# 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 sewer | [xx] |
| Post-development peak discharge to sewer | [xx] |

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

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** –––