

6.4 Socio-economic, land use and property

The socio-economic, land use and property supplementary technical memorandum is provided as **Appendix D** of this report, and a summary is provided below. This section should be read in conjunction with Section 7.4 of the EIS and the socio-economic, land use and property assessment report provided in Appendix H of the EIS.

6.4.1 Assessment methodology

The methodology for the socio-economic, land use and property assessment is consistent with the methodology outlined in Section 7.4.2 of the EIS.

The primary and secondary study areas for the assessment remain unchanged to those presented in the EIS (see Figure 7-51 of EIS).

6.4.2 Existing environment

Section 7.4.3 of the EIS provides a detailed description of the existing environment within which the project is located. This includes existing and planned future land use; population, demography and housing characteristics, local business and industry; social infrastructure; community values; and transport and access.

While the existing environment has not changed since the preparation of the EIS, there have been some changes in planned future land use, with the release of the Draft Western Sydney Aerotropolis Planning Package. The Draft Western Sydney Aerotropolis Planning Package identifies precincts based on likely future character and connectivity and outlines future land use proposed for the Western Sydney Aerotropolis. Precincts as described in the Draft Western Sydney Aerotropolis Planning Package that would be impacted by the amended project include the following:

- Northern Gateway
- North Luddenham
- Wianamatta – South Creek
- Badgerys Creek
- Kemps Creek.

The amended construction and operational footprints have moved further north at Cecil Park to account for the realignment of Wallgrove Road. As such, the amended project now sits within the south-eastern boundary of the Horsley Park and Cecil Park Urban Investigation Area (UIA).

Fairfield City Council is progressing planning for its section of the UIA in consultation with the Greater Sydney Commission and other government agencies including TfNSW. The UIA and associated structure plan are still in the planning phase and are yet to be endorsed by the Greater Sydney Commission. As such, the UIA has not been considered further in the assessment for the amended project. However, it is worth noting that proposed changes as part of the amended project would improve access from the UIA to Elizabeth Drive, the M12 Motorway and the Western Sydney International Airport.

6.4.3 Assessment of potential impacts

The potential socio-economic, land use and property impacts associated with the amended project are described below for construction and operation. Only impacts that are additional or different from those documented in the EIS have been outlined. Overall, the proposed design and construction changes would likely result in localised changes to socio-economic impacts and are considered to have minimal variation from the impacts described in the EIS.

6.4.3.1 Property impacts

Section 7.4.4 of the EIS identified the following types of property impacts:

- Directly affected properties
- Impacts of property acquisition
- Other property impacts.

There would be changes to impacts to all of the above as a result of the amended project, in comparison the project as described in the EIS. These potential impacts are discussed in detail in the following sections.

Directly affected properties

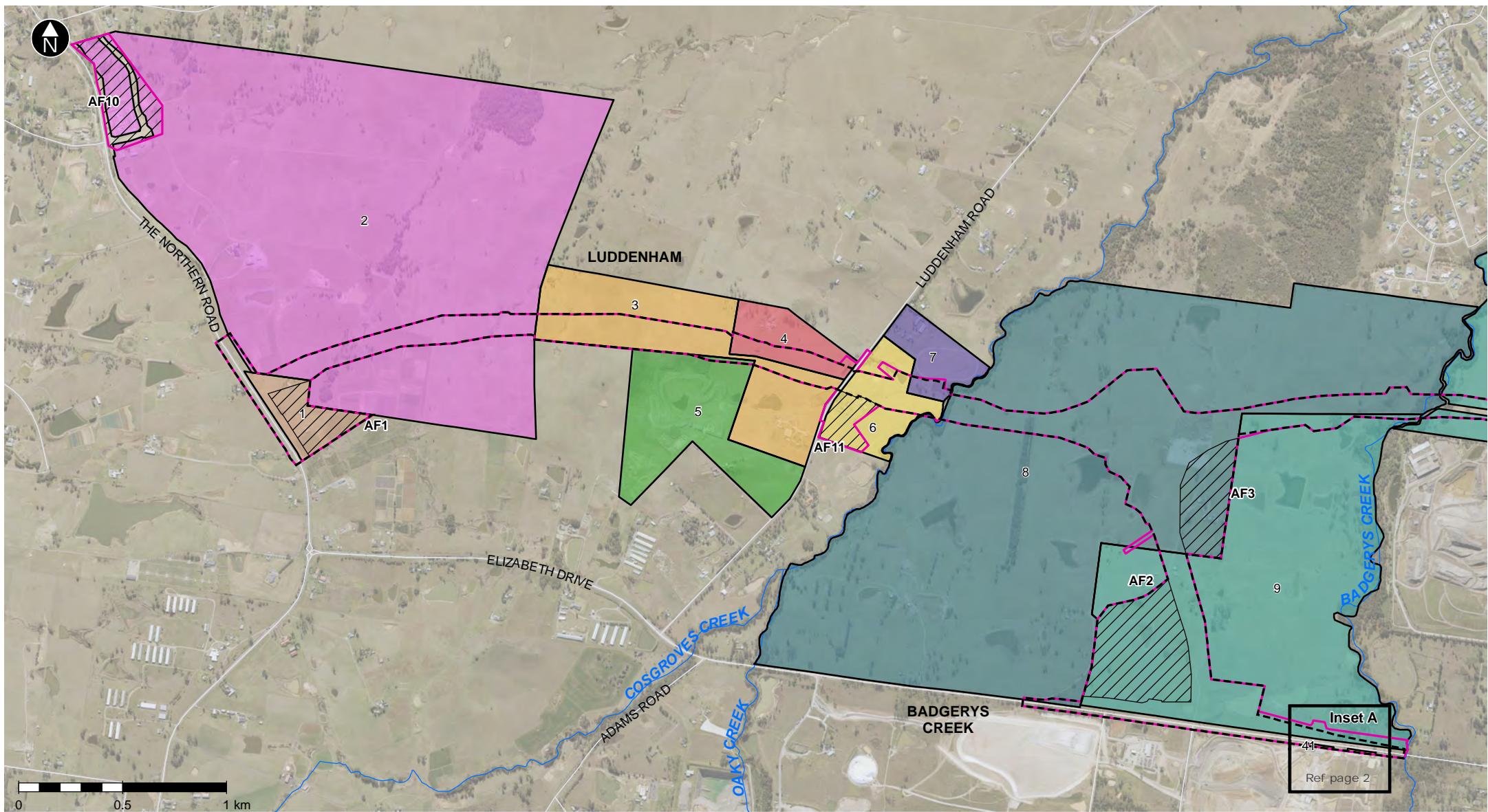
The project as described in the EIS would directly affect 41 properties by either property acquisition or temporary lease. The proposed amended project would require the additional partial acquisition of five properties and three temporary leases. This brings the total number of directly affected properties to 49 for the amended project. Properties within the amended project construction footprint are shown on **Figure 6-24** and properties within the amended project operational footprint are shown on **Figure 6-25**.

Seventeen properties identified in the EIS for acquisition or temporary lease would also be subject to increased acquisition or temporary lease requirements. This would include privately owned rural residential land and publicly owned recreation land, specifically, the Western Sydney Parklands, which is managed by the Western Sydney Parklands Trust.

A summary of properties directly affected by the amended project is provided in **Table 6-30**. No changes are proposed to the other properties identified in the EIS for acquisition or temporary lease.

The types of impacts on the land use associated with the amended project would be consistent with those described in Section 7.4.4 of the EIS. In addition, access to properties subject to temporary lease would remain consistent with the access discussed in the EIS.

Acquisition of additional land required for the amended project would be undertaken in accordance with the provisions of the NSW Land Acquisition (Just Terms Compensation) Act 1991 and the Land Acquisition Reform 2016 process (<https://www.propertyacquisition.nsw.gov.au/>). Where properties are only partly affected by the project, TfNSW would generally undertake a partial acquisition of the directly affected portion in consultation with the landowner.



- The project construction footprint as per the EIS
 - The amended project construction footprint
 - The amended project ancillary facilities
 - ~ ~ ~ Waterways
 - Affected properties
- Note: Different colours have been used for each affected property for ease of identification**

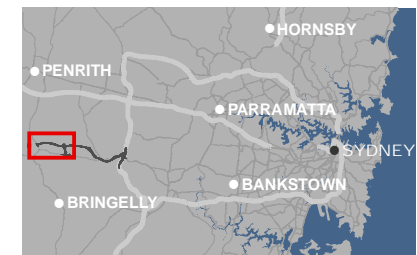
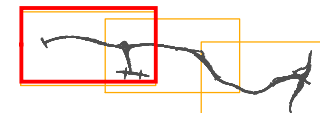
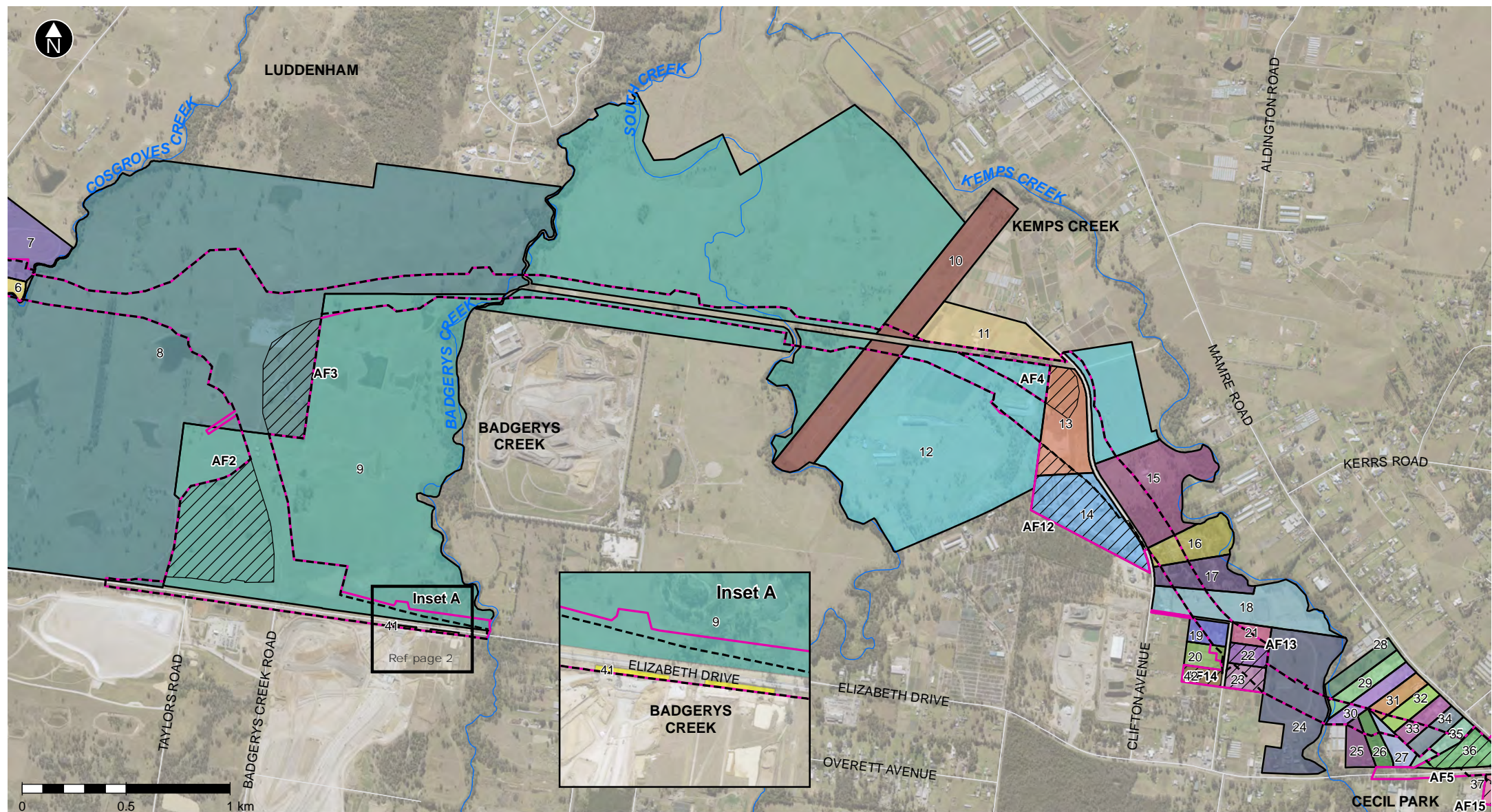


