

Resource Consent Certificate

401 Grey Street
Hamilton East
Hamilton 3216

Private Bag 3038
Waikato Mail Centre
Hamilton 3240

Resource Consent: 119766
File Number: 60 25 28A

ph +64 7 859 0999
fax +64 7 859 0998
www.waikatoregion.govt.nz

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

Hauraki District Council
PO Box 17
Paeroa 3640

(hereinafter referred to as the Consent Holder)

Consent Type: Discharge permit
Consent Subtype: Discharge to water
Activity authorised: Discharge water from a quarry reservoir back into the Waitakaruru River via an overflow pipe, for public water supply purposes
Location: Steen Road - Waitakaruru
Map Reference: NZMS 260 S12:154-334
Consent Duration: Granted for a period expiring 1 July 2029

Subject to the conditions overleaf:

CONDITIONS

General

1. The discharge shall be undertaken in general accordance with:
 - (i) The application for this resource consent; and
 - (ii) The document titled "Plains West Water Supply – Statement of Supporting Information and Assessment of Environmental Effects" by Aecom New Zealand Limited, dated 30 April 2009;
 - (iii) The letter "Applications 119762 – 119772: Response to Requests for Further Information", from AECOM New Zealand Limited, dated 26 June 2009;
 - (iv) The letter "Applications 119762 – 119772: Response to Requests for Further Information", from AECOM New Zealand Limited, dated 7 September 2009; and
 - (v) The memorandum "Waitakaruru Water Supply – Water Take Conditions", from Aecom New Zealand Limited, dated 26 May 2010;

subject to the conditions of this resource consent.

2. The consent holder shall ensure contractors are made aware of the conditions of this resource consent and ensure compliance with those conditions.

Discharge constraints

3. The consent holder shall ensure that reservoir water quality does not exceed the water criteria specified in Table 1.

Table 1: Reservoir quality discharge standards

Parameter	Discharge quality	Sampling location
Cyanobacteria	Biovolume equivalent to 1 cubic millimetre per litre (mm ³ /L) of all cyanobacterial material	Surface waters of reservoir
Dissolved oxygen	Less than 1 milligram per litre (mg/L)	Bottom waters of reservoir

4. The consent holder shall ensure that any discharge from the emergency overflow pipe shall not cause the production of visible oil or grease films, scums or foams in the Waitakaruru River.
5. The consent holder shall ensure that any discharge from the emergency overflow pipe shall not cause a conspicuous change in water colour or clarity in the Waitakaruru River after reasonable mixing.
6. The consent holder shall ensure that any discharge from the emergency overflow pipe shall be such that it does not significantly impede the upstream movement of fish and other aquatic biota in the vicinity of the discharge nor be such that it would cause the receiving waters to be unsuitable for stock watering.
7. The consent holder shall ensure that any discharge from the emergency overflow pipe shall not cause any scouring or erosion at the point of discharge.
- 7a. (a) The consent holder shall, within 24 hours of the exercise of the emergency overflow, provide written advice to the Waikato Regional Council that the emergency overflow has occurred, and
 - (b) The consent holder shall, within 15 working days of the exercise of each overflow occurrence, provide a written report to the Waikato Regional Council detailing:
 - the estimated daily volume discharged; and
 - the circumstances under which the emergency overflow occurred; and

- noting any changes to operational procedures required and any consequential changes to the MEMP as required by Condition 10 of this consent.

8. The consent holder shall, prior to the exercise of this consent, document and submit to the Waikato Regional Council a methodology, prepared by a suitably qualified expert, for managing the exercise of this resource consent in accordance with resource consent conditions. The methodology shall include, as a minimum, details of the emergency overflow outlet works, flow controls, the proposed reservoir quality monitoring programme (including temperature at various depths through the water profile, dissolved oxygen and cyanobacteria), the controls put in place to minimise contaminant risks from quarry operations and reporting requirements. This methodology shall be to the satisfaction of Waikato Regional Council as approved in writing and shall be included in the Maintenance and Environmental Management Plan prepared in accordance with condition 10 of this consent.

Reservoir Risk Management Plan

9. The consent holder shall, following consultation with Ngati Maru / Ngati Paoa Runanga and with the Hauraki District Council Consultative Committee Water and Waste, prepare a Reservoir Risk Management Plan ("RRMP") for the operation of the raw water reservoir. The RRMP shall address the following matters:

- (i) Measures to ensure that the discharges from the emergency overflow pipe are minimised and that the level of the reservoir is maintained at or below RL 32.5;
- (ii) Measures that are to be adopted if monitoring as required under condition 8 shows water quality in the reservoir is declining and/or exceeds the specified standards within condition 3 of this consent;
- (iii) Measures to be employed to confirm the integrity of the reservoir regarding possible leakage; and
- (iv) Identify the outcomes of the consultation undertaken with Ngati Maru / Ngati Paoa Runanga and the Hauraki District Council Consultative Committee Water and Waste.

