

Resource Consent



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File Number: 60 41 02A
Resource Consent Number: 102235

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

Hauraki District Council
P O Box 17
PAEROA

(hereinafter referred to as the Consent Holder)

Consent type: Discharge permit
Consent subtype: Discharge to land

Activity authorised: To discharge up to 392 m³ of treated municipal wastewater per day onto the ground

Location: (Whiritoa Sewage) SH 25 - Whiritoa
Map Reference: NZMS 260 T12:672-308

Consent duration: Granted for a period expiring on 31 October 2019

Subject to the following conditions:

CONDITIONS**Specification of documentation that activity is to be in accordance with**

- 1 The Wastewater Treatment Plant shall be operated and maintained in accordance with the document titled "Whiritoa Wastewater Treatment Plant – Assessment of Environmental Effects and Discharge Permit Application Supporting Information" by Bruce Wallace Partners Ltd dated March 1999, the application for this resource consent, and as identified in the resource consent conditions below.

Responsibility for operations

- 2 The consent holder shall appoint a suitable person to be responsible for the day to day operation of the Wastewater Treatment Plant. The consent holder shall notify the Waikato Regional Council of the name, address, and contact telephone number of the operator.

Irrigation methodology

- 3 The consent holder shall revise the current effluent irrigation strategy and develop a new effluent irrigation methodology which is in general accordance with the Resource Use Group's Practice Note C3 titled "Correct Management of Wastewater Irrigation at Land Treatment Sites". This methodology shall be forwarded to the Waikato Regional Council by 30 May 2000 for written approval prior to being implemented.

Irrigation limits

- 4 The maximum volume of wastewater irrigated onto any one block shall not exceed the soil irrigation capacity as defined in Practice Note C3 "Correct Management of Wastewater Irrigation at Land Treatment Sites" for that block.
- 5 The maximum rate of irrigation in any block shall not exceed the infiltration rate of the soil in that block. To this end, there shall be no ponding of effluent or surface runoff of effluent from the treatment facility or the disposal areas at any time.
- 6 There shall be a minimum of 6 days between irrigation events, or sufficient time for soil moisture content to decline to 70% of field capacity, whichever is the lesser.
- 7 The median faecal coliform concentration in the discharge for all samples collected shall not exceed 10,000 MPN per 100 millimetres.

Monitoring and reporting requirements

- 8 The consent holder shall measure/record the following parameters to determine the quality, quantity and variability of the wastewater discharged under this consent, and monitor any effects that the discharge is having on the local ground/surface water resource:
 - (i) measure the volume of effluent entering the wastewater treatment plant each day;
 - (ii) measure rainfall received by the site on a daily basis;
 - (iii) record the soil moisture content in each plot immediately prior to irrigation;
 - (iv) record the actual volume of effluent applied to each block during each irrigation event;
 - (v) record the total volume of effluent discharged onto the ground each day;
 - (vi) measure the effluent's nitrate, phosphorous and chloride content at three monthly intervals;
 - (vii) measure the nitrate, ammonia, and chloride content of the groundwater in the sites monitoring wells at three monthly intervals; and
 - (viii) measure the up-stream and downstream ammonia, nitrate and chloride content of the un-named stream that flows through the treatment plant at three monthly intervals;

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This monitoring shall be carried out to the satisfaction of the Waikato Regional Council, and all results shall be forwarded to the Waikato Regional Council at three monthly intervals.

- 9 The consent holder shall prepare an annual monitoring report summarising the information gather in accordance with condition 8 of this resource consent, and submit it to the Waikato Regional Council on the ~~31 July November~~ 30th September each year. MB 11/01/2010 24/10/06 MB
- 10 The consent holder shall maintain an accurate mass balance of the volume of effluent entering and leaving the effluent storage pond, to the satisfaction of the Waikato Regional Council, and report the volume of effluent lost from the system to the Waikato Regional Council on an annual basis in the report referred to in condition 9 of this resource consent.

Section 128 review

- 11 The Waikato Regional Council may in the period of six months ending 1 March 2004, and ever 5 years thereafter, 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 following purposes:
- (i) 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
 - (ii) 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 due to the discharge; or
 - (ii) to review the adequacy of and the necessity for monitoring undertaken by the consent holder.

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 charges

- 12 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 1991.

Dated at Hamilton this 13 day of **December 1999**

For and on behalf of the
Waikato Regional Council



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for Secretary