Figure 6-24 Properties within amended project construction footprint



- The project construction footprint as per the EIS
- The amended project construction footprint
- The amended project ancillary facilities
- ~ Waterways

Affected properties

Note: Different colours have been used for each affected property for ease of identification

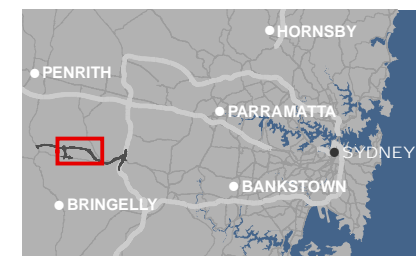
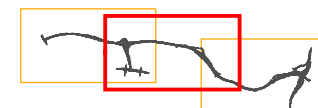
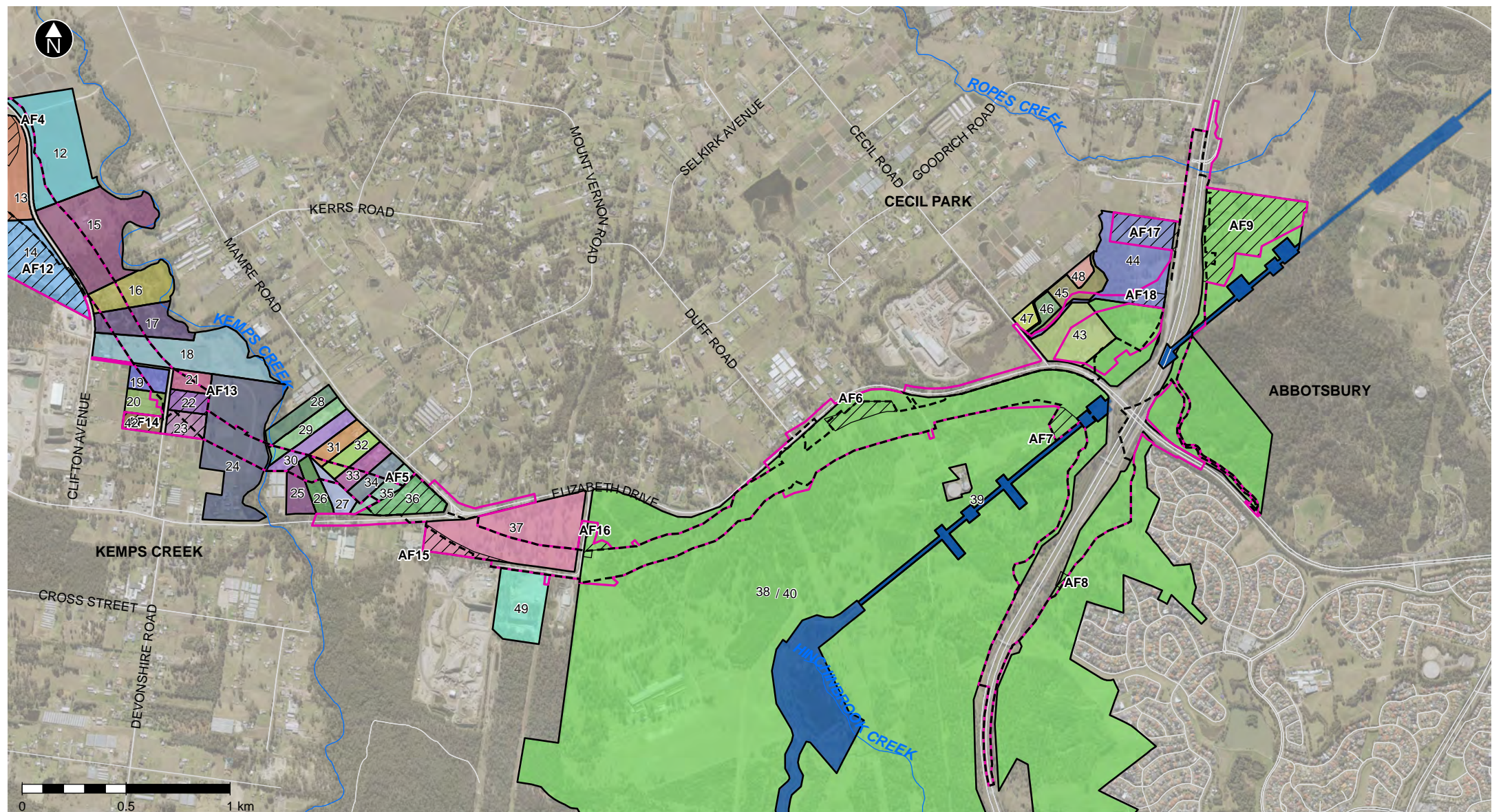


Figure 6-24 Properties within amended project construction footprint



- The project construction footprint as per the EIS
 - The amended project construction footprint
 - Affected properties
 - The amended project ancillary facilities
 - ~ Waterways
- Note: Different colours have been used for each affected property for ease of identification**

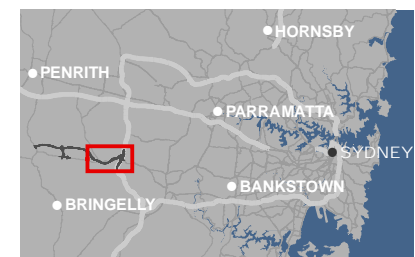
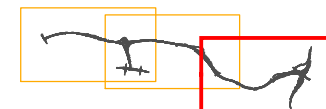
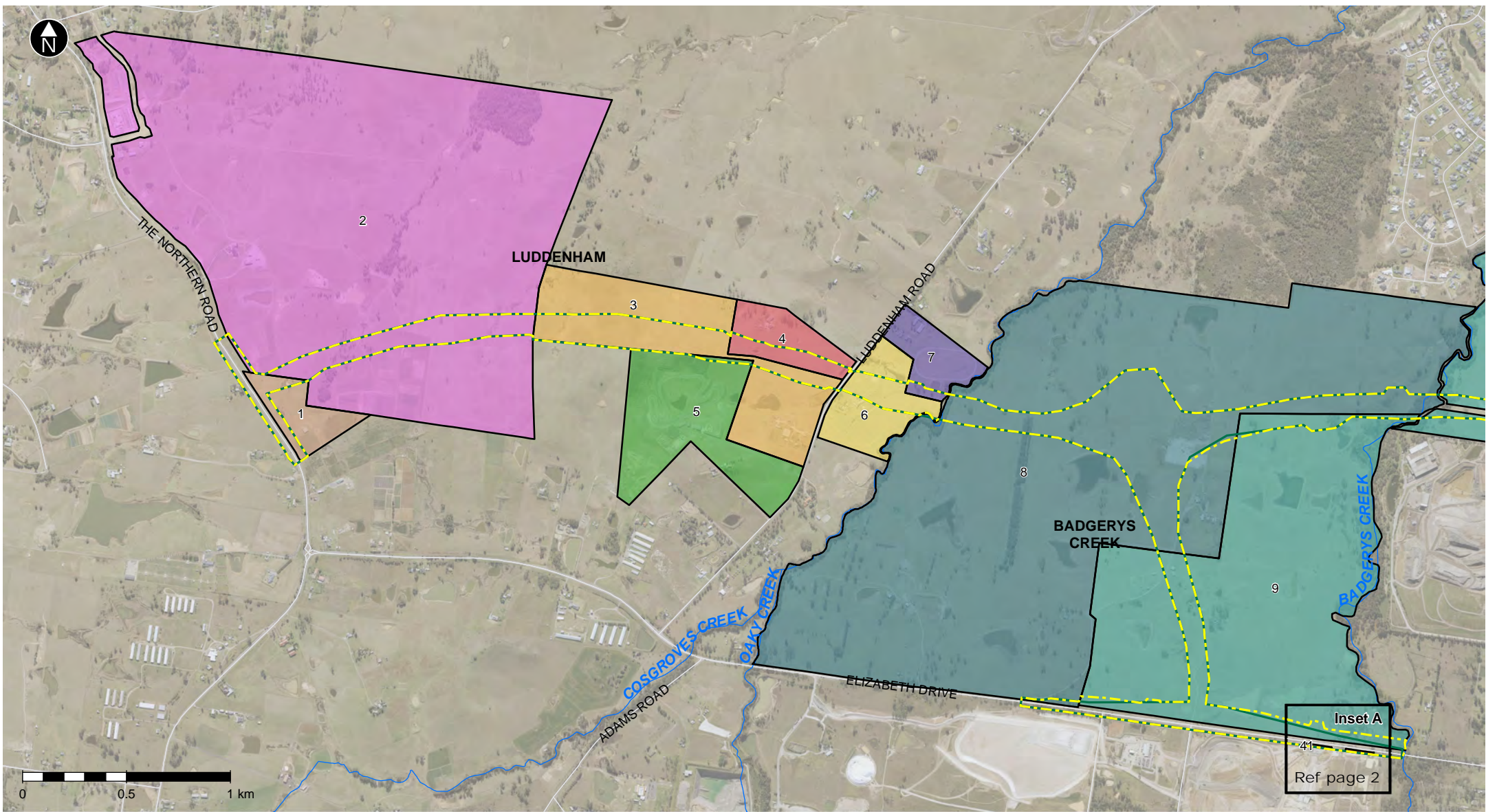


