



**Western
Bay of Plenty**
District Council



**Mā tō tātou takiwā
For our District**



**Eastern
Comprehensive
Stormwater Consent**

Annual Report

November 2025



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Introduction

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

- Consent 67481-BC.16 River Structure
- Consent 67481-BC.17 Beds Damming and Diversion
- Consent 67481-CC.01 Coastal Dredging
- Consent 67481-CC.02 Occupy Coastal Space
- Consent 67481-DC.05 Discharge to Water
- Consent 67481-LC.05 Earthworks or Excavation

This report examines conditions required for Consent 67481-DC.05 Discharge to Water, which expires 31 May 2055.

Purpose of this report

Condition 9.5 of consent 67481-DC.05 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).

This report covers the period from 1st October 2024 – 30th September 2025.

Monitoring

A Monitoring Plan was approved by BOPRC in March 2024.

The following report presents an overview of the monitoring results for the Eastern stormwater network. This includes the results and the findings from water analysis and field observations for water quality at the monitoring locations within the three catchments, along with the May 2025 Sediment and Ecology monitoring report prepared by SLR Consulting New Zealand (Appendix A).

Stormwater monitoring began at the end of November 2024 and includes quarterly baseline monitoring (at least three days after rain) event-based monitoring (heavy rainfall) and annual monitoring (sediment and ecology) to determine the effect of the discharge on the receiving environment.

Event-based monitoring is to be conducted three times per year within 30 minutes of the commencement of a storm event, but no later than 60 minutes after. Three locations were identified as suitable for monitoring, two within Te Puke (TP5 and TP6) and one in Maketu (MaIB). No event-based sampling was conducted in Paengaroa, Pukehina or Little Waihi for the following reasons, as per the monitoring plan:

- **Paengaroa** – stormwater discharges flow to land. During rainfall, there are no appropriate upstream/downstream locations as all water is stormwater.
- **Pukehina** – drains in the catchment are dominated by stormwater and typically only flow during rainfall. There are no appropriate upstream/downstream locations as all water is stormwater.
- **Little Waihi** – the catchment is very small and only contains residential property, resulting in low risk of contaminants in stormwater.

Due to challenges in coordinating rainfall events with contractor availability, only two rainfall samples were collected during this monitoring period. The most recent sample, taken in October 2025, falls outside the formal reporting period but has been included as part of this report.

3.1 Te Puke Catchment

Water quality analysis

An overview of the quarterly and event-based water quality monitoring results for the Te Puke catchment is presented below. Monitoring was carried out at three waterways in the Te Puke catchment:

- Raparapahoe Stream and Waiari Stream
- Ohineangaanga Stream
- Cannell Farm Drive Waterway

Where applicable the dark red line indicates the consented trigger values. For those graphs where the dark red line is not present, there are no trigger values.

For the purpose of analysis, results below the lab accredited default detection limit were conservatively graphed to be equal to the default detection limit (e.g. <0.01 mg/L is reports as 0.01 mg/L).

3.1.1 Raparapahoe Stream and Waiari Stream

The two monitoring sites on Raparapahoe Stream TP1A and TP1B and Waiari Stream TP4 are quarterly monitoring background sites.



Figure 1. Baseline TP1A & TP1B sampling sites on Raparapahoe Stream