

CONSENT MONITORING REPORT



Your Community Partner

Consent Name	Raglan Wastewater Treatment System
Consent No.	971390
Year	1 July 2011 – 30 June 2012
Date	25 September 2012
File No.	55 06 17M / USV03

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REPORT/COMMENTS

Raglan Wastewater Treatment System 1 July 2011 – 30 June 2012

The Waikato District Council holds resource consent to discharge up to 2600 cubic metres of treated wastewater per day into the Raglan Harbour. The consent was issued on 1 Feb 2005 and has an expiry date of 14 February 2020.

A review of the compliance with consent conditions during the 2011/12 reporting year indicated that the monitoring results show a modest improvement over the previous year and that the discharge is likely to be having no more than a minor effect on the receiving environment. The exception to this was elevated suspended solids made up of non settleable solids and, particularly in summer, algae.

There was one occasion in December where an operational error caused the discharge pumps to run outside the consented times. The discharge quality at the time would have had little effect on the harbour quality. A full report of this incident was forwarded to Waikato Regional Council on 12 January. Procedures have since been instigated to ensure this type of event is unlikely to occur in future.

The median maximum daily flow was 1792 cubic metres per day over the total reporting period. The maximum daily flow was 2538 cubic metres on 17 July.

The data attached summarises monitoring test results for parameters that are required both for the consent reporting and for good operational practice.

Summary of Treatment Issues and Improvement Plans

The results for this year are generally improved on the previous period in most areas except suspended solids.

The otherwise good cBOD5 results were spoilt by a single bad sample in April (159mg/L) Faecal coliforms and *Enterococci* were totally compliant.

The discharge suspended solids compliance requirement has not been achievable in all samples. The final holding pond is still not improving elevated suspended solids levels due to lack of settlement action and algae proliferation.

Current year funding has been approved to employ a suitable consultant to carry out an investigation and make recommendations for a further upgrade to the plant to improve the solids removal.

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P Seward
TREATMENT PLANTS ENGINEER

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R Bax
GENERAL MANAGER
WATER & FACILITIES