Figure 6-24 Properties within amended project construction footprint

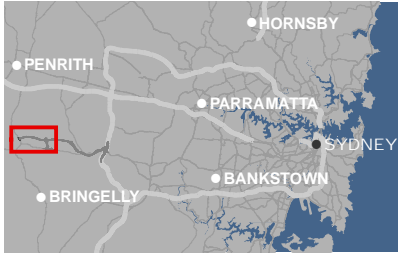
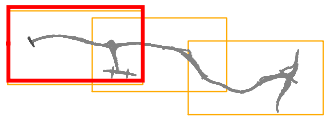


The project operational footprint as per EIS
 Affected properties

The amended project operational footprint

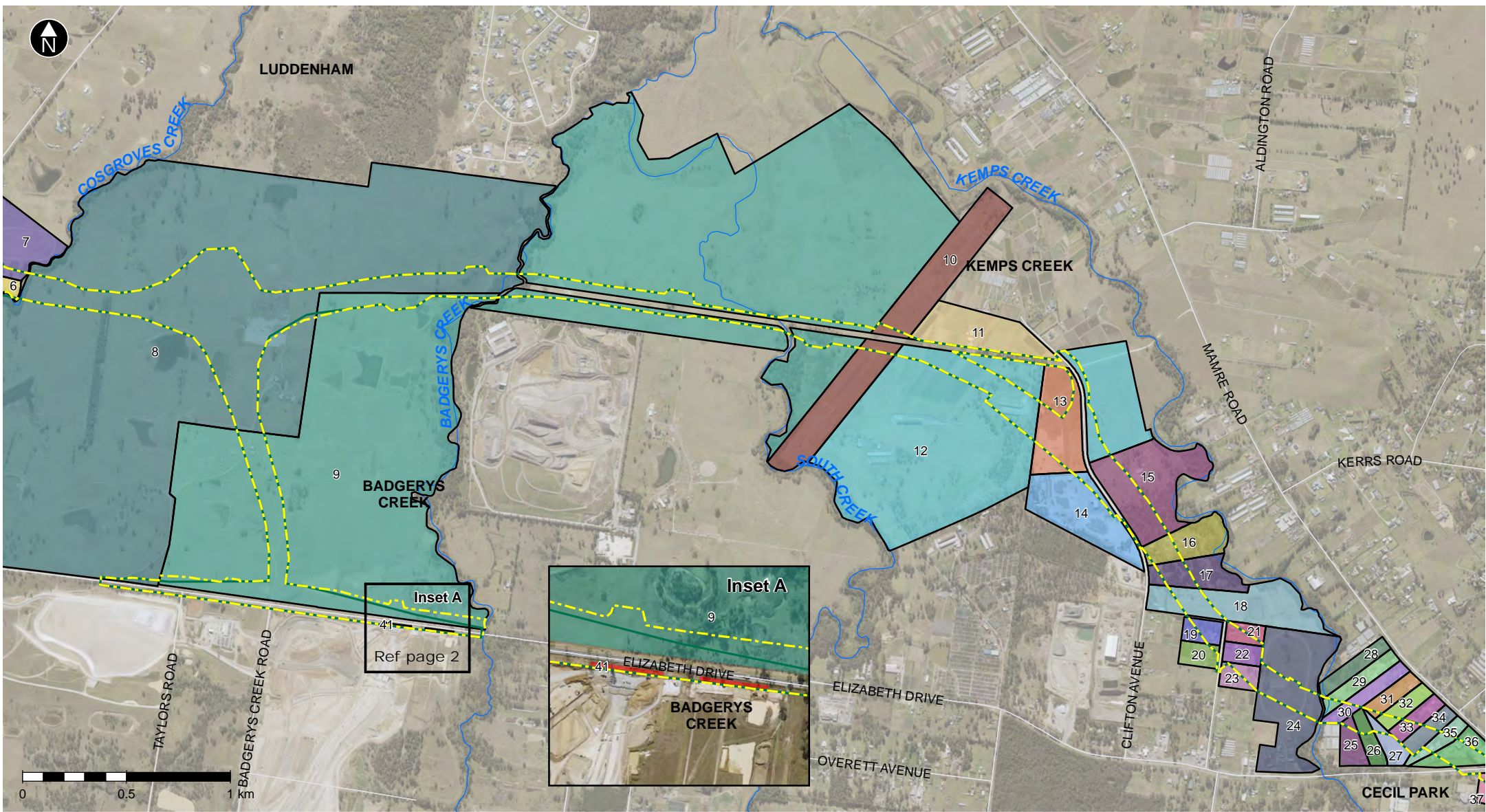
~~~~~ Waterways

**Note: Different colours have been used for each affected property for ease of identification**

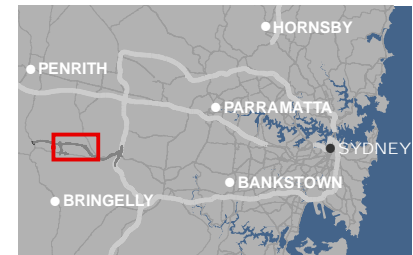


**Figure 6-25** Properties within amended project operational footprint

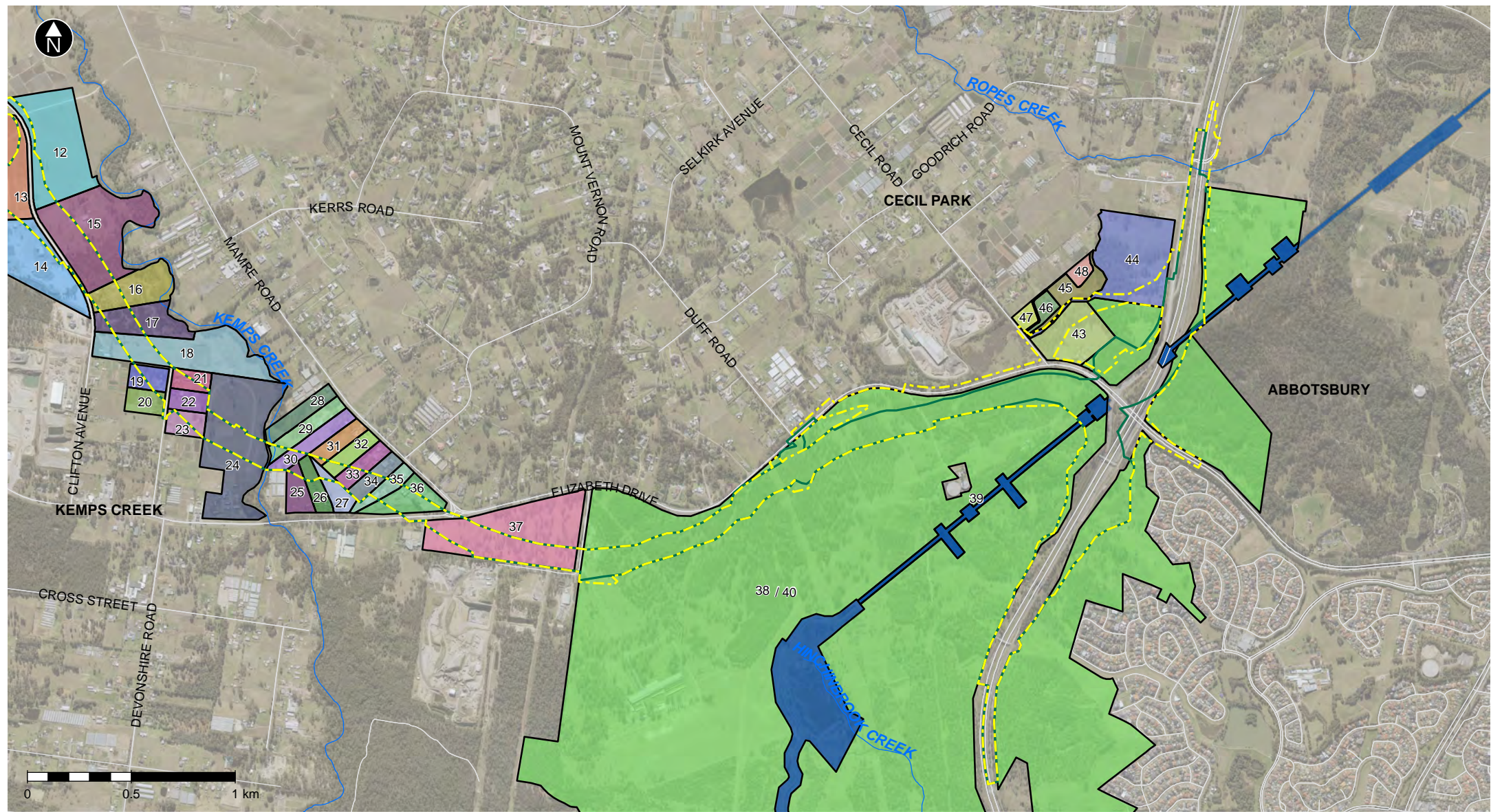




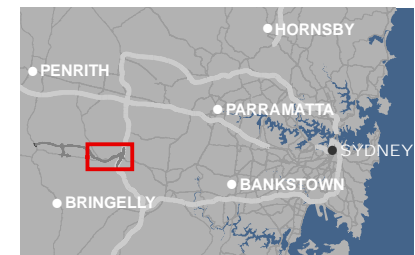
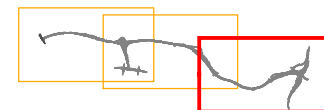
**Figure 6-25** Properties within amended project operational footprint







- The project operational footprint as per EIS
  - Affected properties
  - The amended project operational footprint
  - ~~~~~ Waterways
- Note: Different colours have been used for each affected property for ease of identification**



