

# **Resource Consent Certificate**

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**Resource Consent Number:** 109502

**File Number:** 60 59 17A

***Pursuant to the Resource Management Act 1991, the Waikato Regional Council  
hereby grants consent to:***

Hauraki District Council  
P O Box 17  
PAEROA 2951

*(hereinafter referred to as the Consent Holder)*

**Consent Type:** Coastal permit

**Consent Subtype:** Discharge to the Coastal Marine Area

**Activity authorised:** Discharge up to 42 cubic metres of treated municipal sewage to the Coastal Marine Area / Waitakaruru River.

**Location:** Duffin Rd - Waitakaruru

**Map Reference:** NZMS 260 S12:223-385

**Consent Duration:** Granted for a period expiring on the 10<sup>th</sup> of November 2023

***Subject to the conditions overleaf:***

**CONDITIONS**

1. The discharge of treated wastewater to the Coastal Marine Area / Waitakaruru River shall be in general accordance with:
  - (a) The application for this resource consent,
  - (b) The document titled "Waitakaruru Waste Water Upgrade – Applications and AEE for Resource Consents and Designation" prepared by Opus International Consultants, dated September 2003,
  - (c) Drawing titled "Hauraki District Council Waitakaruru – Waste Water Upgrade Duffin Rd – Outfall Details" dated 14/10/03, and
  - (d) As identified in the resource consent conditions below.
2. The treatment plant shall be managed and operated by an appropriately trained operator. The operator shall hold as a minimum, a C grade Certificate in Wastewater Treatment Plant Management or equivalent.
3. The consent holder shall be responsible for all sub-contracted operations on the site, and must ensure sub-contractors are made aware of the relevant conditions of this resource consent and ensure compliance with those conditions.

**Discharge Limits**

4. The maximum daily volume of wastewater discharged to the Coastal Marine Area / Waitakaruru River shall not exceed 42 cubic metres per day dry weather flow and 75 cubic metres per day wet weather flow.
5. The concentration of ammoniacal nitrogen in the discharge shall not exceed 2 10 grams per cubic metre in more than 10% of samples taken over any one year period.
6. The cBOD<sub>5</sub> (carbonaceous biochemical oxygen demand) shall not exceed 10 grams per cubic metre in more than 10% of samples taken over any one year period.
7. The suspended solids concentration of the discharge shall not exceed 10 grams per cubic metre in more than 10% of samples taken over any one year period.
8. The total nitrogen concentration of the discharge shall not exceed ~~25~~ 35 grams per cubic metre in more than 10% of samples taken over any one year period. 15/05/2009 MB
9. The total phosphorus concentration of the discharge shall not exceed ~~7~~ 20 grams per cubic metre in more than 10% of samples taken over any one year period.
10. The concentration of faecal coliforms in the discharge shall not exceed 28,000/100 millilitres in more than 10% of samples taken over any one year period.
11. The pH of the discharge shall be maintained between 6 and 8 pH units.
12. The consent holder shall notify the Waikato Regional Council as soon as practicable, and as a minimum requirement within 24 hours of the consent holder becoming aware of the limits specified in conditions 4 through 11 of this resource consent being exceeded, and of any accidental discharge, plant breakdown, or other circumstances which are likely to result in the limits of this resource consent being exceeded. The consent holder shall, within 7 days of the incident occurring, provide a written report to the Waikato Regional Council identifying the exceedance, possible causes, steps undertaken to remedy the effects of the incident and measures that will undertaken to ensure future compliance.
13. The discharge, after initial mixing, shall not result in:

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- (a) The production of conspicuous oil, grease, scums or foams, or floatable or suspended materials
- (b) Any conspicuous change in the colour or visual clarity; or
- (c) Any emission of objectionable odour due to the discharge.

14. The consent holder shall provide easy access for the measurement of flow and quality of the discharge.
15. Notwithstanding conditions 4 through 11, the consent holder shall make all reasonable and practical efforts to ensure that final wastewater quality is maximised within the capabilities of the treatment system in operation.

