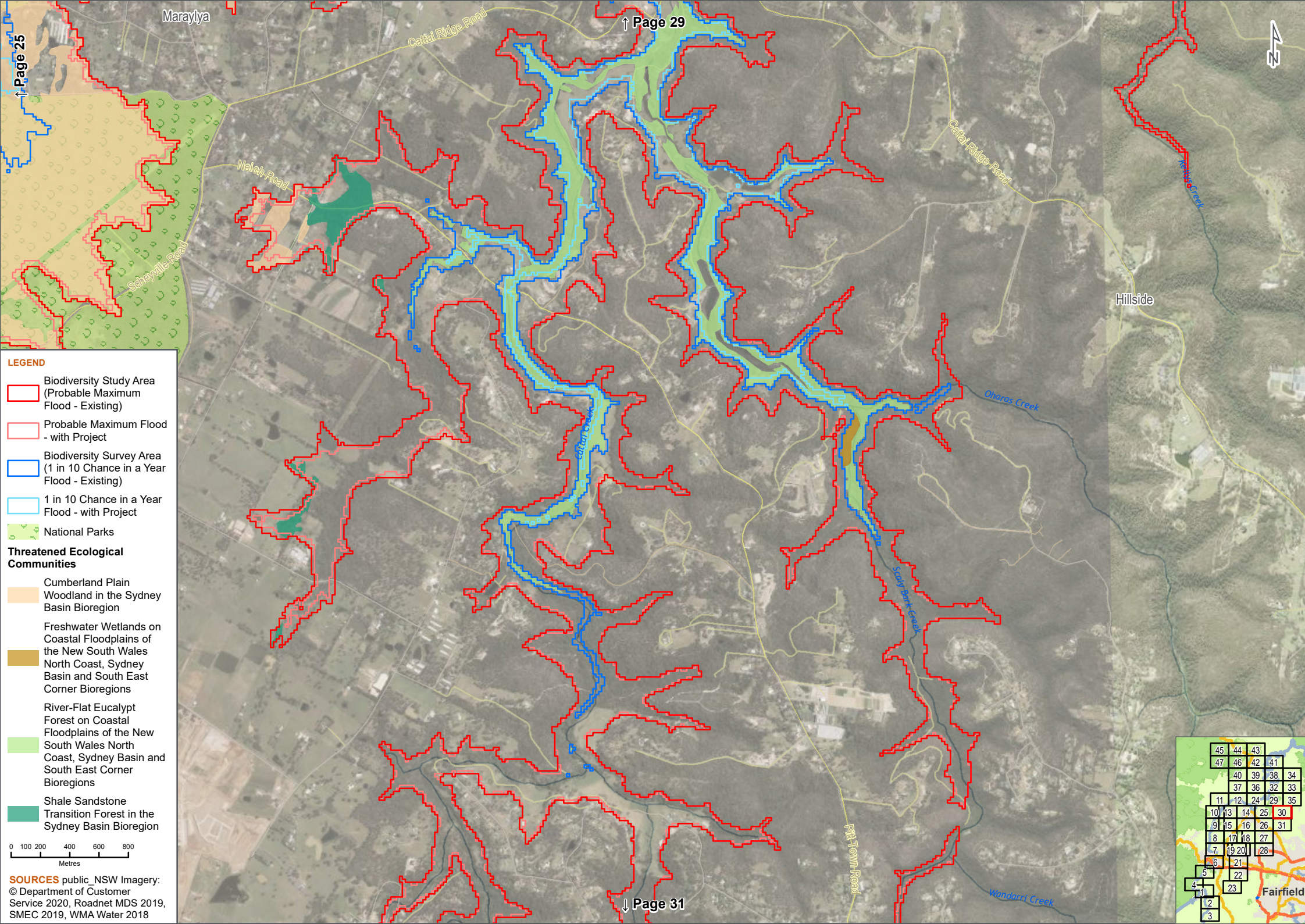
Western Sydney Dry  
Rainforest in the Sydney  
Basin Bioregion



**SOURCES** public\_NSW Imagery:  
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SMEC 2019, WMA Water 2018





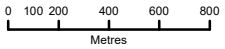


**LEGEND**

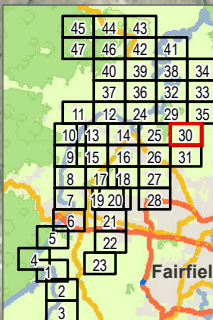
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
- 1 in 10 Chance in a Year Flood - with Project
- National Parks

**Threatened Ecological Communities**

- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion



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**LEGEND**

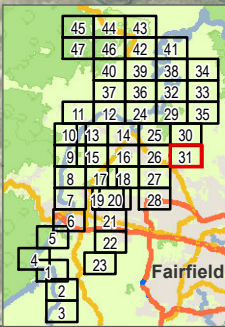
- Biodiversity Study Area (Probable Maximum Flood - Existing)
- Probable Maximum Flood - with Project
- Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)