This plan shall be provided to the Waikato Regional Council for approval, acting in a technical certification capacity, within 3 months of the commencement of this consent. Should the Waikato Regional Council not respond in writing within 20 working days of receipt of the RRMP, either providing certification of the RRMP or clearly outlining areas of the RRMP that are not accepted then the RRMP shall be considered to be approved and this condition satisfied.

Any changes to the RRMP shall be prepared following consultation with Ngati Maru / Ngati Paoa Runanga and the Hauraki District Council Consultative Committee Water and Waste. Such changes shall be confirmed in writing by the consent holder and approved by the Waikato Regional Council acting in a technical certification capacity, prior to the implementation of any changes proposed. Should the Waikato Regional Council not respond in writing within 20 working days of receipt of the proposed changes to the RRMP, either providing certification of the RRMP or clearly outlining areas of the RRMP that are not accepted, then the RRMP shall be considered to be approved and this condition satisfied.

The RRMP may be prepared and submitted to the Waikato Regional Council in conjunction with the Maintenance and Environmental Monitoring Plan required in accordance with condition 10 of this consent.

Maintenance and Environmental Monitoring Plan

10. In conjunction with consent 119762-119772, 121236 and 121237, the consent holder shall provide a maintenance and Environmental Monitoring Plan ("MEMP") to the Waikato Regional Council within three months of the commencement of this consent.
11. The MEMP required by condition 10 shall be prepared by a suitably qualified and experienced person who shall be approved in writing by the Waikato Regional Council.
12. The purpose of the MEMP is to set out the specific details of:
 - (a) The maintenance regime (planned and in response to one off events) proposed for all infrastructure associated with the activities authorised by consents 119762-119772, 121236 and 121237, such that the reliability of said infrastructure, accords with "best industry practice". For the purpose of this condition, "best industry practice" is defined to mean that operational reliability is of a standard that a prudent operator, acting responsibly, would be expected to achieve. The maintenance regime prepared in accordance with this condition shall be accompanied by written confirmation from an appropriately qualified and experienced person that it represents "best industry practice".
 - (b) All monitoring required by consents 119762-119772, 121236 and 121237, including but not limited to:
 - (i) All sampling/monitoring locations, including the rationale for their selection;
 - (ii) The methods of sampling and/or measurement that are to be used, including the rationale for their selection;
 - (iii) The analyses, including statistical analyses, that the data collected will be subject to, together with an explanation of how those analyses will enable the effects of the activities authorised by consents 119762-119772, 121236 and 121237 to be determined and discriminated from natural variability; and
 - (iv) How the monitoring regime will enable the provisions of this consent to be assessed.
13. The MEMP required by condition 10 and shall be approved in writing by the Waikato Regional Council acting in a technical certification capacity prior to any works authorised by this consent commencing. Should the Waikato Regional Council not respond in writing within 20 working days of receipt of the MEMP, either providing certification of the MEMP or clearly outlining areas of the MEMP that are not accepted, then the MEMP shall be considered to be approved and this condition satisfied.
14. All maintenance and monitoring activities shall be undertaken in accordance with the approved MEMP for the duration of the consent.
15. Any changes proposed to the MEMP required by condition 10 shall be confirmed in writing by the consent holder and approved in writing by the Waikato Regional Council acting in a technical certification capacity, prior to the implementation of any changed proposed. Should the Waikato Regional Council not respond in writing within 20 working days of receipt of the proposed changes to the MEMP, either providing certification of the MEMP or clearly outlining areas of the MEMP that are not accepted, then the MEMP shall be considered to be approved and this condition satisfied.

Review

- 16. Within 12 months of the Crown settling any claim made under the provisions of the Treaty of Waitangi Act 1975 the Waikato Regional Council may, following service of notice on the consent holder, commence a review of the conditions of this consent pursuant to section 128(1) of the Resource Management Act 1991, for the purpose of ensuring that this consent is in alignment with the provisions of any such settled claim, subject to the proviso that any review shall be for a resource management purpose.
- 17. At any time during the years 2014, 2019, and 2024 the Waikato Regional Council may, following service of notice on the consent holder, commence a review of the conditions of this resource consent under section 128(1) of the Resource Management Act 1991 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 resource consent conditions; or
 - (ii) to review the adequacy of and the necessity for monitoring undertaken by the consent holder.

Advice 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.

Administrative

- 18. 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.

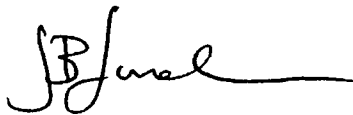
Lapse

- 19. This consent shall lapse on 1 July 2029.

In terms of s116 of the Resource Management Act 1991, this consent commences on 18th July 2011

Dated at Hamilton this 5th day of August 2011

*For and on behalf of the
Waikato Regional Council*



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