

## 101961 Maramarua Wastewater discharge to ground 1 July 2011 to 30 June 2012

**This consent authorises the Consent Holder to:** Discharge up to 6 cu/m per day of treated domestic sewage into the ground from the Maramarua Wastewater Plant, Maramarua Wastewater Treatment Plant, Kopuku Road – Maramarua. NZMS260 S12 : 059-371

	Conditions	Comply Yes/No	Comments
*	This consent authorises the Consent Holder to: Discharge up to 6 cu/m per day of treated domestic sewage into the ground from the Maramarua Wastewater Plant	No	There were 52 days during the compliance year on which there was more than 6 m <sup>3</sup> discharged. The highest discharge recorded was 40 m <sup>3</sup> on 23 January..
1	The activity authorised by this consent shall be carried out in accordance with the application for this resource consent and as identified in the resource consent conditions below.	Yes	The site activity is carried out in accordance with the information contained in the application.
2	The upgrading of the sewage treatment system as described in the document titled “Maramarua Wastewater Treatment Plant Upgrade Assessment of Environmental Effects”, or any alteration to this description authorised by the Group Manager, Resource Use, Waikato Regional Council, shall be completed and fully operational within twelve months of the granting of this consent.	Yes	The treatment system was upgraded in accordance with the consent condition.
3	The design and construction of the upgraded sewage treatment system shall be carried out under the supervision of an appropriately experienced registered engineer, retained by the consent holder.	Yes	Experienced staff supervised the design and construction of the upgraded plant.
4	The consent holder shall retain appropriately experienced personnel to operate and maintain the treatment and disposal system.	Yes	The treatment plant is managed and operated by appropriately trained and experienced engineers and operators. Experience in wastewater operations of key personnel includes: Lou Larson – Water and Wastewater Manager (18 yrs) Peter Saward – Treatment Plants Engineer (24yrs) Craig Peebles – Treatment Plants Supervisor (18yrs) Parvati Patel – Planning Engineer (10yrs) Chris Harris – Operator (2yrs) Nigel O’Connor – Operator (8yrs) Johannes Mostert – Operator (4yrs) Caleb Powell – Cadet Operator (3yrs)

	Conditions	Comply Yes/No	Comments
5	<p>The consent holder shall retain a suitably qualified and experienced person to compile an Operations Manual for the wastewater treatment and disposal facility. This manual shall address as a minimum the following matters:</p> <ul style="list-style-type: none"> <li>a) A description of the treatment and disposal system.</li> <li>b) A description of how the treatment and disposal system should be operated and managed (including inspection and monitoring procedures).</li> <li>c) A description of the maintenance required for the operation of the system.</li> <li>d) A system for recording maintenance undertaken on the treatment and disposal system.</li> </ul> <p>This manual shall be developed to a standard acceptable to the Waikato Regional Council and a copy shall be provided to the Waikato Regional Council within four months of the granting of this resource consent.</p>	Yes	Over the years the plant has been operated in accordance with the manufacturers recommendations. Minor upgrades have been carried out over time and staff from our Projects Department advise that a revised manual will be available on 5 <sup>th</sup> October. A copy will be forwarded to Waikato Regional Council at that time.
6	The consent holder shall manage and operate the treatment and disposal system in accordance with the Operations Manual described in condition 5 of this consent.	Yes	The site is managed and operated in accordance with the management manual. Regular maintenance is performed by council staff, in conjunction with experienced equipment vendors for training and annual service checks. Site visits are at least weekly.
7	The treatment plant tanks shall be desludged as necessary and in particular within one month of notice in writing from the Waikato Regional Council to do so. Sludge shall be disposed of at a site approved by the Waikato Regional Council.	Yes	The tanks will be desludged as necessary and waste taken to the Huntly septage disposal facility.
8	There shall be no overland discharge of effluent from any part of the effluent treatment and disposal system.	Yes	No discharge has occurred during the reporting period.
9	<p>There shall be no objectionable odour at or beyond the boundary of the land defined by Lot 2 DPS 16616 Blk IV Maramarua SD as a result of normal operations at the site.</p> <p>Note i) For the purpose of this condition, normal operation is considered to be all times that the plant is operating except during plant maintenance activities, such as filter cleaning.</p> <p>Note ii) For the purpose of this condition, the Regional Council will consider an odour that is objectionable to have occurred if any appropriately experienced officer of the Regional Council deems it</p>	Yes	Council's CRM database records all complaints from the public. There were no complaints from the public during the consent year regarding the Maramarua WWTP.

	Conditions	Comply Yes/No	Comments
	<p>so having regard to:</p> <p>a The frequency, intensity, duration, amount, and location of the odour.</p> <p>b A written declaration from no less than 2 individuals that the odour was objectionable or offensive. That declaration shall include the individual's names and addresses, the date and time that the event occurred and where and when it was detected. Where a declaration is made following a number of odour events having objectionable or offensive effects, that declaration shall provide details of the frequency, intensity, duration and location of those events. The individuals shall also state the circumstances which led to the declaration (for example, called upon by other individual, or detected themselves from a distance). The declaration shall be signed and dated.</p> <p>c Relevant written advice or a report from an Environmental Health Officer of a territorial authority or health authority.</p>		
10	The consent holder shall ensure that all reasonable efforts are made to prevent or minimise odour effects during plant maintenance activities.	Yes	No odour has been noted at the site during the reporting period.
11	The consent holder shall maintain and keep a complaints register for complaints lodged with the consent holder concerning any aspects of operations (including odour) at this site. The register shall record the date, time and type of complaint, cause of the complaint, and action taken by the consent holder in response to the complaint. The register shall be available to the Waikato Regional Council at all reasonable times.	Yes	<p>The Waikato District Council Customer Delivery Team has received no complaints regarding the operation of the plant or discharge of treated effluent from the site during 2010/11.</p> <p>WDC operates an electronic customer complaints system called Customer Request Management (CRM). No complaints concerning the operation of the plant have been received. The register is available to WRC.</p>
12	<p>The Waikato Regional Council may in December 2003, after consultation with the consent holder, serve notice on the consent holder under section 128 (i) of the Resource Management Act 1991, of its intention to review the conditions of this resource consent for the purpose of reviewing the effectiveness of the conditions of this resource consent in avoiding or mitigating any adverse effects on the environment from the exercise of this resource consent and if necessary to avoid, remedy or mitigate such effects by way of further or amended conditions.</p> <p>Note: Costs associated with any review of the conditions of this resource consent will be recovered from the consent holder in</p>	Yes	No notice of intention to review the consent has been received from the Waikato Regional Council

	<b>Conditions</b>	<b>Comply Yes/No</b>	<b>Comments</b>
	accordance with the provisions of section 36 of the Resource Management Act 1991.		
13	The consent holder shall pay to the Waikato Regional Council, any administrative charge fixed in accordance with Section 36 of the Resource Management Act, 1991, or any charge prescribed in accordance with regulations made under Section 360 of the Resource Management Act.	Yes	Fees have been paid.