**Threatened Ecological Communities**

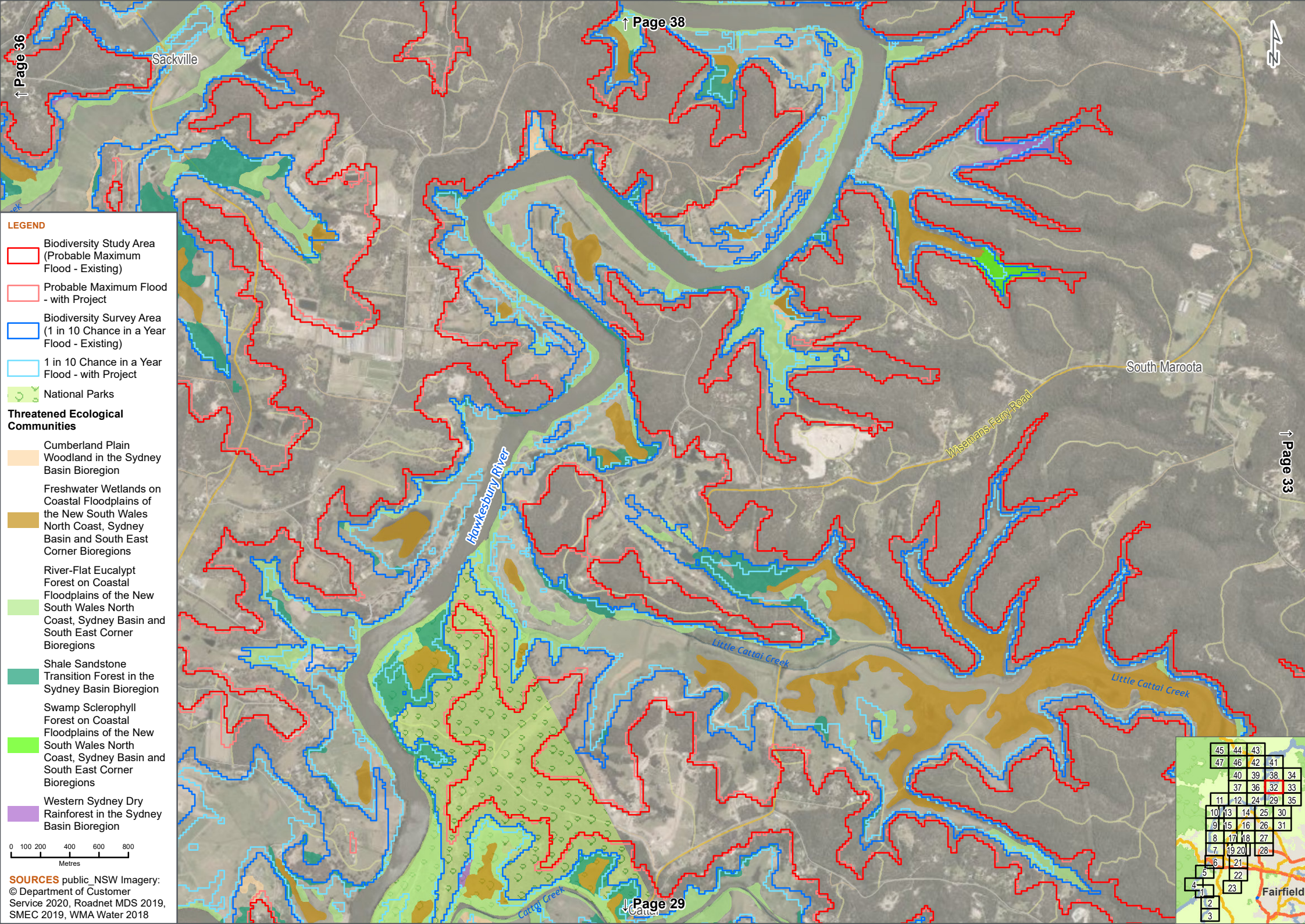
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion

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 38

↑ Page 33

↑ Page 33

↓ Page 29

Sackville

South Maroota

Wisemans Ferry Road

Hawkesbury River

Little Cattai Creek

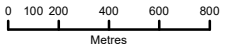
Little Cattai Creek

Fairfield

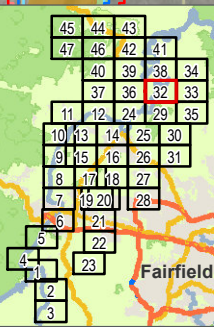
- LEGEND**
- Biodiversity Study Area (Probable Maximum Flood - Existing)
  - Probable Maximum Flood - with Project
  - Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
  - 1 in 10 Chance in a Year Flood - with Project
  - National Parks

**Threatened Ecological Communities**

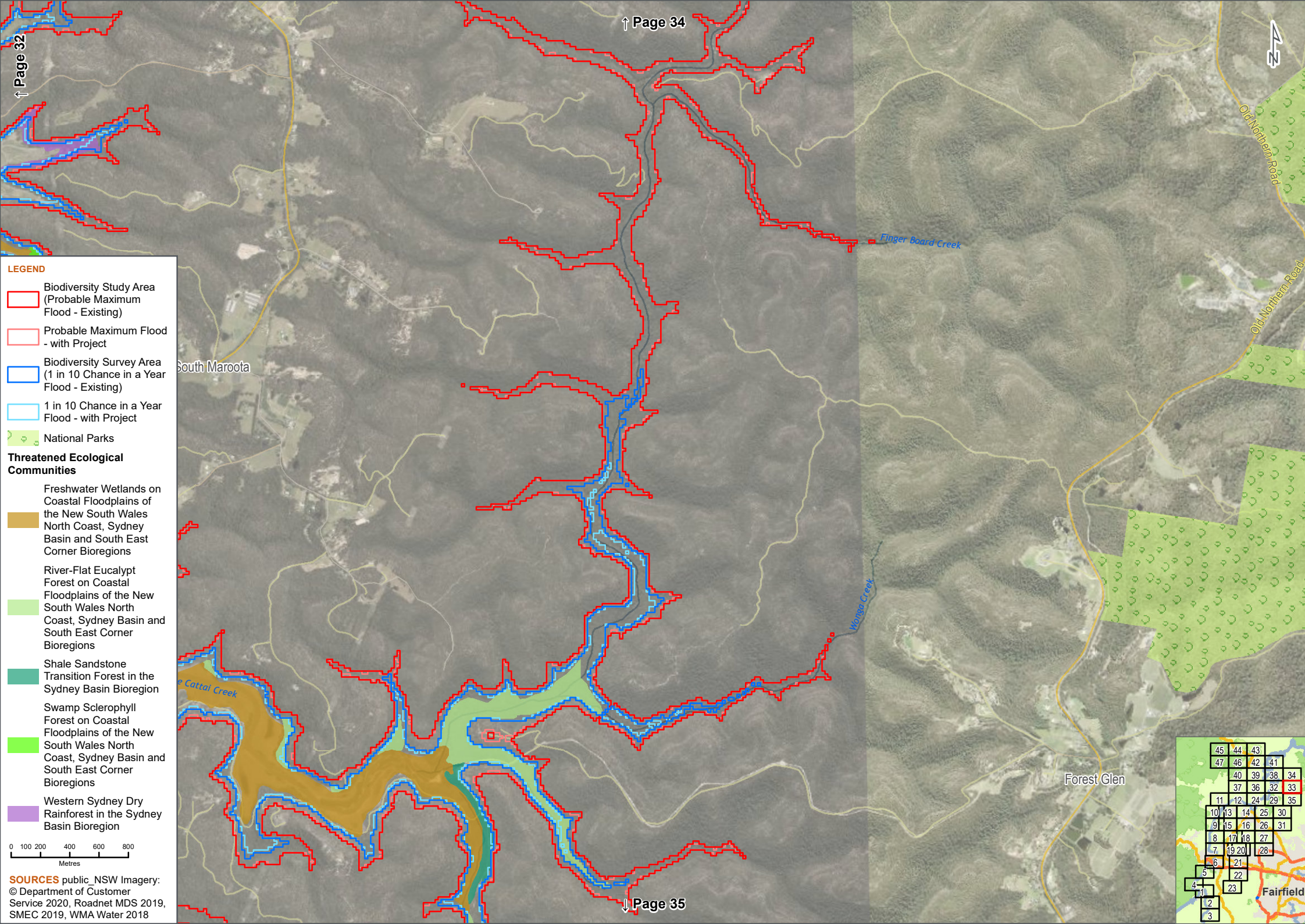
- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
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- Swamp Sclerophyll Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Western Sydney Dry Rainforest in the Sydney Basin Bioregion



**SOURCES** public\_NSW Imagery:  
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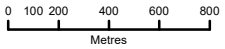