**Figure 6-25** Properties within amended project operational footprint



Table 6-30 Summary of properties directly affected by the amended project

| ID             | Lot (lot or section/ DP) | Ownership         | Existing land use                                                                                     | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                                     |
|----------------|--------------------------|-------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 <sup>4</sup> | 1/DP200435               | Private           | Agriculture (The Honey Shed), home based business (transport company), utilities (mobile phone tower) | 8.7                            | 1.5 (17.2%)                                                                                       | 7.2 (82.8%)                                                                             | Dwelling(s), internal roads/ tracks                                           | No change                                                                                                                                                                                           |
| 2              | 1/DP1240402              | Private (company) | Rural                                                                                                 | 315.2                          | 13.5 (4.3%)                                                                                       | 9.3 (3.0%)                                                                              | -                                                                             | Increase in property area affected by construction with the temporary lease of the area currently used for The Northern Road upgrade (Stage 5 and 6) construction ancillary facility (9.3 hectares) |

---

<sup>4</sup> Since the M12 Motorway EIS, Lot 1/DP200435 has been subdivided into two separate lots – Lot 4/DP1238606 and Lot 1/DP1238606. Lot 4/DP1238606 (comprising 1.7 hectares) will form part of The Northern Road Stage 5 and 6 and has been excluded from the calculations for Property ID1



| ID | Lot (lot or section/ DP) | Ownership                    | Existing land use                                                   | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses)                         | Change from EIS                                                                                                                                                               |
|----|--------------------------|------------------------------|---------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3  | 26/DP604586, 1/DP228498  | Private                      | Agriculture – grazing                                               | 48.3                           | 16.1 (33.3%)                                                                                      | -                                                                                       | -                                                                                                     | No change                                                                                                                                                                     |
| 4  | 25/DP604586              | Private                      | Agriculture – grazing                                               | 12.8                           | 4.7 (36.4%)                                                                                       | 0.2 (1.6%)                                                                              | Farm dams (two)                                                                                       | Increase in the property area affected by construction with the temporary lease of 0.2 hectares to fully incorporate a farm dam that would be impacted by the amended project |
| 5  | 2/DP529885               | Private (company)            | Commercial (Luddenham Raceway)                                      | 37.8                           | 0.5 (1.4%)                                                                                        | -                                                                                       | Olive trees                                                                                           | No change                                                                                                                                                                     |
| 6  | 1/DP235124               | Private (now owned by TfNSW) | Commercial (former Karingal Training Stables – no longer operating) | 17.6                           | 5.2 (29.8%)                                                                                       | 5.4 (30.7%)                                                                             | Sheds, horse paddocks/ stables, farm dams, training facilities, training track, internal roads/tracks | Increase in the property area affected by construction (by 5.0 hectares) for a construction ancillary facility (AF 11) following acquisition of the property by TfNSW         |



| ID | Lot (lot or section/ DP) | Ownership         | Existing land use                                                                        | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                                                                                                                                   |
|----|--------------------------|-------------------|------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7  | 35/DP211842              | Private           | Agriculture – intensive animal husbandry (horses)                                        | 11.3                           | 1.0 (8.7%)                                                                                        | 0.7 (6.2%)                                                                              | Farm dams                                                                     | Change to the property area affected by temporary lease (from 0.6 hectares to 0.7 hectares) to fully incorporate the farm dams that would be impacted by the amended project                                                                                                                      |
| 8  | 101/DP848215             | Private (company) | Agriculture – grazing, commercial (quarrying, waste management and/or resource recovery) | 343.4                          | 47.7 (13.8%)                                                                                      | 13.1 (3.8%)                                                                             | Farm dams, quarry, farm dams (two), internal roads/tracks                     | Minor adjustment in operational footprint to accommodate amended design of airport interchange (47.2 hectares to 47.5 hectares). Reduction in the property area subject to temporary lease (from 13.4 hectares to 13.1 hectares), which is partly due to adjustments in the operational footprint |



| ID | Lot (lot or section/ DP)                                                  | Ownership         | Existing land use                                               | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                                                                                                                                                                                                                                      |
|----|---------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9  | 63/DP1087838, 62/DP1087838, 3/DP164242, 1/DP74574, 21/DP258414, 1/DP88836 | Private           | Rural land – The University of Sydney farms                     | 343.9                          | 34.0 (9.9%)                                                                                       | 23.2 (6.7%)                                                                             | Farm dams                                                                     | Change to the operational footprint (from 30.9 hectares to 33.6 hectares) at Elizabeth Drive to incorporate intersections into the Western Sydney International Airport and connection to future development to the north of Elizabeth Drive. Reduction in the area subject to temporary lease (from 27.9 hectares to 23.2 hectares), which is mainly due to the change in the operational footprint |
| 10 | 2/DP88836                                                                 | Private (company) | Model aircraft airstrip/ rural land, commercial (radio testing) | 25.3                           | 1.6 (6.2%)                                                                                        | -                                                                                       | -                                                                             | No change                                                                                                                                                                                                                                                                                                                                                                                            |
| 11 | 55/DP734584                                                               | Private           | Agriculture – horticulture                                      | 10.1                           | 0.04 (0.4%)                                                                                       | -                                                                                       |                                                                               | No change                                                                                                                                                                                                                                                                                                                                                                                            |



| ID | Lot (lot or section/ DP)           | Ownership         | Existing land use                                                             | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                       |
|----|------------------------------------|-------------------|-------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | 1/DP587135, 2/DP587135, 7/DP812284 | Private (company) | Agriculture – horticulture, grazing (identified for future urban development) | 88.1                           | 10.8 (12.2%)                                                                                      | 0.1 (0.1%)                                                                              | Horticultural gardens, internal roads                                         | Minor increase in the property area affected by construction with the temporary lease of 0.1 hectares to fully incorporate a shed impacted by the amended project                     |
| 13 | 47/DP734584                        | Private (company) | Rural land                                                                    | 10.7                           | 6.1 (56.8%)                                                                                       | 4.6 (43.0%)                                                                             | -                                                                             | Change to the property area subject to temporary lease (from 3.0 hectares to 4.6 hectares), to incorporate residual land within the construction ancillary facility (AF 12)           |
| 14 | 3/DP812284                         | Private (company) | Recycling facility, commercial (TreeServe)                                    | 12.8                           | 0.8 (6.3%)                                                                                        | 12.0 (93.8%)                                                                            | -                                                                             | Increase in the property area affected by construction with the temporary lease of 12.0 hectares for an ancillary facility (AF 12), in response to approach from owner offering lease |
| 15 | 6/DP812284                         | Private           | Agriculture – grazing                                                         | 16.3                           | 6.4 (39.1%)                                                                                       | -                                                                                       | Sheds, internal roads/tracks                                                  | No change                                                                                                                                                                             |

| ID | Lot (lot or section/ DP) | Ownership | Existing land use          | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                                     |
|----|--------------------------|-----------|----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 | 5/DP812284               | Private   | Wrecked car yard           | 6.1                            | 1.7 (27.5%)                                                                                       | -                                                                                       | -                                                                             | No change                                                                                                                                                                                           |
| 17 | 4/DP812284               | Private   | Rural land                 | 5.7                            | 1.8 (30.9%)                                                                                       | -                                                                                       | -                                                                             | No change                                                                                                                                                                                           |
| 18 | 41/DP734584              | Private   | Agriculture – horticulture | 13.1                           | 2.2 (17.1%)                                                                                       | -                                                                                       | Horticultural gardens, shed                                                   | No change                                                                                                                                                                                           |
| 19 | 1/DP981721               | Private   | Rural residential          | 2.1                            | 1.3 (60.6%)                                                                                       | -                                                                                       | Dwelling, sheds                                                               | No change                                                                                                                                                                                           |
| 20 | 1/DP981720               | Private   | Agriculture – horticulture | 2.1                            | 0.2 (9.0%)                                                                                        | 0.2 (10.0%)                                                                             | Shade houses, farm dam                                                        | Increase in the property area affected by construction with the temporary lease of 0.2 hectares to fully incorporate a farm dam and a small number of additional shade houses (up to five in total) |



| ID | Lot (lot or section/ DP) | Ownership | Existing land use                                 | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                             |
|----|--------------------------|-----------|---------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21 | 1/DP736951               | Private   | Commercial (horse training)                       | 1.9                            | 1.05 (56.8%)                                                                                      | 0.03 (1.6%)                                                                             | Dwellings (two), sheds/ stables, horse paddocks                               | Change to the construction footprint to fully incorporate a shed impacted by the amended project, increasing the property area affected from 1.05 hectares to 1.08 hectares |
| 22 | 2/DP736951               | Private   | Rural residential                                 | 1.9                            | 1.9 (100.0%)                                                                                      | -                                                                                       | Dwelling, sheds, horse paddocks                                               | No change                                                                                                                                                                   |
| 23 | B/DP416720, 39/A/DP2566  | Private   | Commercial (horse training facility – Bara Lodge) | 2.2                            | 1.0 (45.4%)                                                                                       | 1.2 (54.5%)                                                                             | Horse paddocks, shed, internal roads/tracks                                   | Increase in the property area affected by construction with the temporary lease of 1.2 hectares to include additional area for a construction ancillary facility (AF 13)    |
| 24 | B/DP102214               | Private   | Commercial (horse training facility – Bara Lodge) | 18.8                           | 4.0 (21.5%)                                                                                       | -                                                                                       | Training track, farm dam, internal roads/tracks                               | No change                                                                                                                                                                   |

| ID | Lot (lot or section/ DP) | Ownership         | Existing land use                | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS |
|----|--------------------------|-------------------|----------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|
| 25 | 29/DP30265               | Private (company) | Commercial (Vac Group Australia) | 2.4                            | 0.3 (12.4%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 26 | 8/DP737052               | Private           | Residential                      | 2.1                            | 0.8 (35.9%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 27 | 7/DP737052               | Private (company) | Commercial                       | 2.1                            | 0.5 (22.7%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 28 | 17/DP30265               | Private           | Rural residential                | 2.9                            | 0.02 (0.6%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 29 | 18/DP30265               | Private           | Rural residential                | 3.1                            | 0.5 (15.0%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 30 | 19/DP30265               | Private           | Rural residential                | 3.2                            | 1.0 (31.7%)                                                                                       | -                                                                                       | -                                                                             | No change       |
| 31 | 20/DP30265               | Private (company) | Rural residential                | 2.3                            | 0.2 (7.6%)                                                                                        | -                                                                                       | -                                                                             | No change       |
| 32 | 21/DP30265               | Private           | Rural residential                | 2.3                            | 0.6 (23.9%)                                                                                       | -                                                                                       | -                                                                             | No change       |