15A The consent holder shall ensure that the quality of the discharge is equal to or less than the revised concentrations listed in conditions 5,8 and 9 by 31 May 2010

**Erosion**

*MB* 15/05/09

16. The consent holder shall be responsible for the structural integrity and maintenance of the discharge structure and the area of grassland between the rock diffuser structure and the Waitakaruru River and for any erosion control works that become necessary to preserve the integrity and stability of the river channel and/or to control erosion as a result of the exercise of this resource consent.

**Note:** A separate resource consent may be required as a result of the need to undertake erosion control works. Any such consent shall be obtained by the consent holder at their sole expense prior to any works being undertaken.

*Monitoring*

17. The consent holder shall characterise the quality, quantity and variability of the discharge to the satisfaction of the Waikato Regional Council. To this end, the consent holder shall develop a monitoring plan in consultation with the Waikato Regional Council. This plan shall be lodged with the Waikato Regional Council by 31 March 2004 for written approval. As a minimum, the plan shall include the following:

Frequency	Sample type	Parameter
Daily	Daily total outflow to the Coastal Marine Area / Waitakaruru River.	<ul style="list-style-type: none"><li>• Volume</li></ul>
Weekly	Single sample/test in outlet from the rock diffuser structure, taken in a location and at a time not influenced by river water or stormwater runoff.	<ul style="list-style-type: none"><li>• cBOD<sub>5</sub> (carbonaceous biochemical oxygen demand),</li><li>• Total Ammoniacal Nitrogen,</li><li>• Total Nitrogen,</li><li>• Total Phosphorus,</li><li>• Total Suspended Solids,</li><li>• pH,</li><li>• Faecal Coliform.</li></ul>
5-Yearly pursuant to condition 21 of this consent.	Low River Flow - Upstream / Downstream pursuant to condition 21 of this consent.	<ul style="list-style-type: none"><li>• Total Ammoniacal Nitrogen</li><li>• Total Nitrogen,</li><li>• Total Phosphorus</li><li>• Suspended solids</li><li>• Turbidity</li><li>• Faecal coliform bacteria</li></ul>

The consent holder shall undertake the monitoring programme specified in the monitoring plan.

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18. The parameters to be monitored and/or the frequency of monitoring, as described in the approved monitoring plan required pursuant to condition 17 of this consent, may be reviewed by the applicant after two full years of monitoring following the commencement of this consent and may be reviewed by the applicant every two years thereafter. Any changes to the suite of parameters monitored and/or changes to the frequency of monitoring shall only be made with the written agreement of the Waikato Regional Council. Approval from the Waikato Regional Council for any changes to the required monitoring will be considered on the basis of consistent sampling during the consent term in accordance with condition 17 of this consent, and consistent compliance with the discharge quality limits required by this consent. In the event of changes to the plant, plant failure or other events that could effect plant performance, the consent holder, at the written request of the Waikato Regional Council, shall undertake more regular sampling.
19. All sample methods of analysis shall be detailed as in the "Standard Methods For The Examination of Water and Waste Water, 1995" 20th edition, by A.P.H.A and A.W.W.A and W.E.F or any subsequent update or by some other method approved in advance by Waikato Regional Council.

### Reporting

20. The consent holder shall provide Annual Reports to the Waikato Regional Council, with the first annual report due 31 May 2005. Subsequent reports shall be provided by the 30 September each year that this consent is current. As a minimum the Annual Report shall include the following: *HB* 11/01/2010
- (a) a summary of the monitoring results required by the conditions of this resource consent and a critical analysis of the information in terms of compliance and any environmental effects,
  - (b) a comparison of data with previously collected data identifying any emerging trends,
  - (c) any reasons for non-compliance or difficulties in achieving compliance with the conditions of this resource consent,
  - (d) any works that have been undertaken to improve the environmental performance of the wastewater treatment system or that are proposed to be undertaken in the up-coming year to improve the environmental performance of the wastewater treatment,
  - (e) recommendations on alterations to the monitoring required by conditions of this resource consent
21. The consent holder shall retain an appropriately qualified person to produce Environmental Impact Reports to be provided to the Waikato Regional Council by 30 May 2005, 30 May 2010, 30 May 2015 and 30 May 2020 detailing the concentrations of the following parameters in the Waitakaruru River upstream and downstream of the discharge:
- (a) Total Ammoniacal Nitrogen
  - (b) Total Nitrogen,
  - (c) Total Phosphorus
  - (d) Suspended solids
  - (e) Turbidity
  - (f) Faecal coliform bacteria

