# 35 Impacts to Nature

Nature

## Submission information

Provide the following information for the submission

|  |  |
| --- | --- |
| **Submission type** | Choose an item. |
| **Performance level targeted** | [ ]  Minimum Expectation |
| [ ]  Credit Achievement |
| **Points Targeted** | Click or tap here to enter text. |

#### Technical Questions

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| There are project-specific technical questions for this credit and all responses received from the NZGBC are included in the submission. | Choose an item. |

#### Discussion

Narratives will help the Assessors understand how the project complies with the credit. Please include a narrative below, but note that simply listing the credit requirements is not helpful. Instead, outline any other issues that need to be considered by the Assessment Panel.

Click or tap here to enter text.

#### Changes between Rounds

If applicable, please use the text box below to explain any changes between Round 1 and Round 2. This is an opportunity for the GSAP to describe how they have addressed the Assessors comments in Round 2.

Click or tap here to enter text.

## Submission template

### Minimum Expectation

#### Site Ecological Value

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| **At the date of purchase or option contract, land clearing does not occur on the site as a result of the building, infrastructure, or construction works on the following:** |
| * Native forest
 | Choose an item. |
| * Highly productive land
 | Choose an item. |
| * Natural wetlands, lakes, and rivers
 | Choose an item. |
| * Land containing significant indigenous vegetation, naturally uncommon ecosystems, or significant habitats for indigenous flora & fauna – especially for any nationally threatened species or organisms.
 | Choose an item. |
| * Any legally protected area defined under the Conservation Act 1987, Reserves Act1977, QEII National Trust Act 1977, or RMA Section 108 (1), (c) and (d).
 | Choose an item. |
| * Where mapped, any Significant Natural or Significant Ecological Areas as designated by Councils.
 | Choose an item. |
| **The project site is adjacent, within 100 meters, or contains the above and these are being protected.** | Choose an item. |
| **Construction and future operations of the site have taken measures to reduce their impact to the above (old growth forest, prime agricultural land, wetland listed as high national important, or 'matters of national environmental significance) as follows:** |
| * Waterway Protection Credit Achievement and the Credit Achievement for this credit (Impacts to Nature) has been met
 | Choose an item. |
| * Credit Achievement for this credit (Impacts to Nature) has been met
 | Choose an item. |
| * The light pollution impacts are managed
 | Choose an item. |
| * Where the site is next to a wetland, Wetland Protection Measures have been put into place
 | Choose an item. |

#### Supporting documentation

Identify where evidence supporting the information provided can be found in the documentation.

|  |  |  |
| --- | --- | --- |
| Document name | Document description | Page number(s) |
| Click or tap here to enter text. | Click or tap here to enter text. | Click or tap here to enter text. |
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#### Managing Light Pollution Impacts

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| **All outdoor lighting complies with AS/NZS 4282:2023.** | Choose an item. |
| **Provide evidence that all outdoor lighting within the site boundary is compliant with pre- and post-curfew requirements.** | Click or tap here to enter text. |
| **Select one of the following specified reductions in light pollution that has been achieved by the project:** | Choose an item. |
| **No external luminaire on the project has a ULOR that exceeds 5%, relative to its actual mounted orientation.** | Choose an item. |
| * Demonstrate that the ULOR provided or calculated in the documentation is relevant to the as-installed orientation of the luminaire.

Click or tap here to enter text. |
| **Direct illuminance from external luminaires on the project produces a maximum initial point illuminance value no greater than:**  |
| * 0.5 Lux to the site boundary
 | Choose an item. |
| * 0.1 Lux to 4.5 metres beyond the site into the night sky, when modelled using a calculation plane set at the highest point of the building
 | Choose an item. |
| * Calculations of direct illuminance are in accordance with AS/NZS 4282:2023.
 | Choose an item. |
| **Outline the calculation planes used and the illumination results.**Click or tap here to enter text. |

#### Supporting documentation

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|  |  |  |
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#### Sensitive Ecosystem Management Plan

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| **A site-specific Sensitive Ecosystem (including wetlands) Management Plan was prepared by a qualified Ecologist or other qualified professional.** | Choose an item. |
| **Indicate where the following requirements have been met in the wetland management plan (provide references to documentation):** |
| * Ongoing quarterly monitoring
 | Click or tap here to enter text. |
| * Annual reporting
 | Click or tap here to enter text. |
| * Management of the ecosystem for a minimum of five years
 | Click or tap here to enter text. |
| **Demonstrate that the plan was exhibited to the public on the applicant's website or the local council's offices or library for a minimum of 24 months.**Click or tap here to enter text. |

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### Credit Achievement

#### Protecting Ecological Values

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| **A pre-development site ecological value assessment is undertaken by a suitably qualified ecologist.** Click or tap here to enter text. |
| **Outline the current, future and past ecological values on the site by type and biomass.**Click or tap here to enter text. |
| **Identify the referenced local, regional and national priorities and strategies.**Click or tap here to enter text. |
| **Outline any identified potential for any future ecological value to be incorporated on site.**Click or tap here to enter text. |
| **Identify the proportion of existing vegetated area being retained and the biodiversity value of this area.**Click or tap here to enter text. |
| **Identify the local and regional threats and mitigation requirements.**Click or tap here to enter text. |
| **Outline the active management strategies to be employed to protect the integrity of ecological values throughout the project planning, construction and occupancy.**Click or tap here to enter text. |
| **Outline the community engagement process, and the risks and opportunities to enhance the site.**Click or tap here to enter text. |
| **Outline the consultation outcomes detailed with local stakeholders including Aboriginal or Torres Strait Islander groups and environmental groups.**Click or tap here to enter text. |

#### Supporting documentation

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#### Retaining High Biodiversity Values

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| **An ecologist assessment has deemed the area of high biodiversity value.** | Choose an item. |
| * At least 50% of the area is retained contiguously.
 | Choose an item. |
| **Outline how the following impacts to nature and the community have been mitigated:** |
| * Light and noise pollution

Click or tap here to enter text. |
| * Habitat disturbance and connectivity

Click or tap here to enter text. |
| * On-site and downstream water quality

Click or tap here to enter text. |
| * Migratory paths of insects, birds or other species

Click or tap here to enter text. |
| * Two local issues appropriate to the project site

Click or tap here to enter text. |
| **An ecologist assessment has identified no existing biodiversity** | Choose an item. |
| **Outline how biodiversity value will be added to the site.**Click or tap here to enter text. |

#### Supporting documentation

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## Declaration

Provide the following details as confirmation that the information provided in this document is truthful and accurate at the time of completion.

|  |  |
| --- | --- |
| **Name** | Click or tap here to enter text. |
| **Position** | Click or tap here to enter text. |
| **Email** | Click or tap here to enter text. |
| **Date** | Click or tap to enter a date. |