| ID | Lot (lot or section/ DP)                                                                                            | Ownership         | Existing land use                         | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                              |
|----|---------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 33 | 22/DP30265                                                                                                          | Private (company) | Commercial                                | 2.3                            | 0.9 (40.6%)                                                                                       | -                                                                                       | Hardstand                                                                     | No change                                                                                                                                                                                    |
| 34 | 23/DP30265                                                                                                          | Private (company) | Commercial – Western Safety Fences        | 2.3                            | 1.3 (55.2%)                                                                                       | -                                                                                       | -                                                                             | No change                                                                                                                                                                                    |
| 35 | 24/DP30265                                                                                                          | Private           | Rural residential                         | 2.0                            | 0.8 (39.9%)                                                                                       | -                                                                                       | Shed                                                                          | No change                                                                                                                                                                                    |
| 36 | 26/DP30265, 25/DP30265                                                                                              | Private           | Commercial (Hi-Quality Group Head Office) | 4.2                            | 2.2 (51.6%)                                                                                       | 2.0 (47.6%)                                                                             | Shed, office, hardstand                                                       | Increase in the property area affected by construction by 2.0 hectares to incorporate the whole of this property                                                                             |
| 37 | 9/DP1054778, 8/DP1054778, 7/DP1054778, 6/DP1054778, 5/DP1054778, 4/DP1054778, 3/DP1054778, 2/DP1054778, 1/DP1054778 | Private           | Agriculture – grazing                     | 18.9                           | 8.3 (43.7%)                                                                                       | 1.7 (9.0%)                                                                              | -                                                                             | Increase in the property area affected by construction with the temporary lease of 1.7 hectares to incorporate land south of the M12 Motorway into a construction ancillary facility (AF 15) |

| ID                      | Lot (lot or section/ DP)                                                                                                                                                                                                                                                                 | Ownership                                           | Existing land use              | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses)                                                                                                                              | Change from EIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 38 <sup>5</sup> /<br>40 | 3/DP1087825,<br>1/DP875790,<br>2/DP922940,<br>28/DP654786,<br>1/DP308358,<br>6/DP629798,<br>5/DP629798,<br>1/DP1041390,<br>2/DP1041390,<br>10/DP1021940,<br>11/DP1021940,<br>12/DP1021940,<br>14/DP1021940,<br>1/DP724970,<br>11/DP860893 <sup>6</sup> ,<br>13/DP1021940,<br>1/DP522269, | Public<br>(Western<br>Sydney<br>Parklands<br>Trust) | Western<br>Sydney<br>Parklands | 801.3                          | 53.5<br>(6.7%)                                                                                    | 20.4<br>2.5%)                                                                           | Wylde Mountain<br>Bike Trail and<br>other recreation<br>uses,<br>International<br>Shooting<br>Centre, car<br>parking area,<br>vegetated<br>areas, orchard<br>trees, dwelling,<br>sheds, farm<br>dams (two) | Increase in the property area affected by construction with the temporary lease of an additional 13.9 hectares of land to incorporate the existing Wylde Mountain Bike Trail car park area (which would be relocated) into construction ancillary facility (AF 16), land east of the M7 Motorway (AF 9), and other minor adjustments.<br><br>Increase in the property area affected by the operational footprint from 46.1 hectares to 53.5 hectares, to accommodate the amended project at Elizabeth Drive |

<sup>5</sup> Property ID38 now includes land within the Western Sydney Parklands identified separately in the EIS as Property ID40. Rural residential land owned by the Western Sydney Parklands Trust has also been removed from Property ID38 and is shown separately as Property ID44

<sup>6</sup> This property was previously affected by an access track for the project as described in the EIS, but was not included in the list of affected properties



| ID     | Lot (lot or section/ DP)                        | Ownership           | Existing land use            | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                            |
|--------|-------------------------------------------------|---------------------|------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 39     | 21/DP1109551, 26/DP1109551, 22/DP1109551        | Public              | WaterNSW                     | 9.5                            | 2.1 (22.6%)                                                                                       | -                                                                                       | -                                                                             | Minor change to the operational footprint east of the M7 Motorway, increasing the property area affected from 2.0 hectares to 2.1 hectares |
| 41     | 2/DP1230172, 1/DP129674, 2/DP996420, 1/DP996420 | Public <sup>7</sup> | Elizabeth Drive road reserve | 0.3                            | 0.3 (99.7%)                                                                                       | -                                                                                       | -                                                                             | No change                                                                                                                                  |
| 42 New | 33/A/DP2566                                     | Private             | Rural residential            | 1.5                            | -                                                                                                 | 1.5 (100%)                                                                              | -                                                                             | Property to be used for construction ancillary facility (AF 14)                                                                            |
| 43     | 2/4/DP2954                                      | Private             | Rural residential            | 7.4                            | 3.3 (45.4%)                                                                                       | -                                                                                       | Vegetated area, farm dam                                                      | Change to the operational footprint for the realignment of Wallgrove Road                                                                  |

---

<sup>7</sup> Transfer of Commonwealth land to TfNSW currently ongoing

| ID     | Lot (lot or section/ DP)                                                       | Ownership                               | Existing land use           | Total property area (hectares) | Area of land within amended operational footprint (hectares) (proportion of property in brackets) | Area of land subject to temporary lease (hectares) (proportion of property in brackets) | Property improvements affected (eg dwellings, sheds, farm dams, shade houses) | Change from EIS                                                                                                                                                                    |
|--------|--------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44     | 7/DP629798, 1/DP1222339, 26B/DP387529, 26A/DP387529, 25/4/DP2954, 24/DP1152887 | Public (Western Sydney Parklands Trust) | Rural and rural residential | 14.9                           | 2.9 (19.6%)                                                                                       | 4.3 (28.9%)                                                                             | Dwelling, sheds, vegetated area                                               | Change to the operational footprint for the connection to Wallgrove Road and temporary lease of 4.3 hectares for an additional construction ancillary facilities (AF 17 and AF 18) |
| 45 New | 302/DP1122172<br>303/DP1122172<br>304/DP1122172                                | Private                                 | Residential                 | 4.3                            | 0.02 (0.5%)                                                                                       | 0.02 (0.5%)                                                                             | -                                                                             | Minor adjustment to driveway access at Cecil Road<br><br>Temporary lease of 0.02 hectares of land to incorporate whole of dam                                                      |
| 46 New | 301/DP1122172                                                                  | Private                                 | Residential                 | 1.3                            | 0.02 (1.6%)                                                                                       | -                                                                                       | -                                                                             | Minor adjustment to driveway access at Cecil Road                                                                                                                                  |
| 47 New | 300/DP1122172                                                                  | Private                                 | Residential                 | 1.0                            | 0.01 (1.3%)                                                                                       | -                                                                                       | -                                                                             | Minor adjustment to driveway access at Cecil Road                                                                                                                                  |
| 48 New | 303/DP1122172                                                                  | Private                                 | Residential                 | 1.2                            | 0.004 (0.4%)                                                                                      | -                                                                                       | -                                                                             | Minor adjustment to driveway access at Cecil Road                                                                                                                                  |
| 49 New | 91/DP1101411                                                                   | Private                                 | Commercial (quarry)         | 7.7                            | -                                                                                                 | 0.1 (1.3%)                                                                              | -                                                                             | Minor adjustment to driveway access at Range Road                                                                                                                                  |



## Impact of property acquisition

The project as described in the EIS would require the demolition of nine dwellings located on rural and rural-residential properties to be acquired for the project. The proposed changes would require the demolition of one additional dwelling located on a rural residential property at Cecil Park. This increases the total number of dwellings to be demolished for the project to 10 dwellings.

Potential impacts associated with property acquisition would generally be consistent with those described in the EIS and would mainly relate to disruption of social networks and community relationships, loss of family heritage and potential stress and anxiety for residents associated with the changes.

## Other property impacts

In addition to local road changes already described in the EIS, the proposed amended project includes the realignment of Wallgrove Road to connect to Elizabeth Drive via Cecil Road. This would change access routes for properties at Wallgrove Road, potentially increasing travel distances to individual properties, by about 550 metres. Other property impacts that would result from the amended project would generally be consistent with the EIS.

TfNSW will continue to consult with property owners affected by partial acquisition and temporary lease arrangements about property access and property adjustments as the project progresses.

### 6.4.3.2 Construction impacts

Section 7.4.4 of the EIS identified the following socio-economic and land use impacts during construction:

- Land use impacts
- Water use impacts
- Population and demography
- Employment impacts
- Business and industry impacts
- Social infrastructure
- Community values
- Access and connectivity.

These were assessed in relation to the amended project. Where the amended project has changed the impacts to the list above, these are discussed in the sections below. Where the assessment has concluded that the amended project would be consistent with the construction impacts of the project as described in the EIS, these sections have not been repeated.

## Land use impacts

The amended construction footprint would directly impact about 441 hectares. This is an additional 87 hectares of land compared to the construction footprint as described in the EIS. **Table 6-31** summarises the construction impacts of the amended project on land use, and how it would change from the project as described in the EIS.

As described in **Table 6-31** urban land uses, urban land uses comprise the largest area of the additional land impacted by the construction of the amended project (about 39.2 hectares). This additional land use mainly comprises:

- Land used for resource and waste facilities at Clifton Avenue and Kemps Creek
- Land used for recreation at Luddenham Road, Luddenham and within the Western Sydney Parklands at Cecil Park.

The amended project would result in additional utility impacts, including electricity transmission lines, communications infrastructure, and water and gas pipelines. These services would be modified, protected or relocated during construction to minimise any service disruptions, in consultation with the relevant service provider to minimise any service disruptions. A summary of proposed utility modifications required for the amended project is provided in **Section 3.3.4**. TfNSW would continue to engage with utility providers to refine potential utility modifications and protection measures through the detailed design.

Potential impacts of the amended project on future growth and development for the Western Sydney Aerotropolis and Western Sydney Growth Area would be consistent with those described in the EIS.

