

Subject	Response to DPIE Request for Additional Information_10092021_042550	Project Name	Liddell Battery and Bayswater Ancillary Works Project (SSD-8889679)
Attention	Mr Jack Turner	Project No.	IS334000
From	Thomas Muddle		
Date	17 September 2021		

The Department of Planning, Industry and Environment has requested that AGL provide the following figures for inclusion in the Department's Assessment Report and in draft conditions:

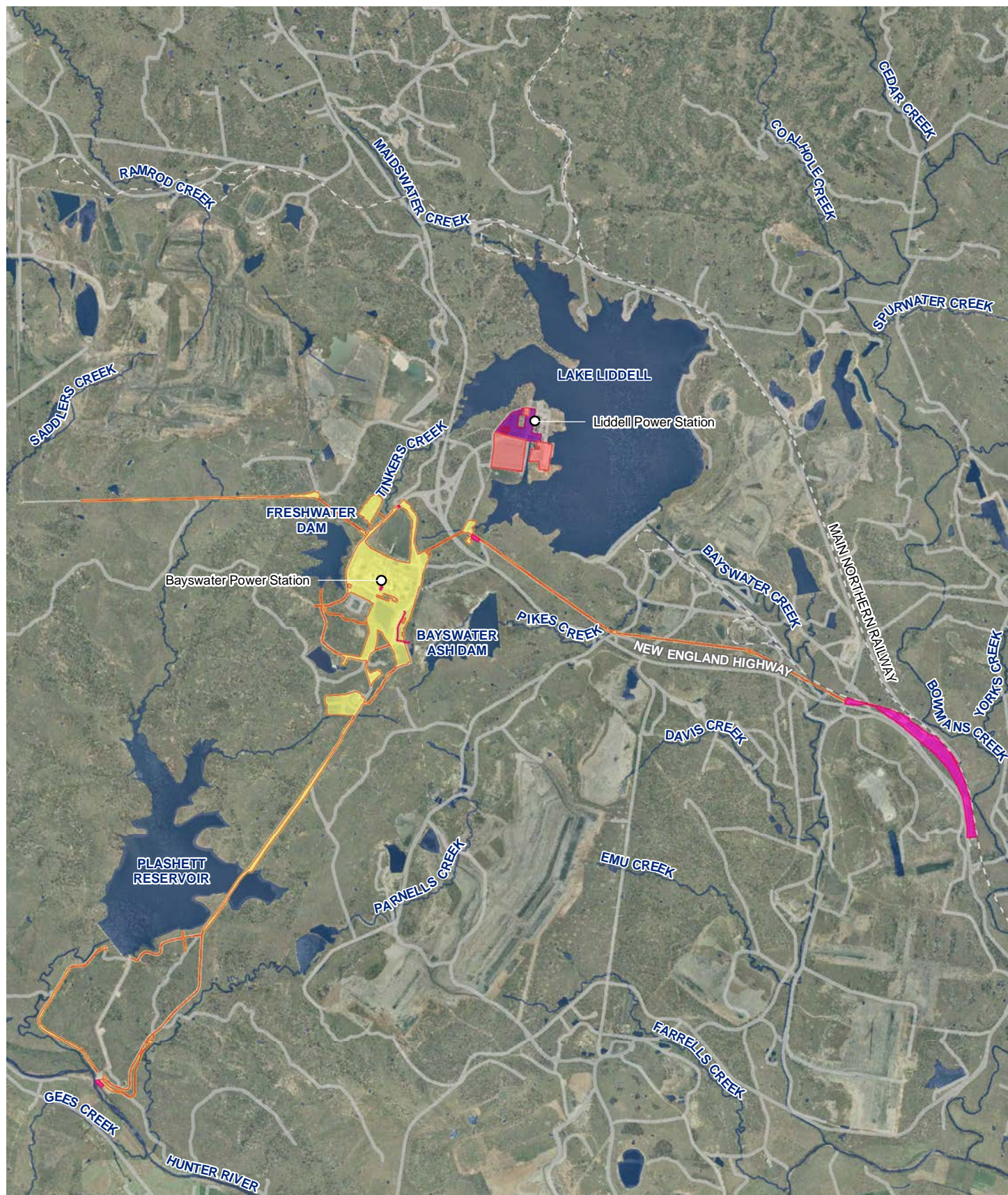
- Updated project overview figure of the amended project
- The general layout of the development, including:
  - A continuous red line outlining all areas subject to the approval (including battery, decoupling, Bayswater ancillary works and consolidated consents).
  - Shading identifying the four project areas as described above
  - Labelling limited to:
    - Liddell Power Station
    - Bayswater Power Station
    - New England Highway
    - Main Northern Line
    - Waterways
- Biodiversity offsets, including:
  - Text and shading to identify the three offset stage areas.
  - Labelling consistent with the above (as visible in the figure)
- Native vegetation unlikely to be impacted, including:
- Shading identifying areas of native vegetation that are likely or unlikely to be cleared as per Table 14 of the BDAR.

