# stormwater

### Credit 25

### Design Review Submission As Built Submission

|  |  |  |  |
| --- | --- | --- | --- |
| Total Points available: | 2 | Points claimed: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Criteria | Description | Points Available | Points Claimed |
| **25.1** | **Stormwater Peak Discharge** | The post-development peak event discharge from the site does not exceed the pre-development peak event discharge. | 1 |  |
| **25.2** | **Stormwater Pollution Targets** | The first criteria has been met and all stormwater discharged from site meets the specified Pollution Reduction Targets. | 1 |  |

## Project-specific technical questions (formerly tcs and cirs)

|  |  |
| --- | --- |
| There are no project-specific Technical Questions for this credit. |  |
| There are project-specific Technical Questions for this credit and all responses received from the NZGBC are attached. |  |

25 General

|  |  |
| --- | --- |
| Date the Resource Consent was issued. | xx/xx/xx |

Describe the site prior to the development of this project.

25.1 stormwater peak discharge

|  |  |
| --- | --- |
| The project has a low risk of increased rainfall and flooding during the design life of the project and has been designed for a 2 year ARI |  |
| The project has a medium or high risk of increased rainfall and flooding during the design life of the project and has been designed for a 5 year ARI |  |

Describe the assessment that has identified the rainfall and flooding risks for the project

|  |  |
| --- | --- |
| Pre-development peak discharge to stormwater network | [xx] |
| Post-development peak discharge to stormwater network | [xx] |

Describe the initiatives used in the design for the project site to reduce the peak discharge to the stormwater network.

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

25.2 stormwater pollution targets

|  |  |
| --- | --- |
| The project has targeted 25.1 – Stormwater Peak Discharge |  |
| 25.2.1 The project must meet the minimum reductions listed in Submission Guidelines when compared to untreated runoff. |  |
| 25.2.2 Modelling has been undertaken based on continuous simulation of catchment hydrology using models, parameters and methodologies in accordance with the relevant local government requirements. |  |

Describe the initiatives used in the design for the project site to reduce pollution.

|  |  |
| --- | --- |
| 25.2.1 Are targets for minimum reductions specified in the local legislation/regulations more stringent than those required in this credit? | [Y/N] |

If the answer is yes, please outline the targets in the local legislation/regulations.

Provide a summary of the qualified professionals who undertook the calculations and modelling.

The following Table lists pollution reduction targets achieved by this project:

| **Pollutant** | **Applicable to Project** | **Reduction Target (% of the typical urban annual load).** | **Reduction Achieved (% of the typical urban annual load)** | **Evidence and Links (calculation/modelling report/ device info)** |
| --- | --- | --- | --- | --- |
| Total Copper | [y/n] | 60% | [xx% / NA] | [####] |
| Total Zinc | [y/n] | 60% | [xx% / NA] | [####] |
| Total Suspended Solids (TSS)1 | [y/n] | 80% | [xx% / NA] | [####] |
| Gross Pollutants | [y/n] | 85% | [xx% / NA] | [####] |
| Total Nitrogen (TN)2 | [y/n] | 30% | [xx% / NA] | [####] |
| Total Phosphorus (TP)2 | [y/n] | 30% | [xx% / NA] | [####] |
| Total Petroleum Hydrocarbons3 | [y/n] | 60% | [xx% / NA] | [####] |
| Free Oils3 | [y/n] | 90% | [xx% / NA] | [####] |

Identify evidence other than the above within the submission in supporting the claim.

|  |  |
| --- | --- |
| **Supporting Documentation** (Name / title / description of document) | **Reference** (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

## DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

## DECLARATION

I confirm that the information provided in this document is truthful and accurate at the time of completion.

Provide author details, including name, position and email address:

[Date]

––– Report end –––