Table 6-31 Summary of construction impacts on land use

| Land use                            | Construction footprint as per EIS (hectares) | Amended construction footprint (hectares) | Difference (hectares) |
|-------------------------------------|----------------------------------------------|-------------------------------------------|-----------------------|
| <b>Rural and agricultural uses</b>  | <b>223.9</b>                                 | <b>253.2</b>                              | <b>29.3</b>           |
| Grazing                             | 168.1                                        | 184.5                                     | 16.4                  |
| Intensive agriculture               | 15.0                                         | 15.0                                      | 0.0                   |
| Rural                               | 25.8                                         | 26.2                                      | 0.4                   |
| Rural residential                   | 15.0                                         | 27.5                                      | 12.5                  |
| <b>Environmental areas</b>          | <b>3.0</b>                                   | <b>3.1</b>                                | <b>0.1</b>            |
| Watercourse or water infrastructure | 3.0                                          | 3.1                                       | 0.1                   |
| <b>Urban</b>                        | <b>72.8</b>                                  | <b>112.0</b>                              | <b>39.2</b>           |
| Commercial/ industrial              | 11.8                                         | 17.2                                      | 5.4                   |
| Resource and waste facility         | 9.9                                          | 23.6                                      | 13.7                  |
| Recreation use                      | 51.1                                         | 71.2                                      | 20.1                  |
| <b>Infrastructure</b>               | <b>54.6</b>                                  | <b>72.8</b>                               | <b>18.2</b>           |
| Roads and transport                 | 54.6                                         | 72.8                                      | 18.2                  |
| <b>Total land affected</b>          | <b>354.3</b>                                 | <b>441.1</b>                              | <b>86.8</b>           |



## Water use impacts

Consistent with the project as described in the EIS, a combination of potable mains supply and recycled water would be required during construction of the amended project. The estimated total water use during construction would be 822 megalitres (ML). This is an increase of about 22 per cent from the 676 ML required for the project as described in the EIS. As indicated in the EIS, strategies would be implemented to reduce reliance on potable water and identify opportunities for using recycled water where feasible.

## Population and demography

It was determined that the proposed construction updates for the amended project would not result in a substantial change to the nature of the population and demography impacts identified in the EIS. As a result, potential impacts on population and demography during construction of the amended project would be consistent with those described in the EIS.

## Employment impacts

It was determined that the proposed construction updates for the amended project would not result in a substantial change to the nature of the employment impacts identified in the EIS. As a result, potential impacts on employment during construction of the amended project would be consistent with those described in the EIS.

## Business and industry impacts

No additional businesses would be directly affected by the amended project. Three businesses, however, would incur additional impacts:

- B18; TreeServe:
  - About 0.8 hectares of the property would be permanently acquired by the project as described in the EIS.
  - The amended project would use the total land accommodating this business as a construction ancillary facility (AF 12), which could result in a potential temporary relocation of the business to an alternate site. As a result, about 12.0 hectares of the property would be impacted by the construction of the amended project.
  - It is noted that this business approached TfNSW about utilising the site as an ancillary facility and that TfNSW would continue to consult and negotiate with the property owner about arrangements for an ancillary facility on this property.
- B20; Farm (Salisbury Avenue)
  - The amended project would impact an additional 0.2 hectares as a temporary lease during construction, resulting in a total of 0.4 hectares (25 per cent of site) being impacted. This change during construction would result in the dam on-site being in-filled and removal of additional two shade house structures from that described in the EIS (up to five in total).
- B28; Bara Lodge (Horse training facility)
  - The property accommodating this business would be totally acquired by TfNSW for the operational footprint and establishment of a construction ancillary facility (AF 13). As a result, about 2.2 hectares of the property would be impacted by the construction of the amended project. This is an increase from the 1.0 hectares that would be impacted by the project as described in the EIS. This would also potentially result in temporary disruptions to business operations, including re-establishment costs.

The potential impacts on the other businesses directly affected by the amended project would be consistent with the EIS.

The expansion of the construction ancillary facility within the Western Sydney Parklands at Cecil Park (AF 9) has the potential to disrupt amenity for users of Calmsley Hill City Farm, which is located about 270 metres east of AF 9. Calmsley Hill City Farm is an interactive farm that offers visitors the opportunity to interact with a range of native and farm yard animals. Increased noise and dust from construction activities has potential to impact on the farm's business operations, by reducing its attractiveness for such things as private functions and location filming.

The proposed changes would require the temporary lease of additional agricultural land for the construction of the amended project. Additional impact on agricultural land would mainly be associated with:

- Refinements to the construction footprint to fully incorporate farm dams and structures such as sheds and shade houses, that were previously identified as being partly impacted by the project as described in the EIS
- Establishment of additional construction ancillary facilities.

The amended project would require the temporary lease of two properties that are currently used for agricultural or rural uses that were not previously impacted by the project as described in the EIS. This includes land used for the agistment of horses at Salisbury Avenue and rural land within the Western Sydney Parklands.

The establishment of additional construction ancillary facilities would directly impact on farm infrastructure such as fencing, dams, sheds and other structures. In particular:

- Two rural properties within the Western Sydney Parklands have dams within the amended construction footprint, that were not affected by the project as described in the EIS. A total of nine properties that have farm dams would be impacted by the amended project.
- About three properties have sheds impacted by the amended construction footprint that were not affected by the project as described in the EIS. A total of 11 properties with sheds would be impacted by the amended project.
- The amended construction footprint would impact additional horticultural gardens, shade houses and orchard trees not affected by the project as described in the EIS on two properties. A total of five properties with horticultural gardens, shade houses and orchard trees would be impacted by the amended project.

## Social infrastructure

### Directly affected social infrastructure

No additional social infrastructure would be directly affected by the amended project. The proposed changes, however, would result in additional impacts on land within the Western Sydney Parklands associated with:

- The establishment of construction ancillary facilities, including on the existing car park area at the Wylde Mountain Bike Trail and rural land at Cecil Park and Horsely Park / Abbotsbury
- The Elizabeth Drive connections and local road changes across the proposed M12 Motorway operational footprint connecting Range Road to Elizabeth Drive, at Cecil Hills. This would result in the permanent loss of a small area of additional land adjacent to the amended operational footprint, although this is not expected to have any additional impacts to those of the project as described in the EIS.

As indicated in the EIS, redesign and relocation of the Wylde Mountain Bike Trail would take place before the start of construction. This would allow access to the trails and other facilities to be maintained during construction and help reduce disruptions to users.

The use of the existing Wylde Mountain Bike Trail car park for construction would not impact on the use of the trail during construction.

Non-recreational land (for example rural and rural residential uses) owned by the Western Sydney Parklands Trust would also be directly affected by local road changes at Wallgrove Road and Cecil Road for the amended project.

The total area of land managed by the Western Sydney Parklands Trust impacted by the amended project would be 81.1 hectares, of which 24.7 hectares is for the construction phase only. This comprises land used for both recreational and non-recreational purposes (eg rural residential and agriculture) and represents a total increase from the EIS of 28.5 hectares (13.9 hectares of which is for the construction phase only). Land required for the construction phase only will be reinstated to its existing use following construction.

### **Social infrastructure in the primary study area**

As described in the EIS, some social infrastructure in the primary study area may experience impacts due to the proximity of these facilities to the project. During construction, potential impacts on social infrastructure in the primary study area from the amended project would be consistent with those identified in the EIS and would mainly relate to amenity impacts from increased noise, dust and construction traffic, and access changes.

The establishment of additional construction ancillary facilities near existing social infrastructure (see **Figure 6-26**) has potential to increase disruptions and amenity impacts for users of this infrastructure, specifically:

- Luddenham Raceway, approximately 450 metres from AF 11
- Muhammadi Welfare Association of Australia, which has a common fence with AF 12
- Kemps Creek Sporting and Bowling Club, which has a common fence with AF 15
- St Peter and Paul Assyrian Church approximately 170 metres from AF 17.

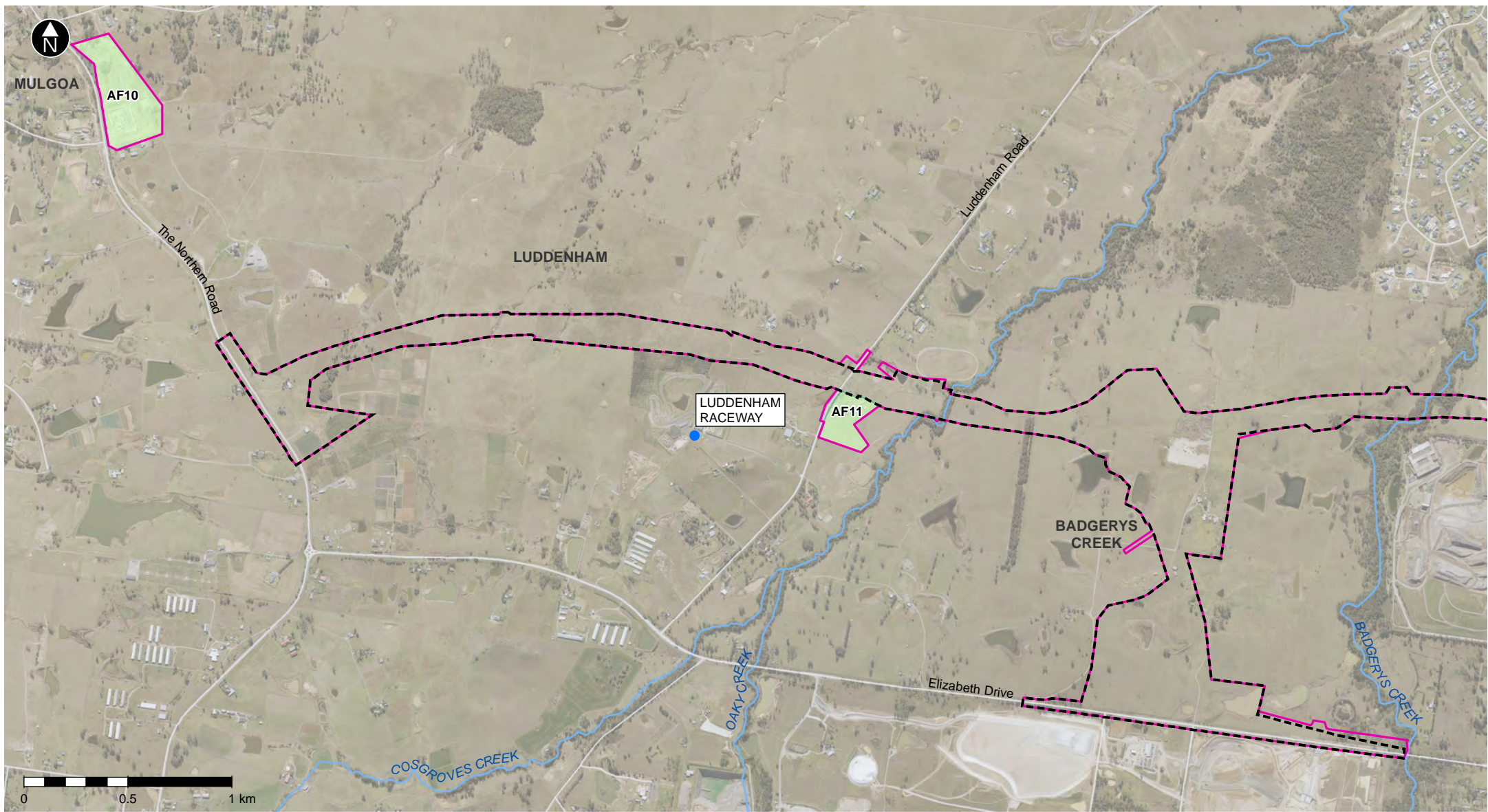
The establishment of a construction ancillary facility within the Western Sydney Parklands at Cecil Park (AF 9) has the potential to disrupt amenity for users of Calmsley Hill City Farm. The farm provides a range of formal and informal activities for visitors. Increased noise and dust from construction activities has the potential to reduce amenity of the farm, particularly within outdoor areas, impacting on the use and enjoyment of the farm for visitors and possibly deterring some people from visiting the farm. Environmental management measures would be implemented at the construction ancillary facility to assist in managing potential impacts on the farm operations and users of the facility.