Figures addressing these requests are attached as both high-level overview and in figure series noting that updated Project overview is the same as the general layout figure.

In updating figures, an error has been identified in how the likely verses unlikely Species Impact credits have been calculated for the Liddell Battery and Decoupling stages of the Project. This has arisen from the assumption of presence of stripped legless lizard which now generates a credit obligation in the low condition PCT 1691 Regrowth. It had been assumed that all PCTs generating credit obligations within the Battery and Decoupling stages would be avoidable and as such all credits were identified in Table 14.1 of the BDAR as unlikely to be impacted. With Species Impact credits generated from the low vegetation integrity PCT1691 which occurs within the central portions of the solar array area and in the non-operational development land it is now considered less likely that all Species Impact credits for striped legless lizard would be avoided. Table 14.1 is as such updated and reproduced below.

Table 14.1 Credit requirements for each stage of Project

Stage of Development	PCT 1691 Moderate Credits	PCT 1691 Rehabilitation Credits	PCT 1691 Native Grassland Credits	PCT 1731 Moderate_Good Credits	PCT 1692 Moderate_Good Credits	PCT 1071 Moderate Credits	Southern Myotis credits	Striped Legless Lizard credits
Battery	-	57 (57)	-	1 (1)	-	-	37 (37)	32 (25)
Decoupling	2	3 (3)	-	-	-	-	2 (2)	4 (4)
BAW	36 (17.5)	126 (71.5)	24 (0)	6 (0)	17 (1.3)	82(0)	157 (32.9)	243 (61)
Total credits	38	186	24	7	17	82	196	279



#### Legend

- |  |   |
|--|---|
| <span style="border: 1px solid red; display: inline-block; width: 20px; height: 10px;"></span> Project area                  | <span style="border-bottom: 1px dashed black; display: inline-block; width: 20px;"></span> Railway        |
| <span style="background-color: yellow; display: inline-block; width: 20px; height: 10px;"></span> Project area               | <span style="border-bottom: 1px solid grey; display: inline-block; width: 20px;"></span> Road             |
| <span style="background-color: yellow; display: inline-block; width: 20px; height: 10px;"></span> Bayswater ancillary works  | <span style="border-bottom: 1px solid blue; display: inline-block; width: 20px;"></span> Waterway         |
| <span style="background-color: red; display: inline-block; width: 20px; height: 10px;"></span> Battery energy storage system | <span style="background-color: blue; display: inline-block; width: 20px; height: 10px;"></span> Waterbody |
| <span style="background-color: purple; display: inline-block; width: 20px; height: 10px;"></span> Decoupling area            |   |
| <span style="background-color: pink; display: inline-block; width: 20px; height: 10px;"></span> Consolidated consent         |   |

