



**Western
Bay of Plenty**
District Council



**Mā tō tātou takiwā
For our District**



**Central
Comprehensive
Stormwater Consent**

Annual Report

November 2024

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1. Introduction

In July 2020, Bay of Plenty Regional Council (BOPRC) granted Western Bay of Plenty District Council (WBOPDC) six new consents relating to a Central Comprehensive Stormwater Consent:

- Consent RM17-0121-BC.01 Disturb Lake or River
- Consent RM17-0121-BC.02 Beds Damming and Diversion
- Consent RM17-0121-CC.01 Coastal Dredging
- Consent RM17-0121-CC.02 Occupy Coastal Space
- Consent RM17-0121-DC.01 Discharge to Water
- Consent RM17-0121-LC.01 Earthworks or Excavation

This report examines conditions required for Consent RM17-0121-DC.01 Discharge to Water, which expires 30 May 2055.

2. Purpose of this report

Condition 9.5 of consent RM17-0121-DC.01 requires the consent holder to submit an annual report to BOPRC in November of each year covering:

- a) A summary report of any monitoring undertaken including an analysis of the monitoring results;
- b) Any stormwater network or stormwater infrastructure upgrade works undertaken;
- c) Any stormwater induced erosion, flood risk alleviation, or stormwater quality mitigation measures implemented;
- d) Any incidents resulting in unanticipated contaminants entering the stormwater network, the investigation of the cause of the incidents and any remedial actions implemented to avoid a repeat occurrence of the incident;
- e) An updated Asset Register; and
- f) Any new structures to be included in the consent (Asset Register).

3. Monitoring

Monitoring Plans were developed and approved by BOPRC in August and October 2022.

The following report presents an overview of the monitoring results for the Central stormwater network, with a reporting period from 1st October 2023 to 30th September 2024. This includes the results and the findings from laboratory analysis and field observations for water quality, at the two monitoring locations within the catchment, along with the Sediment and Ecology monitoring report prepared by SLR Consulting New Zealand (Appendix A)

Stormwater monitoring began at the end of October 2023 and includes event-based (heavy rainfall) monitoring and Annual monitoring (sediment & ecology) to determine the effect of the discharge on the receiving environment.

Discharge monitoring was conducted during the first 30 minutes of a storm event occurring, or no later than 60 minutes after. Due to difficulties with the timing of the rainfall events, sampling has only been completed in the Minden catchment. The Te Puna catchment is proving extremely difficult to sample, due to the added requirement for sampling to take place within two hours of high tide.

During the 30 October sampling event, it was noted that sample location M1 had no flowing water. Photos of this location just prior to the rainfall event are attached below (image 1 & 2). As a result, no sampling upstream was able to be recorded, there was no mixing of the discharge water, and the downstream results are entirely stormwater discharge. As the conditions are not suitable for the required sampling, and the discharge is not mixed with receiving waters, any results for this site should be disregarded.



Image 1: M1 upstream sample location 30 October 2023



Image 2: M1 downstream sample location 30 October 2023

Due to trigger value exceedances, as per consent condition 9.3, further sampling is required to be conducted by the end of November 2024. Appropriate rainfall has not occurred to enable this repeat sampling to take place to date.

9.3... If contaminant levels in water or sediment samples exceed the trigger values, repeated sampling must be conducted within two months.

If any parameter exceeds a trigger value for three consecutive sampling occasions, a contaminant source investigation must be conducted within three months of the third exceedance. A report must also be prepared and submitted to the Regional Council Chief Executive or delegate.....