### **Community values**

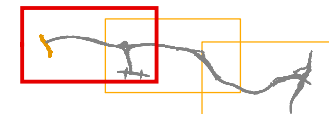
The proposed changes, including local road changes and establishment of additional construction ancillary facilities, have the potential to increase impacts on local amenity and character for some communities, including:

- Residents of rural residential uses at Cecil Park, during construction of local road changes at Wallgrove Road and Cecil Road
- Rural and rural residential uses at Kemp Creek near the AF 13
- Users of community uses within the Western Sydney Parklands and at Elizabeth Drive and Clifton Avenue at Kemps Creek associated with the establishment of construction ancillary facilities.

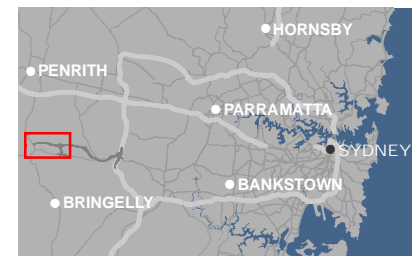




- The project construction footprint
- The amended project construction footprint
- Additional ancillary facilities
- ~~~~~ Waterways
- Motorway
- Existing roads
- Social infrastructure types**
- Sport, recreation and leisure facilities

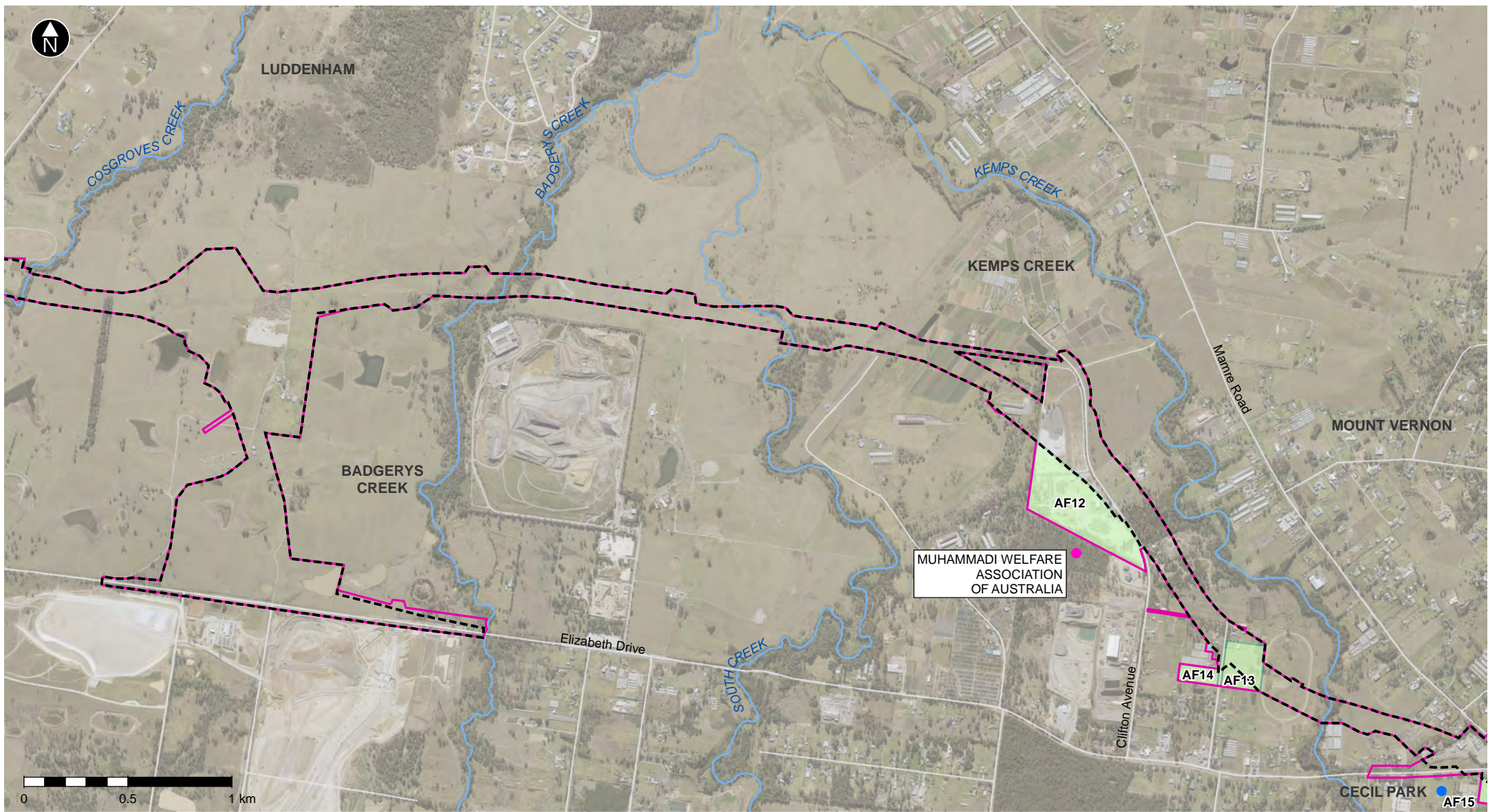


Page 1 of 3

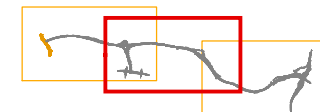


**Figure 6-26** Social infrastructure affected by increased construction impacts

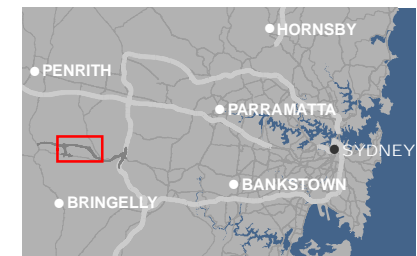




- |                                            |                |                                          |
|--------------------------------------------|----------------|------------------------------------------|
| The project construction footprint         | Waterways      | <b>Social infrastructure types</b>       |
| The amended project construction footprint | Motorway       | Sport, recreation and leisure facilities |
| Additional ancillary facilities            | Existing roads | Cultural facilities                      |

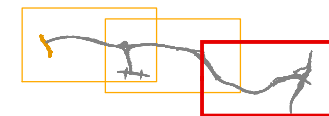
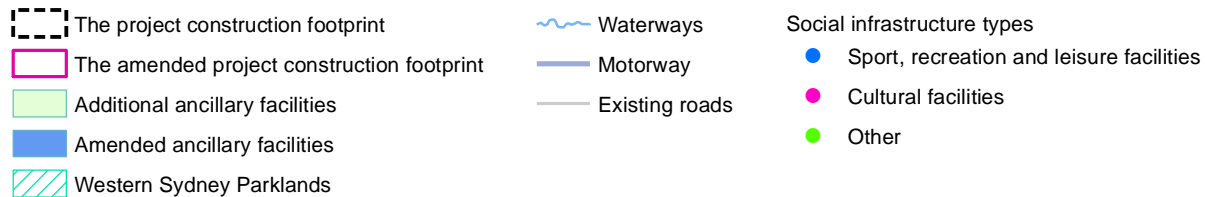
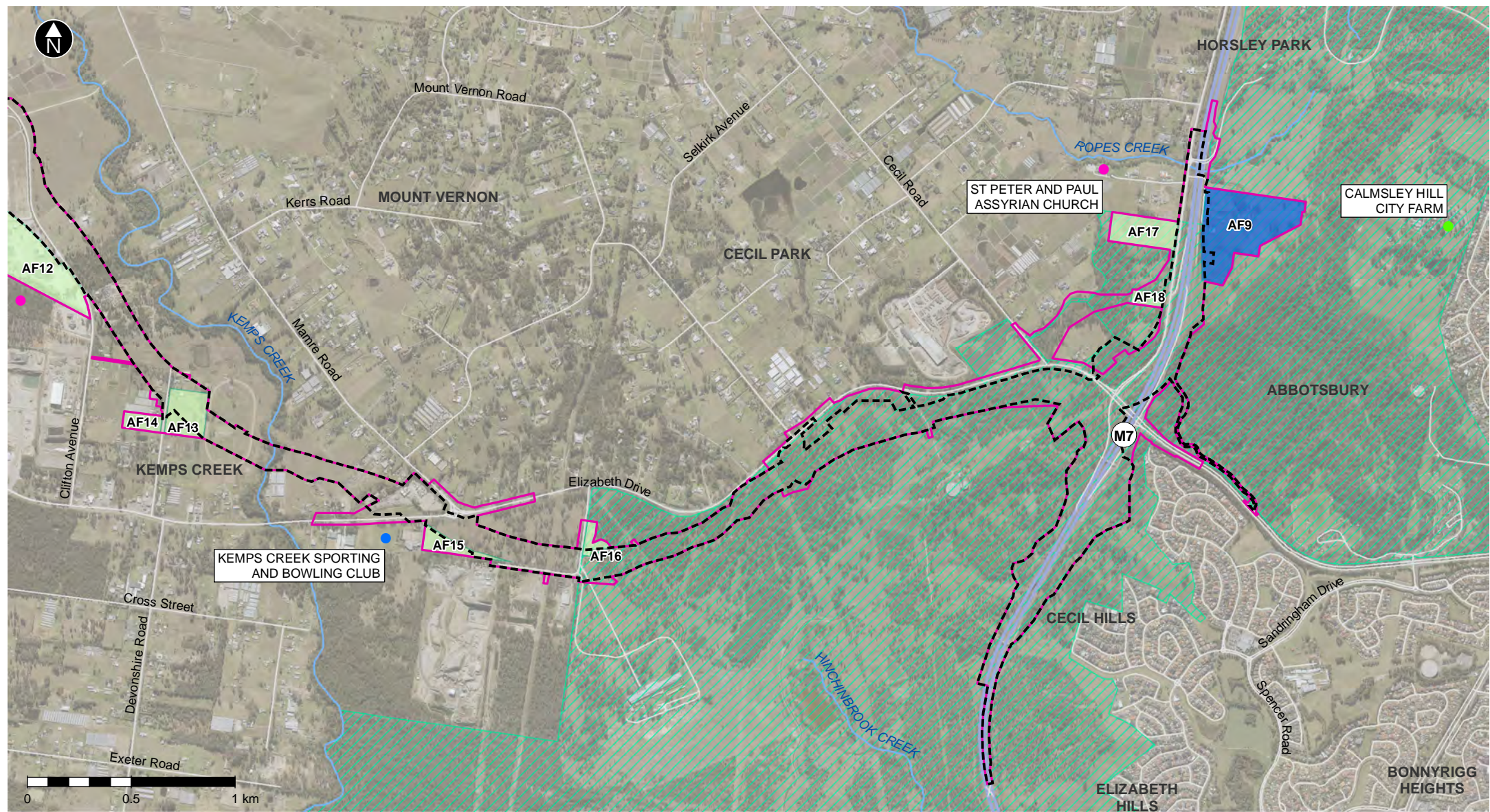


Page 2 of 3

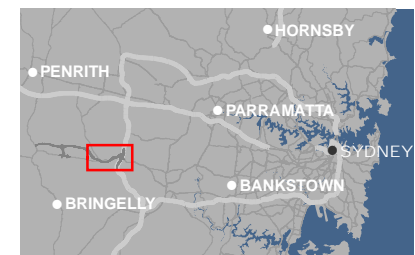


**Figure 6-26** Social infrastructure affected by increased construction impacts





Page 3 of 3



**Figure 6-26** Social infrastructure affected by increased construction impacts



The construction ancillary facility on the Northern Road (AF 10), which is currently being used for The Northern Road upgrade, also has potential to impact on amenity for residents of nearby rural residential properties at The Northern Road and Gates Road. Cumulative impacts are discussed further in **Section 6.4.4**.

The proposed changes would also require the clearing of additional vegetation (see **Section 6.1**), particularly within the Western Sydney Parklands at Cecil Park for the construction of the realigned Wallgrove Road. An increase in the area of bushland and vegetation required to be cleared for the amended project is likely to be a concern for community members, impacting on community values relating to the natural environment.

### Access and connectivity

In addition to the bus stop changes as a result of the project as described in the EIS, existing bus stops at Cecil Road and Elizabeth Drive may be affected by construction activities at the Cecil Road and Elizabeth Drive intersection, possibly requiring their temporary relocation. Potential impacts of these changes on bus users are expected to be consistent with those described in the EIS.

#### 6.4.3.3 Operational impacts

Section 7.4.4 of the EIS identified the following types of socio-economic, property and land use impacts during operation:

- Land use impacts
- Water use impacts
- Population and demography
- Employment impacts
- Business and industry impacts
- Social infrastructure
- Community values
- Access and connectivity.

Where the amended project has changed the impacts to the list above, these are discussed in the sections below. Where the amended project is consistent with the operational impacts documented in the EIS, these sections have not been repeated.

### Land use impacts

About 290.53 hectares of land would be impacted during operation of the project as described in the EIS. The amended project would impact about 316.8 hectares, an additional 32 hectares of land from that described in the EIS. This would be mainly comprised of land owned used for roads and transport, rural and agricultural uses and recreational uses. A breakdown of impacted land use as a result of proposed changes is provided in **Table 6-32**.

Table 6-32 Summary of operational impacts on land use

| Land use                            | Operational footprint as per EIS (hectares) | Amended operational footprint (hectares) | Difference (hectares) |
|-------------------------------------|---------------------------------------------|------------------------------------------|-----------------------|
| <b>Rural and agricultural uses</b>  | <b>174.5</b>                                | <b>182.7</b>                             | <b>8.2</b>            |
| Grazing                             | 126.5                                       | 129.6                                    | 3.1                   |
| Intensive agriculture               | 7.8                                         | 7.8                                      | 0                     |
| Rural                               | 25.2                                        | 25.2                                     | 0                     |
| Rural residential                   | 15.0                                        | 20.1                                     | 5.1                   |
| <b>Environmental areas</b>          | <b>2.8</b>                                  | <b>2.9</b>                               | <b>0.1</b>            |
| Watercourse or water infrastructure | 2.8                                         | 2.9                                      | 0.1                   |
| <b>Urban</b>                        | <b>60.2</b>                                 | <b>66.9</b>                              | <b>6.7</b>            |
| Commercial/ industrial              | 9.5                                         | 9.5                                      | 0                     |
| Resource and waste facility         | 6.9                                         | 6.9                                      | 0                     |
| Recreation use                      | 43.8                                        | 50.5                                     | 6.7                   |
| <b>Infrastructure</b>               | <b>53.2</b>                                 | <b>64.4</b>                              | <b>11.2</b>           |
| Roads and transport                 | 53.2                                        | 64.4                                     | 11.2                  |
| <b>Total</b>                        | <b>290.7</b>                                | <b>316.9</b>                             | <b>26.2</b>           |