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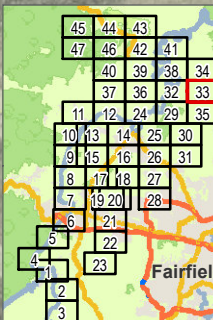
- Biodiversity Study Area (Probable Maximum Flood - Existing)
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Threatened Ecological Communities

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- Western Sydney Dry Rainforest in the Sydney Basin Bioregion



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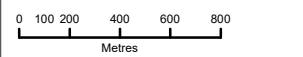


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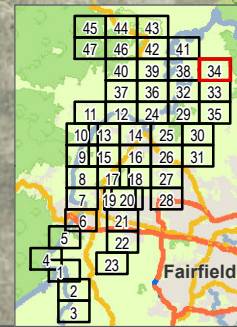
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- 1 in 10 Chance in a Year Flood - with Project
- National Parks

**Threatened Ecological Communities**

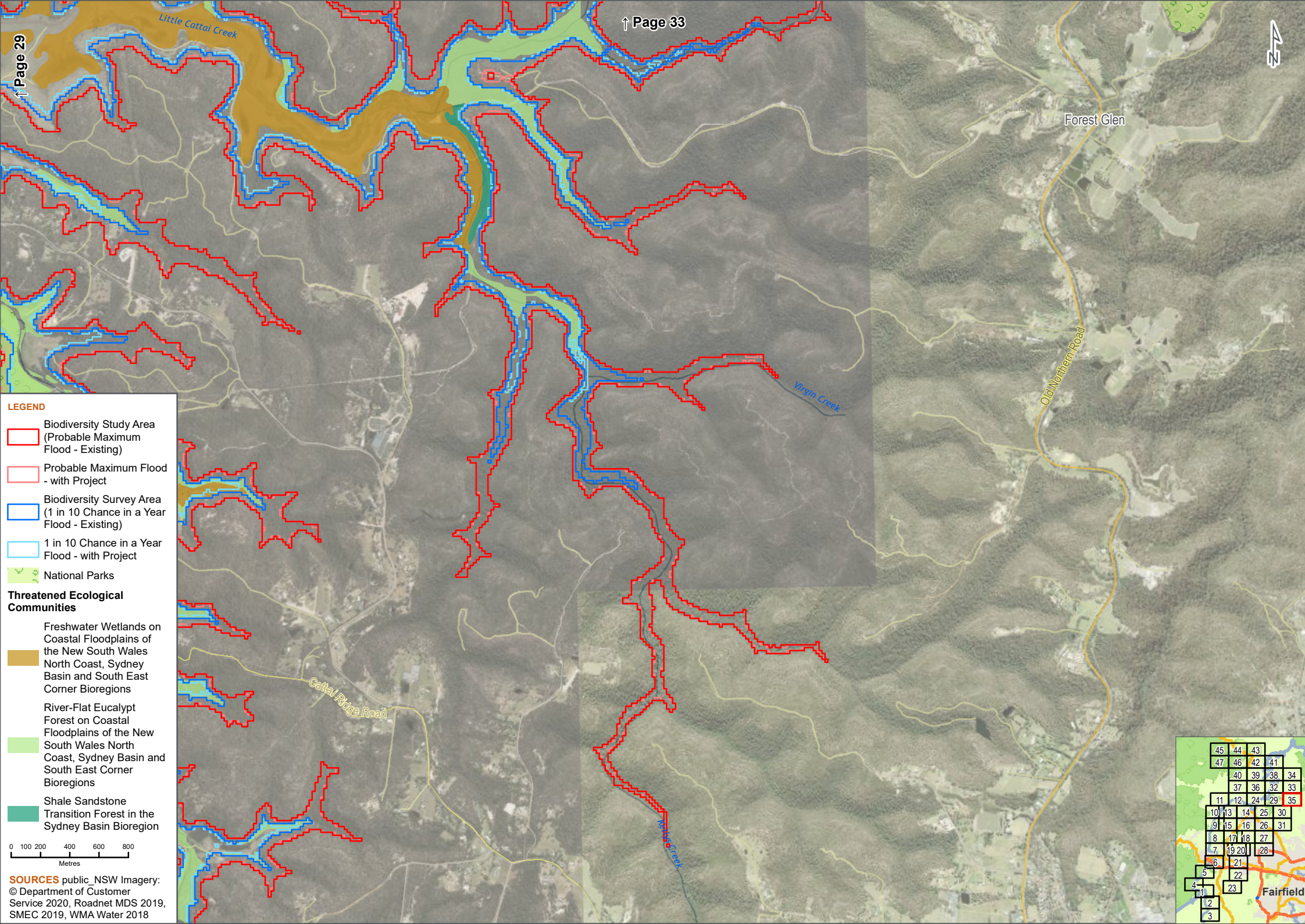
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- Swamp Sclerophyll Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Western Sydney Dry Rainforest in the Sydney Basin Bioregion