0 1 2km  
1:90,000 at A4



#### Data sources

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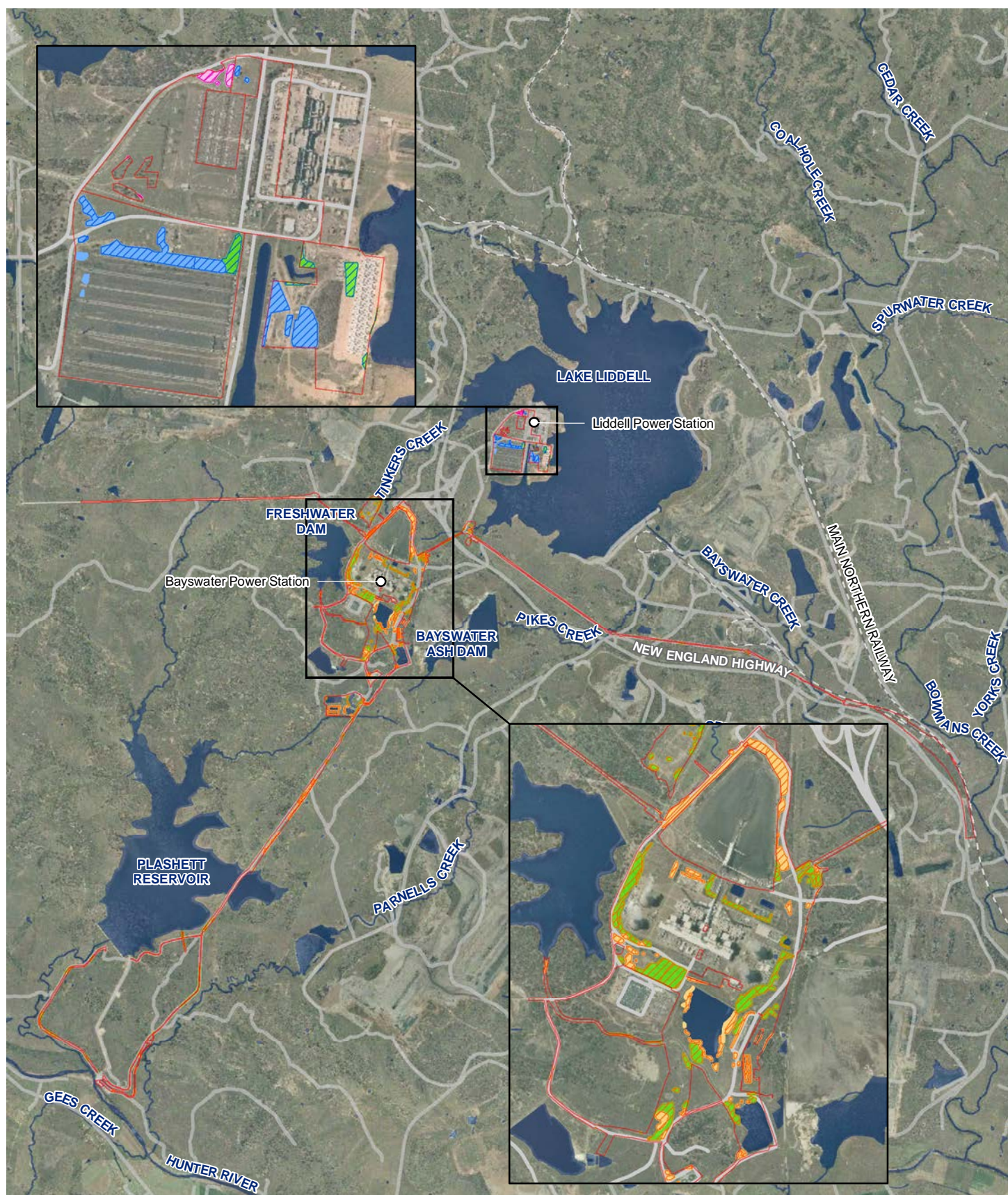
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**Figure 1** The general layout of the development





#### Legend

Project area

Native PCT - no PCT offset required

#### Species impact offset required

Battery energy storage system

Bayswater ancillary works

Decoupling area

#### Native PCT - offset required

Battery energy storage system

Bayswater ancillary works

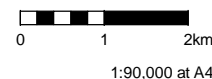
Decoupling area

Railway

Road

Waterway

Waterbody



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**Figure 2** Biodiversity offsets





Legend

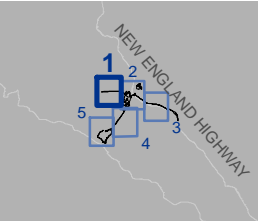
- Project area
- Road
- Waterway
- Waterbody



Data sources

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**Figure 2.1** Biodiversity offsets





## Legend

Project area

Native PCT - no PCT offset required

## Species impact offset required

Battery energy storage system

Bayswater ancillary works

Decoupling area

## Native PCT - offset required

Battery energy storage system

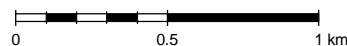
Bayswater ancillary works

Decoupling area

Road

Waterway

Waterbody



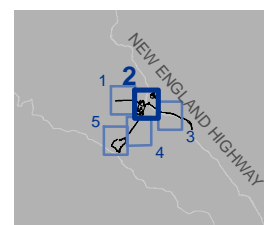
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**Figure 2.2** Biodiversity offsets