As a minimum, this report shall be based on sampling of the Waitakaruru River, conducted during a period of low river flow, to show concentrations of these contaminants within 0.5 metres of the location of the discharge. Sampling of the river should also occur 0.5 metres out

from the left and right banks 10 metres upstream of the discharge, 20 metres downstream of the discharge, and mid stream 100 metres downstream of the discharge. Consideration of tidal cycles shall be incorporated in the monitoring methodology. The aims of the Environmental Impact Report are to determine the actual mixing characteristics of the discharge, and to establishing the actual effects of the discharge on water quality. The report

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shall describe the low-flow monitoring undertaken and shall critically analyse the sampling results in light of the above aims. The report shall be to the satisfaction of the Waikato Regional Council.

### **Management Plan**

22. The consent holder shall provide the Waikato Regional Council with a Management Plan which details the procedures that will be implemented to operate in accordance with the conditions of this resource consent. This plan shall be lodged with the Waikato Regional Council for written approval within 3 months of the commencement of this consent and shall be reviewed and updated as a minimum every two years. Any changes to the plan shall be approved in writing by the Waikato Regional Council. The consent holder shall undertake the treatment and disposal of effluent in accordance with the Management Plan. As a minimum, the plan shall address the following:

- (a) a description of the entire treatment system facility;
- (b) a description of how the plant will be managed to minimise contaminant discharges to the stream;
- (c) a description of routine inspection and maintenance procedures to be undertaken with respect to the treatment plant and discharge structure;
- (d) an outline of the methods to be utilised to monitor the treatment plant in an operational sense including:
  - (e) monitoring of influent waste water
  - (f) monitoring of treatment performance
  - (g) chain of command and responsibility;
  - (h) description of alarms;
  - (i) trouble shooting procedures;
  - (j) contingency measures in place to deal with unusual events including odour events;
  - (k) other actions necessary to comply with the requirements of this resource consent;
  - (l) procedures for improving and/or reviewing the Management Plan.

### **Odour**

23. As a result of the activity authorised by this resource consent, there shall be no odour that causes an objectionable or offensive effect beyond the boundary of the site.

### **Review**

24. Following serving notice on the consent holder in July 2005, July 2010, July 2015 and July 2020, the Waikato Regional Council may review the conditions of this resource consent in accordance with section 128(1) of the Resource Management Act 1991 for the following purposes:

- (a) to review 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; or
- (b) if necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on the surrounding environment; or
- (c) if necessary and appropriate, to require the holder of this resource consent to include UV disinfection as part of the treatment system to reduce adverse effects associated with the discharge of bacteria; or

- (d) to take account of any changes to the Waikato Regional Council's Regional Plans or Policies; or
- (e) to review the adequacy of and the necessity for monitoring undertaken by the consent holder.

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**Note:** Costs associated with any review of the conditions of this resource consent will be recovered from the consent holder in accordance with the provisions of section 36 of the Resource Management Act 1991.

**Administration**

25. 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.

*Dated at Hamilton this 12 day of January 2004*

*For and on behalf of the  
Waikato Regional Council*



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**Advice notes**

1. In accordance with section 125 RMA, this consent shall lapse five (5) years after the date on which it was granted unless it has been given effect to before the end of that period.
2. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
3. This resource consent is transferable to another owner or occupier of the land concerned, upon application, on the same conditions and for the same use as originally granted (s.134-137 RMA).
4. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
5. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.