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Forest Glen

Old Northern Road

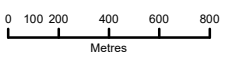
Virgin Creek

Cattal Ridge Road

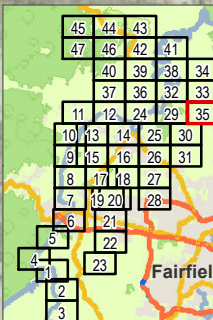
Virgin Creek

- 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
  - National Parks

- Threatened Ecological Communities**
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
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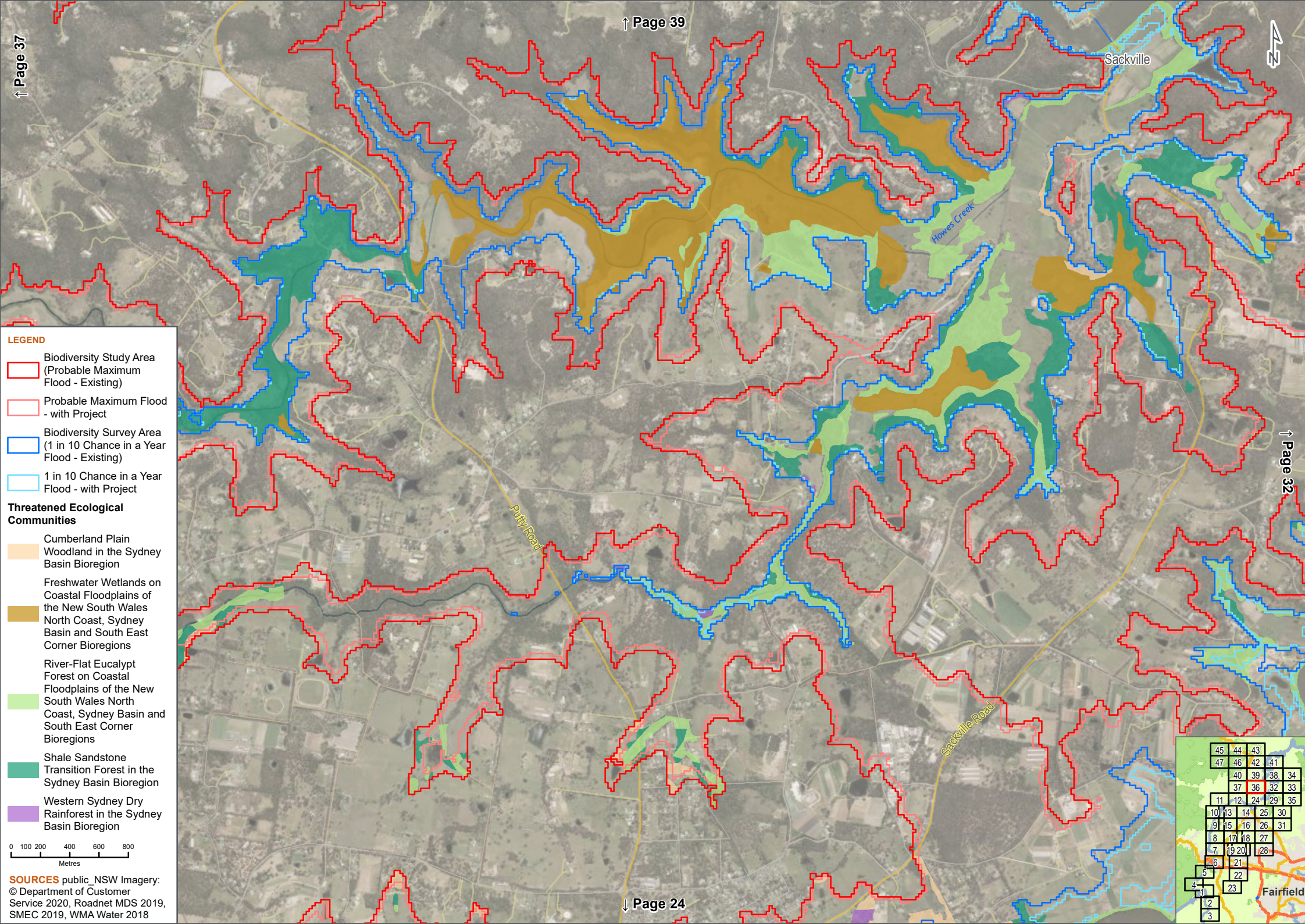


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Fairfield





**LEGEND**

Biodiversity Study Area  
(Probable Maximum  
Flood - Existing)

Probable Maximum Flood  
- with Project

Biodiversity Survey Area  
(1 in 10 Chance in a Year  
Flood - Existing)

1 in 10 Chance in a Year  
Flood - with Project

**Threatened Ecological  
Communities**

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Freshwater Wetlands on  
Coastal Floodplains of  
the New South Wales  
North Coast, Sydney  
Basin and South East  
Corner Bioregions

River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

Western Sydney Dry  
Rainforest in the Sydney  
Basin Bioregion

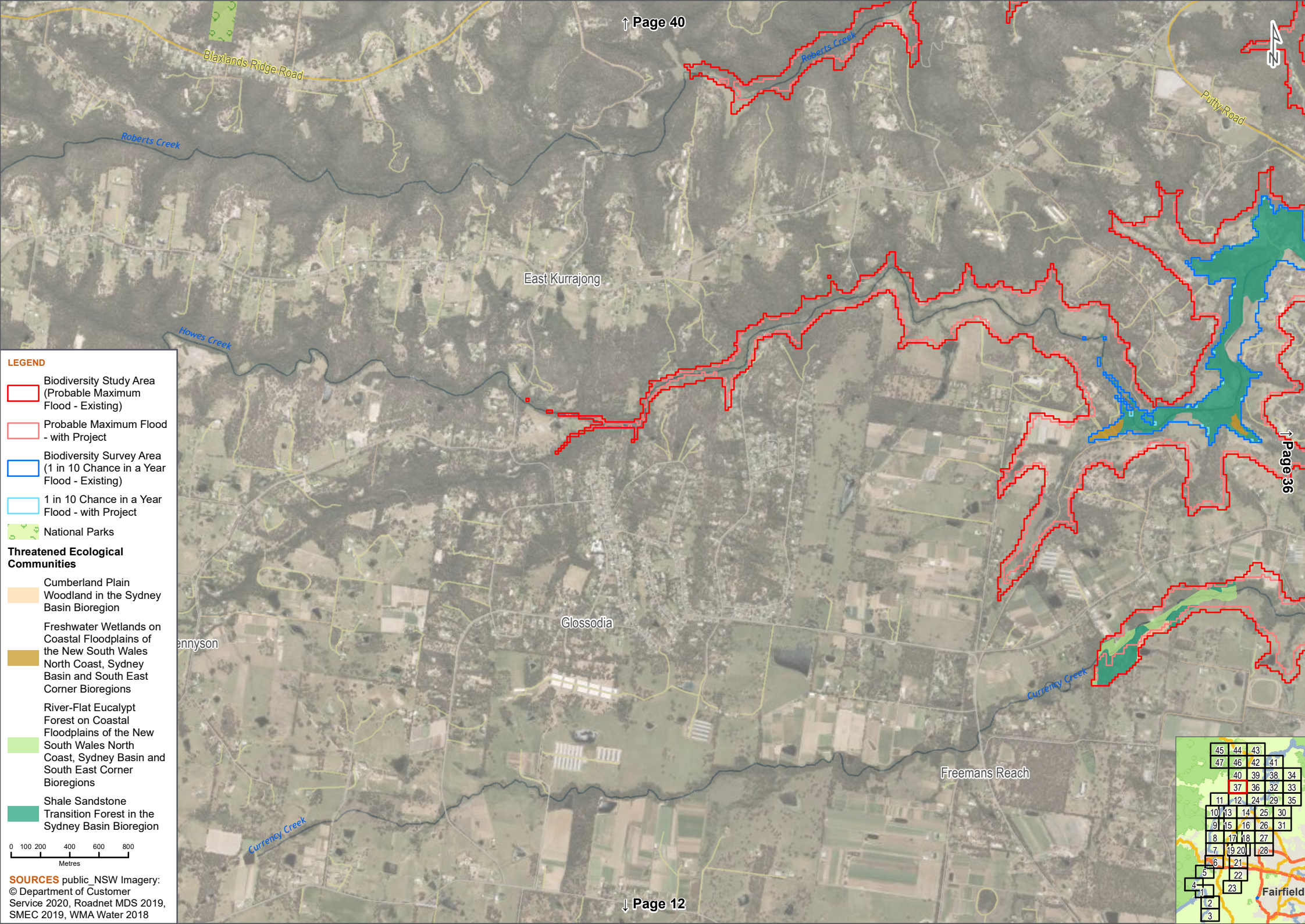
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Metres