#### Legend

Project area

Native PCT - no PCT offset required

**Species impact offset required**

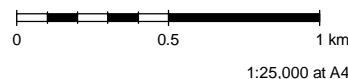
Bayswater ancillary works

Road

Railway

Waterway

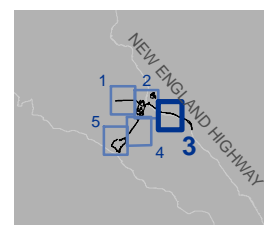
Waterbody



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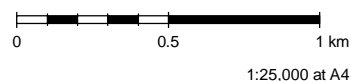
**Figure 2.3** Biodiversity offsets





#### Legend

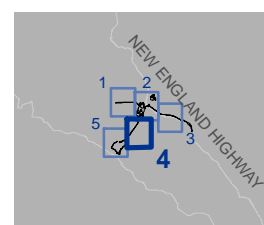
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|   | <span style="background-color: #FFA500; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Native PCT - offset required        |   | <span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> Waterway                                     |
|   |   | <span style="background-color: #FFD700; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Bayswater ancillary works | <span style="background-color: #4682B4; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Waterbody |



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**Figure 2.4** Biodiversity offsets





**Legend**

Project area

Native PCT - no PCT offset required

Species impact offset required

Native PCT - offset required

Bayswater ancillary works

Road

Waterway

Waterbody

0 0.5 1 km

1:25,000 at A4

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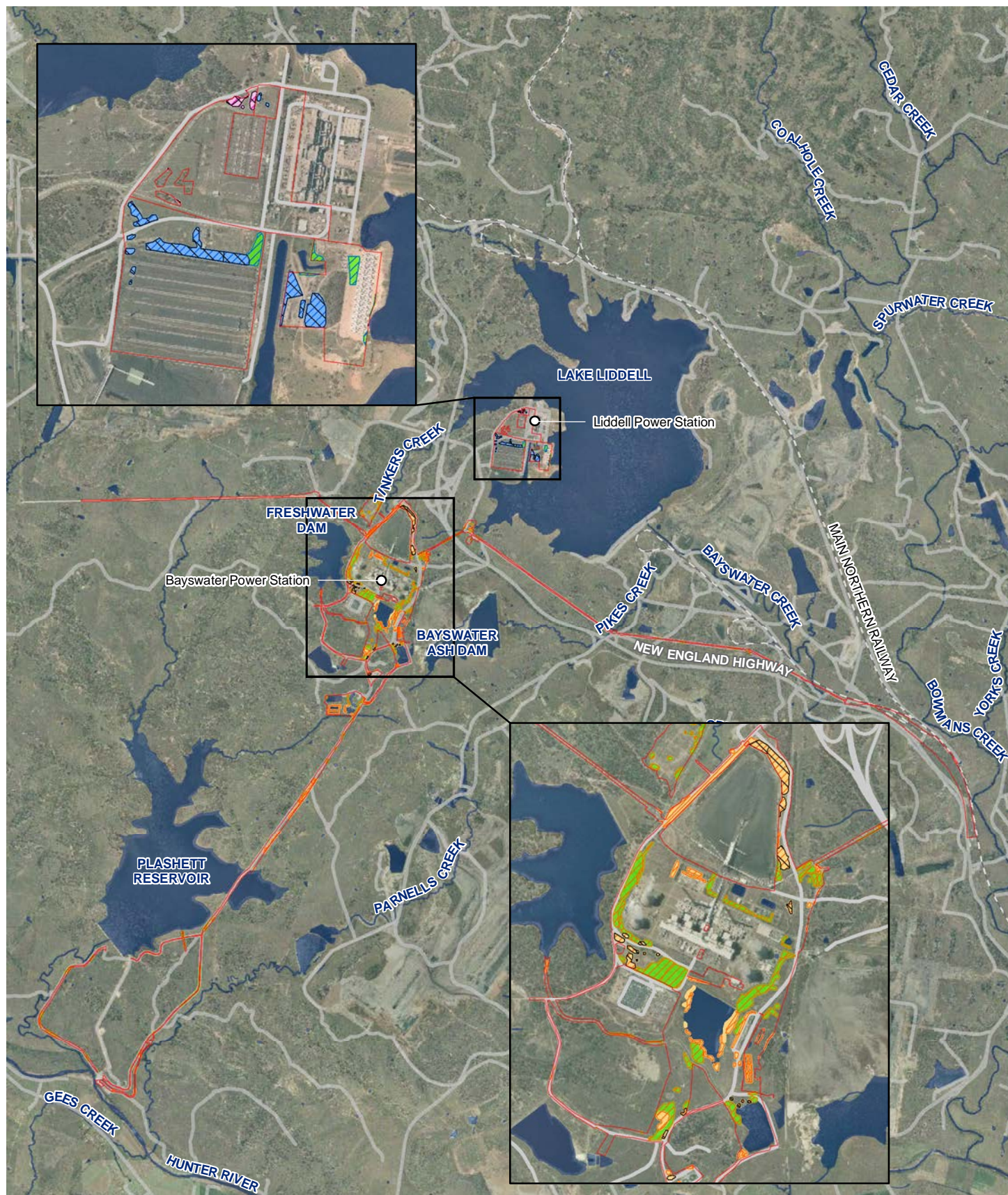
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**Figure 2.5** Biodiversity offsets

