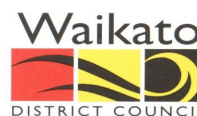


# CONSENT MONITORING REPORT



Your Community Partner

Consent Name	Maramarua Wastewater Treatment System
Consent No.	101961
Year	2008-09
Date	8 October 2009
File No.	55 06 22M

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## REPORT/COMMENTS

### Maramarua Wastewater Treatment System

The Waikato District Council holds resource consent to discharge up to 6 cubic metres of treated sewage effluent per day to ground from the Maramarua wastewater treatment system. The consent was issued on 2 March 2000 and has an expiry date of 1 December 2014.

At the end of the previous period the sand filter media was replaced. An improvement in treated quality of the discharged wastewater has been shown for the 2008-2009 reporting period.

The discharge volume has been exceeded regularly in July, August and September 2008 due to increased wet weather inflow. During this period the North Island experienced significant and unusually heavy wet weather storm events that may have contributed to infiltration beyond the normal flow range of the treatment plant.

Investigations pointed to infiltration of groundwater probably being into the older elements of the treatment system that predated the 1999 upgrade, especially the primary septic tanks that date from the original Ministry of Works system.

A project to replace the septic tanks, remediate any faults with the pumping station and seal them from groundwater inflow was completed at the end of the reporting period. Preliminary data appears to indicate that the median winter flows through the treatment plant have been reduced. Additional budget has been allocated for further control improvements in the 2009-2010 period.

Overall the Maramarua Wastewater Treatment Plant performance has improved on the previous period.

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**H Cameron**  
**PLANTS ENGINEER**

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**R J Bax**  
**GENERAL MANAGER**  
**WATER & FACILITIES**