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

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47	46	42	41	
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	37	36	32	33
11	12	24	29	35
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Fairfield





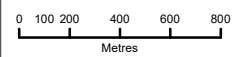
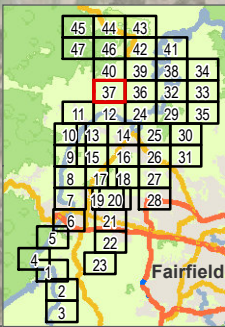
**LEGEND**

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

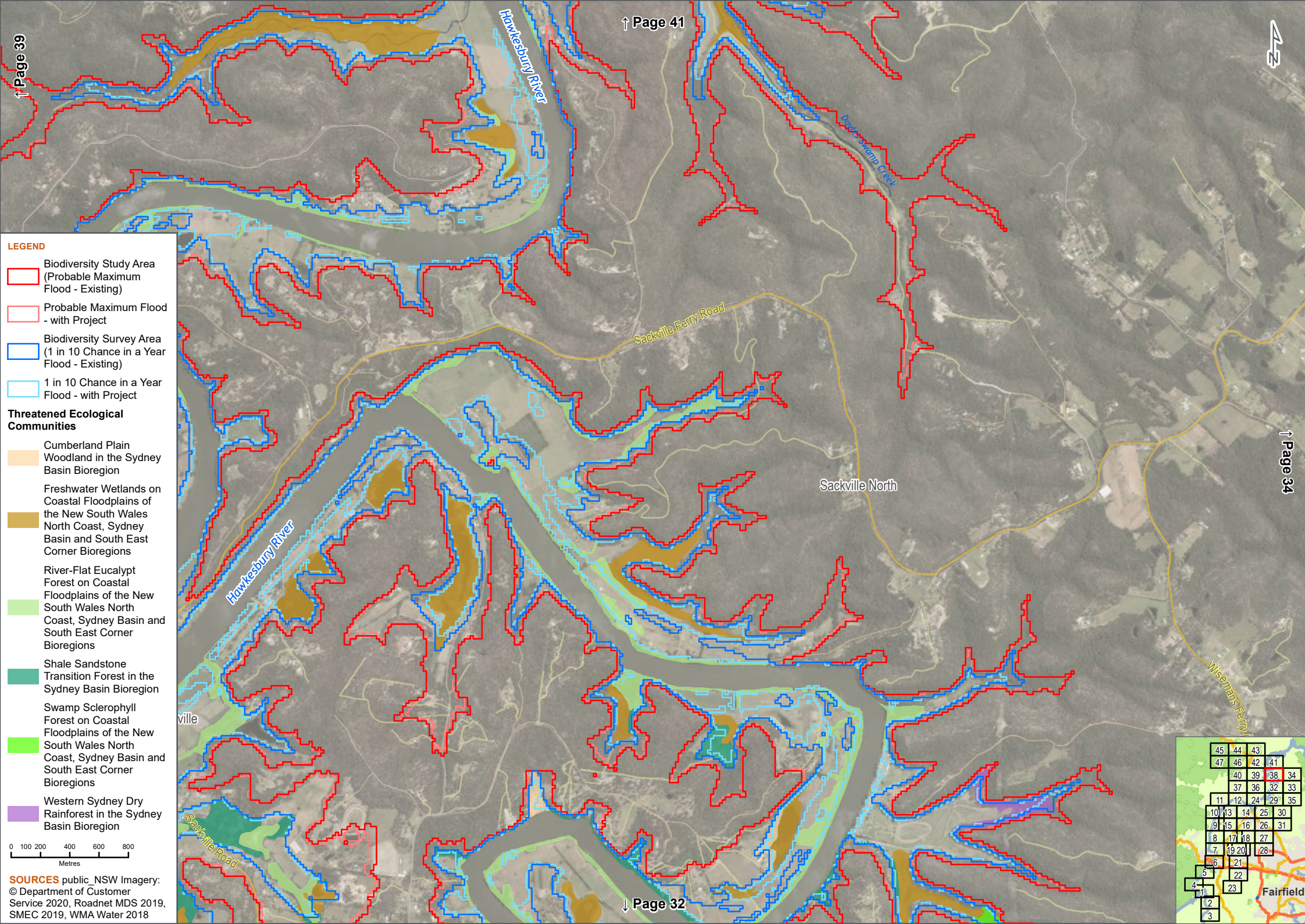
**Threatened Ecological Communities**

- Cumberland Plain Woodland in the Sydney Basin Bioregion
- Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
- Shale Sandstone Transition Forest in the Sydney Basin Bioregion

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



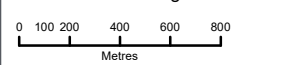




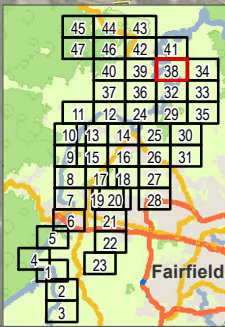
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  - Probable Maximum Flood - with Project
  - Biodiversity Survey Area (1 in 10 Chance in a Year Flood - Existing)
  - 1 in 10 Chance in a Year Flood - with Project