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Date: 17/09/2021 Path: J:\04\_Eastern\IS334000\22\_Spatial\GIS\Directory\Templates\Figures\RF1\_AdditionalInformation\IS334000\_GIS\_F002\_BiodiversityOffsets\_MapSeries\_r1v2.mxd Created by: NT | QA by: SR





#### Legend

Project area

Native vegetation unlikely to be impacted

Native PCT - no PCT offset required

#### Species impact offset required

Battery energy storage system

Bayswater ancillary works

Decoupling area

#### Native PCT - offset required

Battery energy storage system

Bayswater ancillary works

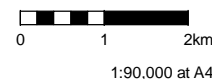
Decoupling area

Railway

Road

Waterway

Waterbody



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**Figure 3** Native vegetation unlikely to be impacted

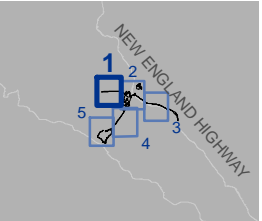




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**Figure 3.1** Native vegetation unlikely to be impacted





#### Legend

- Project area
- Native PCT - no PCT offset required
- Native vegetation unlikely to be impacted

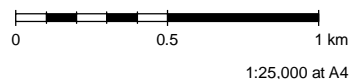
#### Species impact offset required

- Battery energy storage system
- Bayswater ancillary works
- Decoupling area

#### Native PCT - offset required

- Battery energy storage system
- Bayswater ancillary works
- Decoupling area

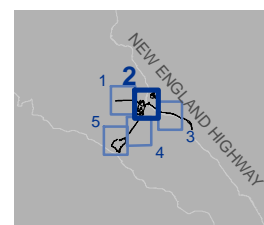
- Road
- Waterway
- Waterbody



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**Figure 3.2** Native vegetation unlikely to be impacted





#### Legend

Project area

Native PCT - no PCT offset required

**Species impact offset required**

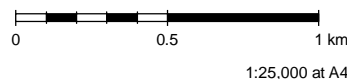
Bayswater ancillary works

Road

Railway

Waterway

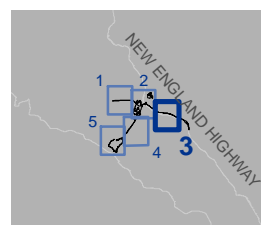
Waterbody



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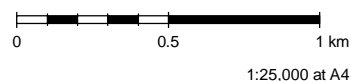
**Figure 3.3** Native vegetation unlikely to be impacted





#### Legend

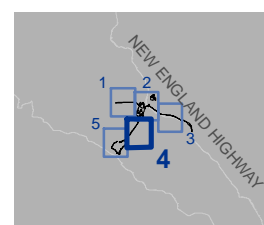
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|---|---|---|---|
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|   | <span style="background-color: #FFD700; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Native PCT - offset required        | <span style="background-color: #FFD700; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Bayswater ancillary works | <span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> Waterway                                     |
|   |   |   | <span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Waterbody |



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**Figure 3.4** Native vegetation unlikely to be impacted





#### Legend

Project area

Native PCT - no PCT offset required

**Species impact offset required**

Bayswater ancillary works

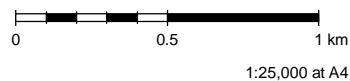
**Native PCT - offset required**

Bayswater ancillary works

Road

Waterway

Waterbody



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**Figure 3.5** Native vegetation unlikely to be impacted