

CONSENT MONITORING REPORT



Your Community Partner

Consent Name	Matangi Wastewater Treatment System
Consent No.	105551
Year	1 July 2011 – 30 June 2012
Date	28 September 2012
File No.	55 06 13M / USV03

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Matangi Wastewater Treatment System 1 July 2011 – 30 June 2012

The Waikato District Council holds resource consent to discharge up to 52 cubic metres of treated sewage effluent per day to ground from the Matangi wastewater treatment system. The consent has an expiry date of 30 September 2021.

Discharge flows from the plant were fully compliant with the consent conditions.

Daily flows are calculated from manual readings of the totaliser during regular site visits. As readings are not observed daily the reported flows may not accurately report the daily peaks.

There are still instances of high flow, particularly when ground water tables are high. Infiltration investigation and some remedial works have been carried out during the 2011-12 year. This has resulted in some improvement. Further investigations will be carried out in the coming year to ascertain the condition of septic tanks integrity and possible inflow from that source.

The attached report and data spreadsheet show that discharge water quality has improved markedly. This improvement is, in large part, due to recirculation of a percentage of the final effluent back through the inlet of the plant.

A comparison of the current period nutrient results for the three sampling bores versus the results for previous years show little change in ground water quality.

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P Saward
TREATMENT PLANTS ENGINEER

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R J Bax
GENERAL MANAGER
WATER & FACILITIES