**Threatened Ecological Communities**

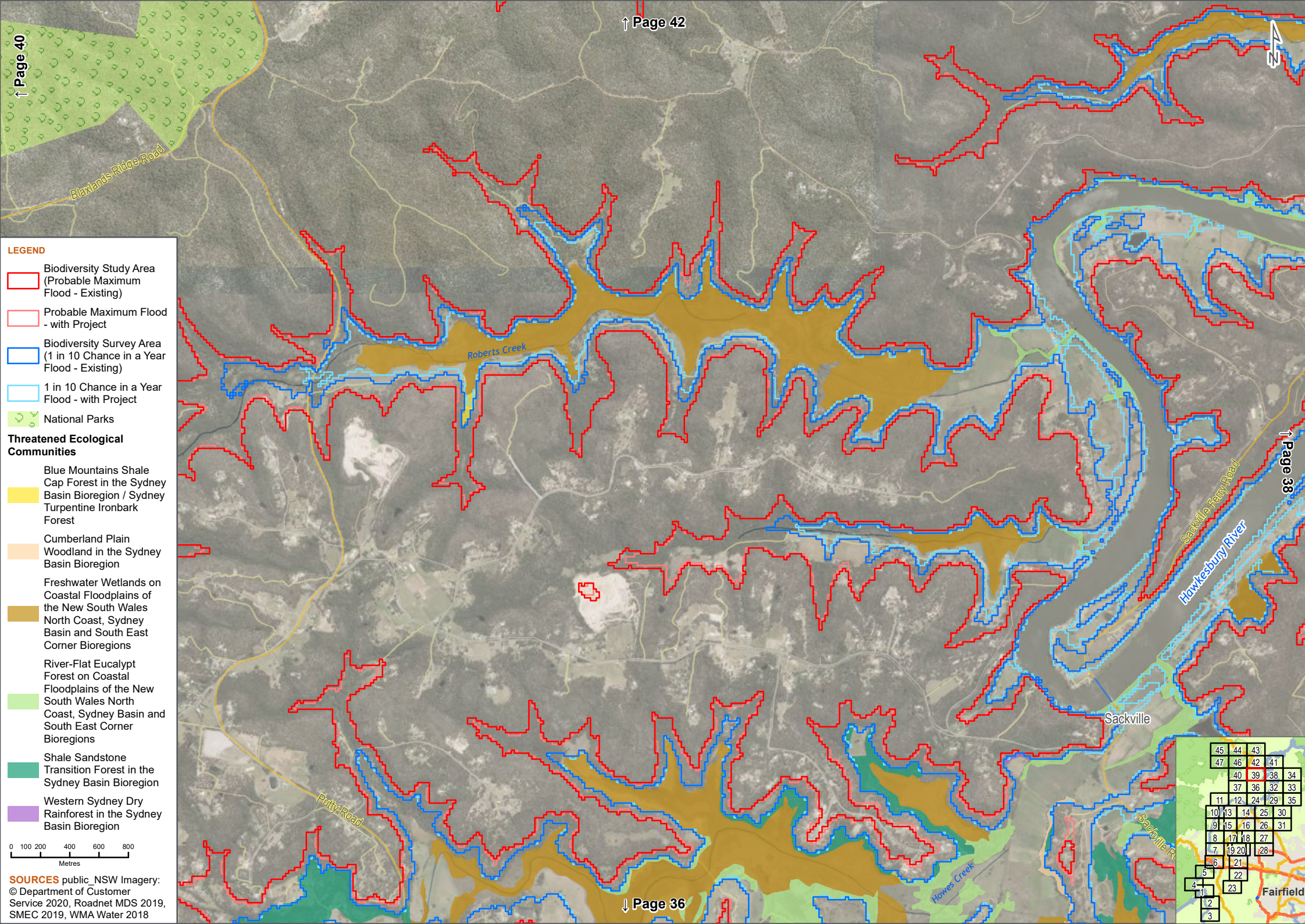
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- Western Sydney Dry Rainforest in the Sydney Basin Bioregion



**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

National Parks

**Threatened Ecological  
Communities**

Blue Mountains Shale  
Cap Forest in the Sydney  
Basin Bioregion / Sydney  
Turpentine Ironbark  
Forest

Cumberland Plain  
Woodland in the Sydney  
Basin Bioregion

Freshwater Wetlands on  
Coastal Floodplains of  
the New South Wales  
North Coast, Sydney  
Basin and South East  
Corner Bioregions

River-Flat Eucalypt  
Forest on Coastal  
Floodplains of the New  
South Wales North  
Coast, Sydney Basin and  
South East Corner  
Bioregions

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

Western Sydney Dry  
Rainforest in the Sydney  
Basin Bioregion

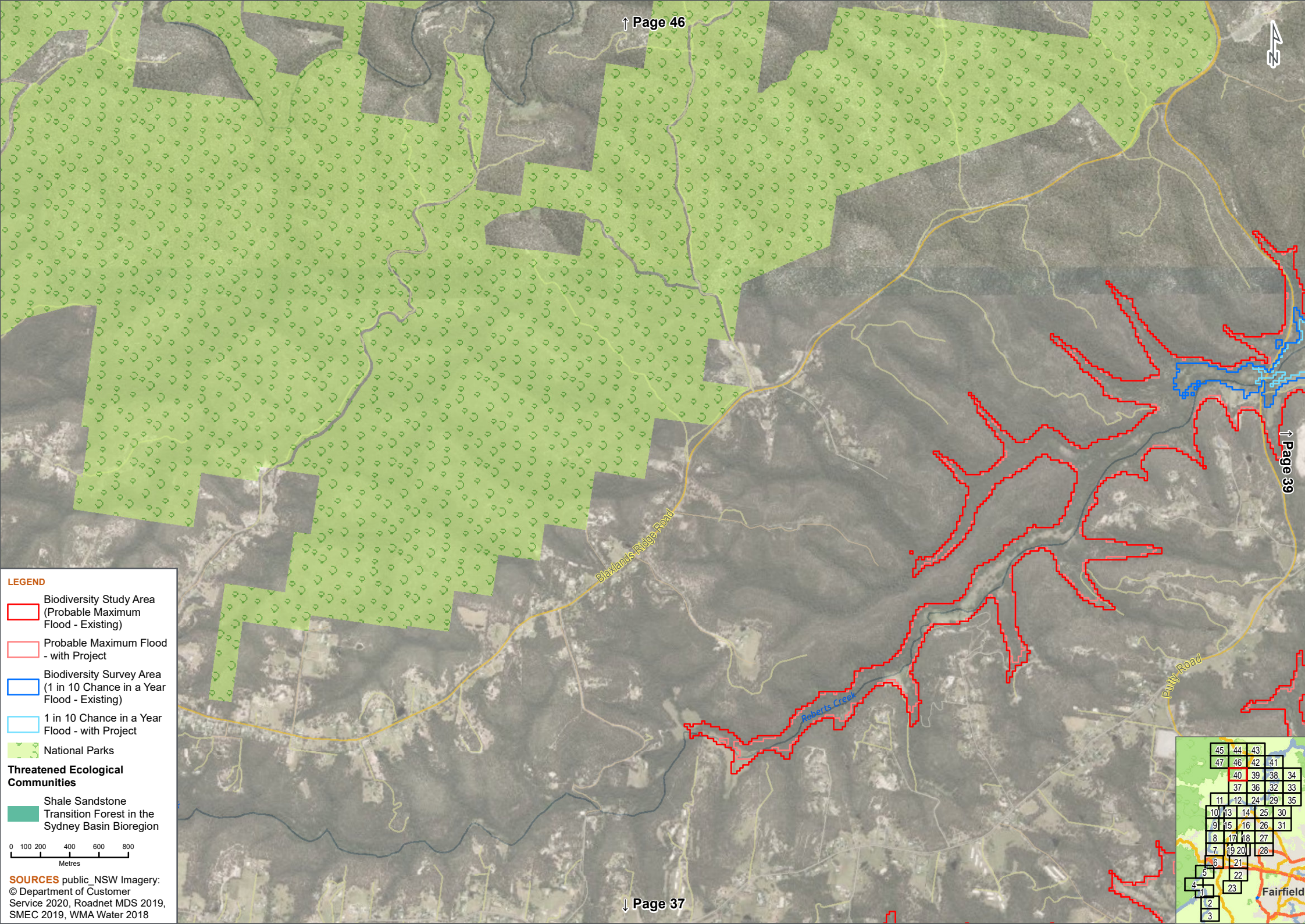
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Metres

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

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37	36	32
11	12	24
10	13	14
19	15	16
8	17	18
7	19	20
6	21	28
5	22	
4	23	
2		
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