### Water use impacts

It was determined that the proposed changes for the amended project would not result in a substantial change to the nature of the operational water use impacts identified in the EIS. Potential water use impacts associated with the operation of the amended project would be consistent with those described in the EIS.

### Population and demography

It was determined that the proposed changes for the amended project would not result in a substantial change to the nature of the population and demography impacts identified in the EIS. As a result, potential impacts on population and demography during operation of the amended project would be consistent with those described in the EIS.

### Employment impacts

The acquisition or temporary lease of additional commercial land for the amended project has the potential to result in further impacts on local employment. This would be associated with the additional two businesses (B18 Tree Serve and B28 Bara Lodge) that may be required to temporarily or permanently relocate from their current location. Potential impacts on employees would be similar to those for the project as described in the EIS.

## Business and industry impacts

The amended project may require the temporary lease of whole site of one business (BR18, Tree Serve) that was previously identified in the EIS for partial acquisition. The temporary lease of whole site would result in operations temporarily ceasing at this location. It is noted that this business approached TfNSW about utilising the site as an ancillary facility and that TfNSW will continue to consult and negotiate with the property owner about arrangements for an ancillary facility on this property. Impacts on other directly affected businesses from the operation of the amended project would be consistent with those for the project as described in the EIS.

Local road changes at Wallgrove Road and Cecil Road are not expected to result in any substantial changes to access for businesses at Wallgrove Road.

## Community values

Potential impacts of the operation of the amended project on community values relating to local amenity and character, community cohesion and community health and well-being, and the natural environment are generally expected to be consistent with those for the project as described in the EIS.

Changes to impacts on community values as a result of the operation of the amended project would mainly be associated with local road changes at Wallgrove Road and Cecil Road. The realignment of Wallgrove Road and changes to the intersection with Cecil Road would result in the operational footprint being located closer to rural residential properties at Cecil Road, potentially impacting on the amenity for residents of these houses.

The amended project would also result in existing rural residential properties at Cecil Park to be isolated between the M7 Motorway and Wallgrove Road. This would potentially reduce amenity for residents of these properties. Some land in this area is proposed to be developed for higher-density residential uses. TfNSW is currently consulting with the developer of this property about potential implications and management measures.

For many locations in the primary study area, amenity impacts due to road traffic noise from the amended project would be similar to those described in the EIS, although reduced amenity would occur at some residential uses that were not previously identified as being affected by road traffic noise in the EIS. Residential receivers most likely to be affected by reductions in amenity from the amended project are located near the realigned section of Wallgrove Road and Duff Road at Cecil Park, and near Salisbury Avenue at Kemps Creek. Noise mitigation options, including noise barriers, will be determined during detailed design as described in **Appendix G**. The amended project is not expected to result in any substantial change in local or regional air quality from what was determined for the project as described in the EIS. Further information on operational air quality is **Appendix L**.

The amended project is not expected to result in any substantial change in local or regional air quality from what was determined for the project as described in the EIS.

## Access and connectivity

The realignment of Wallgrove Road to connect to Elizabeth Drive via Cecil Road would change access routes for properties at Wallgrove Road. This would increase travel distance for some motorists by up to about 550 metres. This is not expected to increase travel times, but may be an inconvenience for some motorists.

The amended project would provide improved access to the Western Sydney Aerotropolis through the provision of two intersections at Elizabeth Drive. The intersections would also support improved access to future developments north of Elizabeth Drive.



TfNSW has participated in regular consultation with the Western Sydney Planning Partnership to discuss district plans. This included how best to integrate the development of transport projects with the Western Sydney Planning Partnership's strategic planning for the Western Parkland City. TfNSW would continue to work with the Western Sydney Planning Partnership and the strategic planning divisions within DPIE to integrate the M12 Motorway and the arterial roads with the future local road network. TfNSW is committed to ongoing consultation with the Western Sydney Planning Partnership during the detailed design phase of the project.

#### 6.4.4 Cumulative impact

The main change to cumulative impacts of the amended project from that described in the EIS (see Section 7.4.5 of the EIS) would relate to the use of the construction ancillary facility on The Northern Road at Luddenham (AF 10) that is currently being used for construction of The Northern Road upgrade.

The use of this site for the amended project would prolong the duration of construction activities in this location by about four years extending possible disruptions for residents of nearby rural residential properties at Gates Road and The Northern Road associated with construction noise, dust and traffic. This has potential to result in construction fatigue for some community members and possibly impact on the health and well-being of some residents. As indicated in the EIS (see Section 7.4 of the EIS), construction fatigue would be managed in accordance with the Construction Fatigue Protocol to be prepared for the project as part of the Community Communication Strategy.

Elsewhere, cumulative socio-economic impacts are generally consistent with those described in the EIS.

#### 6.4.5 Environmental management measures

The environmental management measures identified in Section 7.4.6 of the EIS are therefore considered appropriate to manage the socio-economic, land use and property impacts associated with the amended project. The proposed changes would not require any additional or amended environmental management measures.