National Parks

**Threatened Ecological  
Communities**

Shale Sandstone  
Transition Forest in the  
Sydney Basin Bioregion

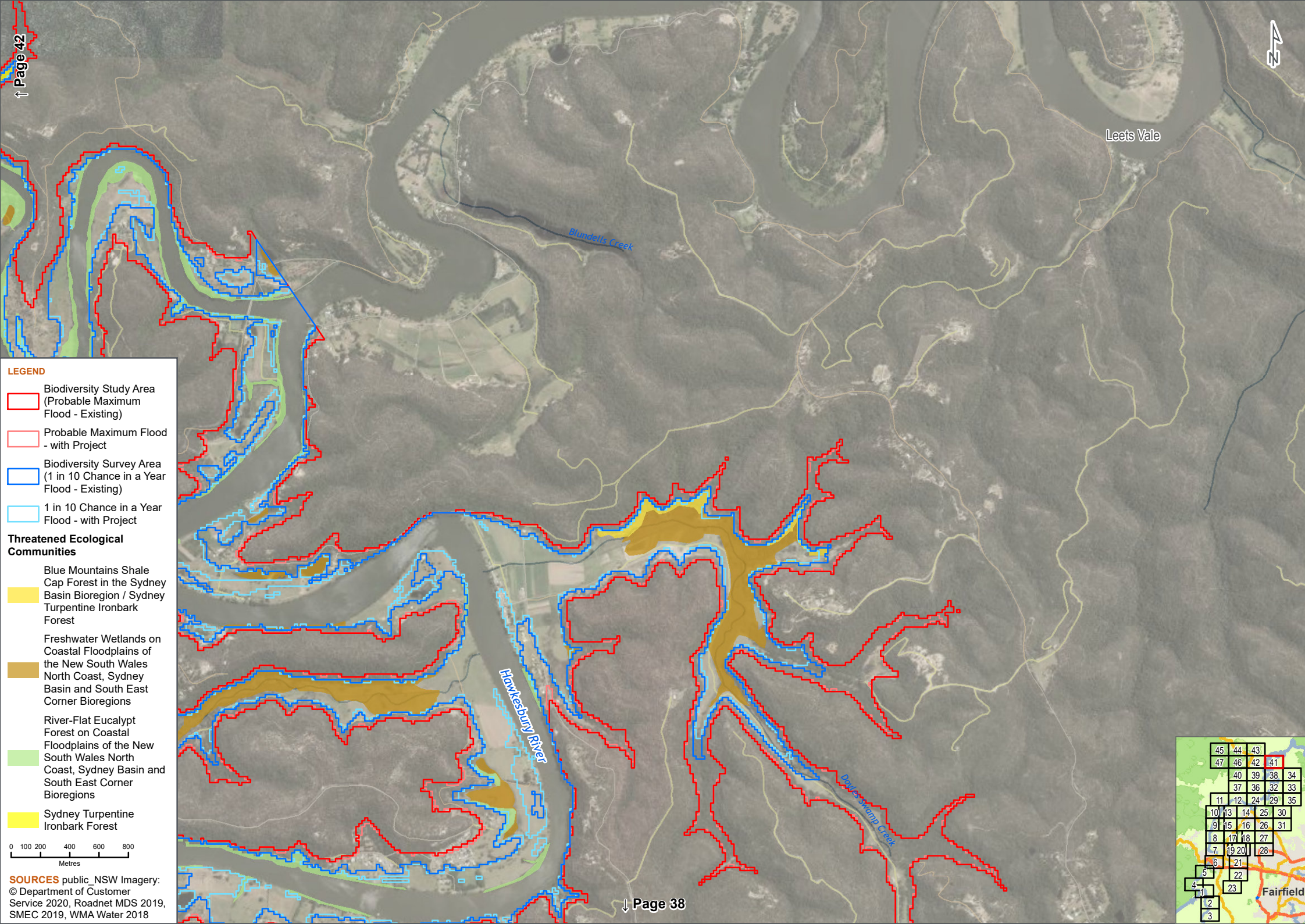
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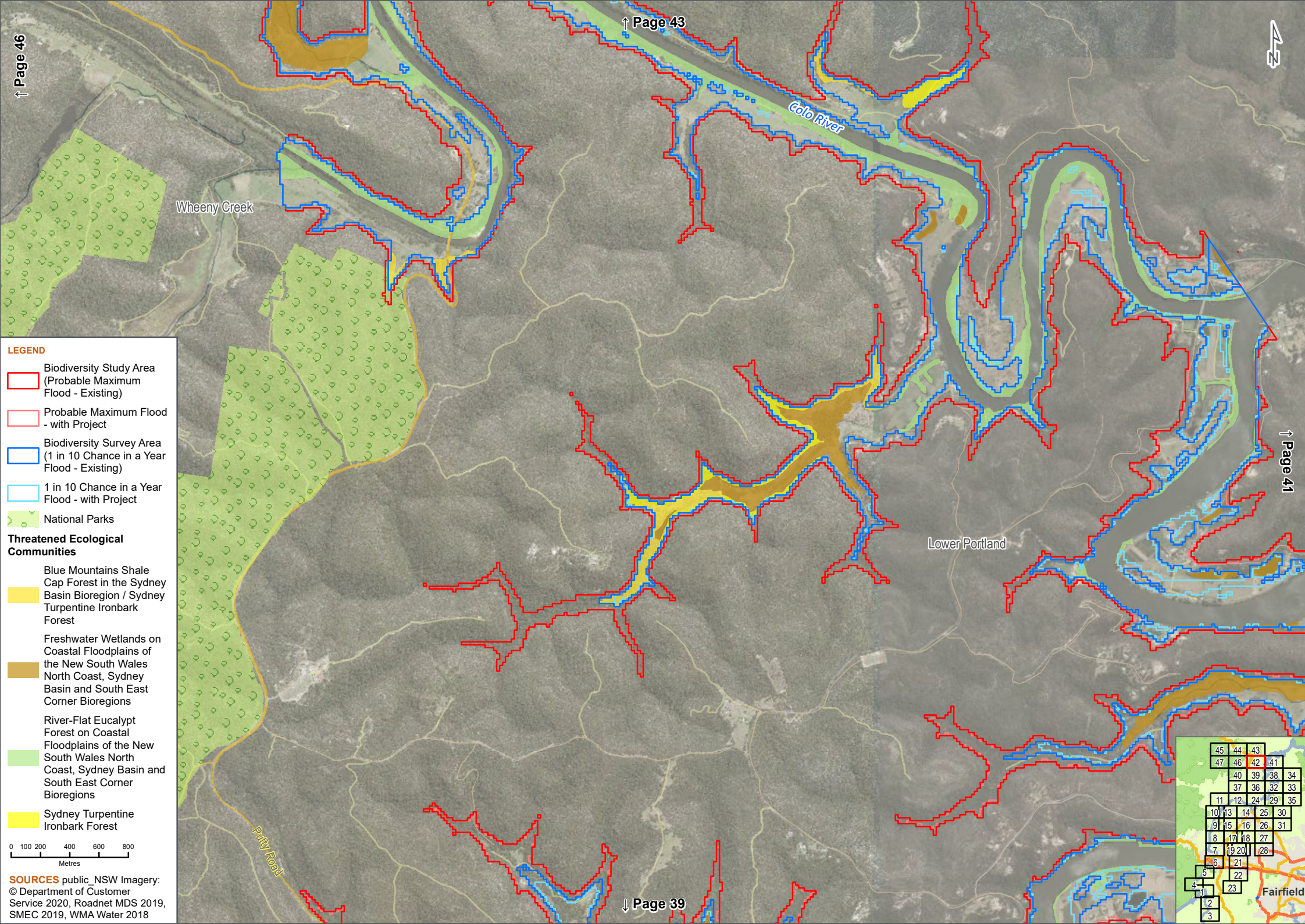
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	6	21		
	5	22		
4	1	23		
2				
3				

Fairfield









**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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**Threatened Ecological Communities**

- Blue Mountains Shale Cap Forest in the Sydney Basin Bioregion / Sydney Turpentine Ironbark Forest
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4	2	3



**LEGEND**

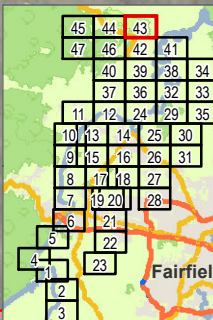
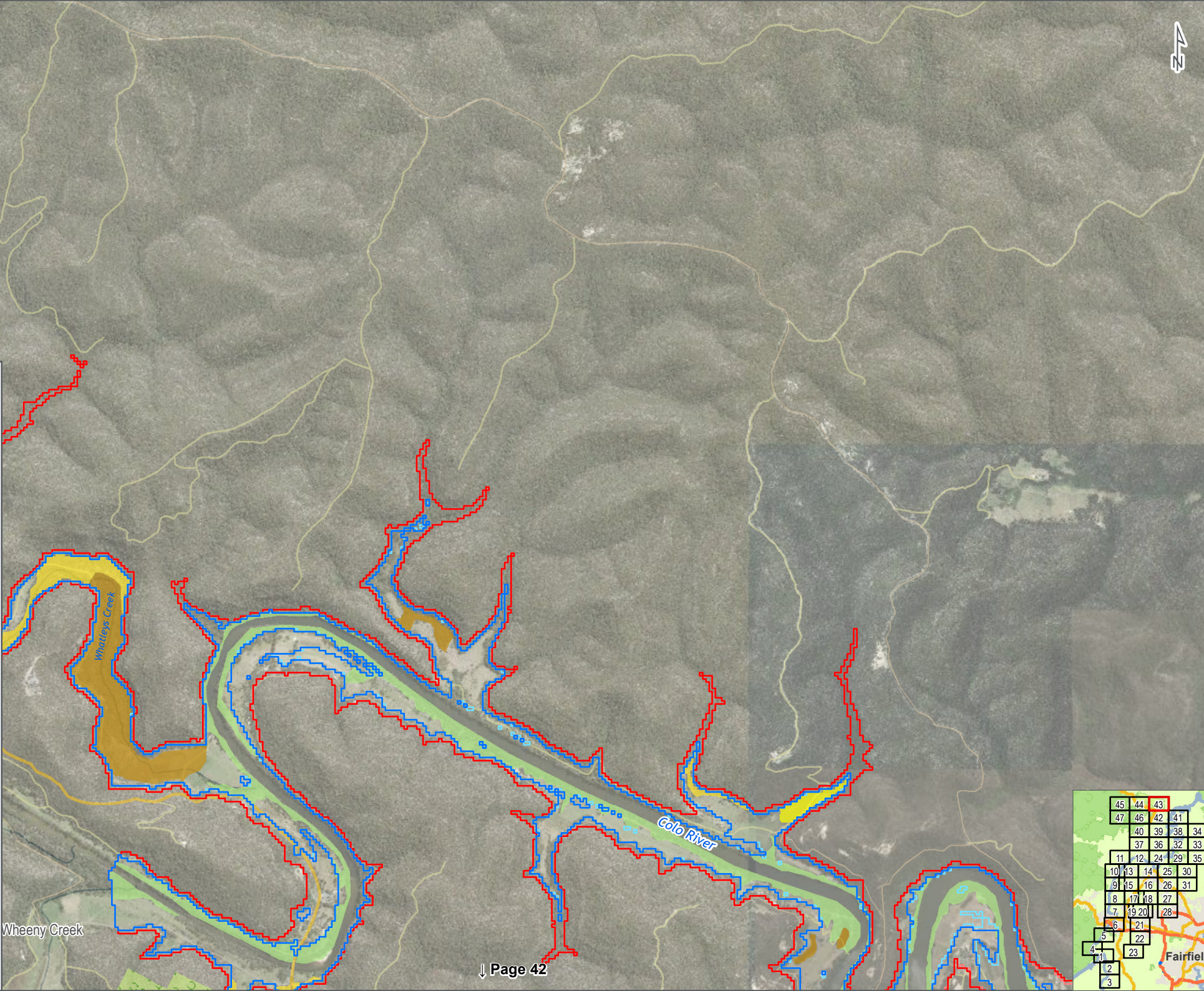
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Metres

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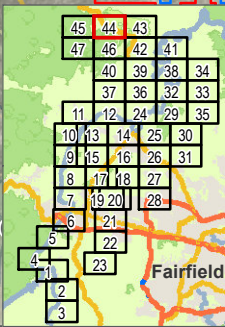
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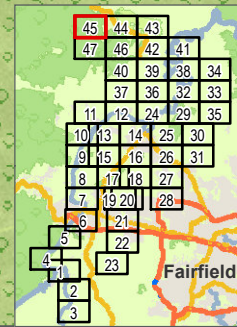


**LEGEND**

 National Parks

0 100 200 400 600 800  
Metres

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

Wheeny Creek

Blaxlands Ridge Road

Fairfield

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↑ Page 42

↓ Page 40

**LEGEND**

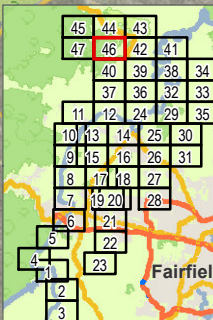
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**Threatened Ecological Communities**

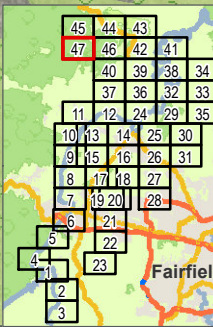
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Metres

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**LEGEND**

National Parks

0 100 200 400 600 800  
Metres

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