

RESOURCE CONSENT**Water Permit**

In accordance with the provisions of the Resource Management Act 1991, and subject to the attached conditions, the Hawke's Bay Regional Council (the Council) grants a resource consent for a discretionary activity to:

Ravensdown Limited

Private Bag 6012

Napier 4142

to take water from well no's. 15986 and 15989 (150 mm diameters) for the following industrial uses and environmental purposes:

- The manufacture of sulphuric acid and fertilisers;
- The treatment of stormwater and process water including sustaining constructed treatment wetlands and the maintenance of crop cover on the discharge to land area (shown on the Plan B); and
- Sustain an artificial freshwater wetland within the Waitangi Regional Park (shown on the Plan D).

LOCATION**Address of site**

200 Waitangi Road, Awatoto

Legal description

Site of take: Pt Sec 32 Blk 1 Clive SD

Site of use: SECS 26 44 50 56 60 PT SECS 32

43 LOT 4 DP 8546 LOTS 1 2 DP 16060 BLK I

CLIVE SD, LOTS 6 & 7 DP 25683

Map reference – Site Map

Well 15986: V21 2846951 6175828

Well 15989: V21 2846957 6175810

CONSENT DURATION

This consent is granted for a period expiring on 19 December 2057.

LAPSING OF CONSENT

This consent shall lapse in accordance with section 125 of the RMA on the 19th of December 2027, if it is not exercised before that date.

Site Map

Martin Williams

Hearing Commissioners

Under authority delegated by Hawke's Bay Regional Council
19th December 2022

Conditions

1. The activities authorised by this consent shall be undertaken generally in accordance with the Assessment of Environmental Effects dated 30 November 2021 and associated management plans and other information supplied as part of the application for this resource consent. If a conflict arises between any conditions of this consent and the application, the conditions of this consent will prevail.
2. The combined rate of taking from all wells shall not exceed 80 litres per second.
3. The combined volume taken, shall not exceed the following:
 - a) 13,477 cubic metres in any 7 day period; and,
 - b) 666,455 cubic metres within the 12 month period, 1 July to 30 June in consecutive calendar years;

The maximum 7-day and 12 month period volumes for each of the uses is set out in the table below:

Site Water Use	Proposed Volume	
	Weekly (m ³)	Annual (m ³)
Site base load ¹	2,820	
Manufacture of sulphuric acid and fertilisers	7,945	
Sustaining treatment wetland	175	
Maintaining crop cover on irrigation area	1,900	
Subtotal for Operations	12,840	633,240²
Sustaining HARP wetland	637 ³	33,215
Total	13,477	666,455

¹ Site Base Load is domestic usage and site wash water.

² Assuming 48 weeks per year of manufacturing.

³ Using an evapotranspiration rate of 0.7 L/s/Ha and a water surface area of 1.5Ha

4. Water meter(s) shall be installed to monitor the volumes associated with each use outlined in the Table in condition 3 above, prior to the exercise of this consent, and shall be operated and maintained to measure the volume of water taken to an accuracy of +/- 5%.
5. The device(s) required by condition 4 shall be installed and maintained in accordance with the Council's "Technical Specifications and Installation Requirements for Flow Meters" (February 2010) (see Advice Note I).
6. Water take and use data supplied to the Council in accordance with the conditions of this consent shall be collected by a water measuring device or system that has been verified by a suitably qualified person to be accurate to within +/-5% at that point of take within the following time periods:
 - a) For existing devices or systems: within the previous 5 water years (water year is 1 July – 30 June); or,

- b) For new devices or systems: before the end of the first water year (ending 30 June) for that water permit.
7. All water measuring devices or systems shall be re-verified by a suitably qualified person as accurate to within +/-5% within a maximum of 5 years from the date of the previous verification.
 8. From commencement of this consent, the consent holder shall read the water meter at 7-day intervals and shall provide the Council with a record of the following:
 - a) the meter reading (in cubic metres); and
 - b) the date and time of each reading; and
 - c) the point of take that the record relates to.

These records shall be provided to the Council no later than 7 days after the end of each calendar month (see Advice Note II).

9. The consent holder shall, upon request by the Council (Manager Compliance), supply details of the use of water occurring under this consent, including (but not limited to) a full description of all processes that the water is used in, a description of the products that are produced on the site, and confirmation that condition 15 is complied with.
10. All works and structures relating to this resource consent shall be designed and constructed to conform to best engineering practices and at all times maintained to a safe and serviceable standard.
11. The consent holder shall undertake all operations in accordance with any drawings, specifications, statements of intent and other information supplied as part of the application for this resource consent. In the event that there is conflict between the information supplied with the application and any consent condition(s), the condition(s) shall prevail.
12. The consent holder shall ensure that a backflow prevention device is installed and maintained to prevent contaminants from entering the aquifer through the bores. The consent holder shall provide the details and specifications of the back flow prevention devices/systems to Council (Manager Compliance) prior to the exercising of this consent. The device shall be installed, maintained and tested in accordance with the manufacturer's specifications. Records of testing and maintenance shall be kept and provided to the Council (Manager Compliance) upon request.
13. If an event occurs on-site that may lead to contaminants entering groundwater, the Consent Holder shall notify the Napier City Council and the Council (Manager Compliance) of the event as soon as reasonably practicable after the event occurs.

Advice Note:

Such an event might include for example chemical spillage or backflow/loss of chemicals to the well. Napier City Council can be contacted on 835 7579. The Regional Council 24 hour Pollution Hotline should also be contacted on 0800 108 838.

14. To minimise the risk of contaminants entering groundwater, the consent holder shall:
 - a) Ensure that well headworks are constructed and maintained to prevent any leakage and/or movement of water or contaminants between the ground surface and groundwater, and shall ensure that there are no openings through which contaminants might enter the well. This shall include (but not be limited to) ensuring that there are no gaps around any pipework and/or cables at the wellhead.
 - b) Ensure that the well is maintained and serviced by a suitably qualified and experienced person at a frequency suitable for ensuring that condition 14(a) is met, and provide records of this maintenance and servicing to the Council (Manager Compliance) upon request.

- c) In the absence of sufficient records to demonstrate to the satisfaction of the Council (Manager Compliance) that condition 14(a) is met, the consent holder, upon request by the Council (Manager Compliance), shall engage at their cost a suitably qualified and experienced person to inspect and certify that the wells(s) meet the requirements of condition 14(a). The certification shall be provided to the Council (Manager Compliance) within 7 days of its receipt.

Advice note:

For the purposes of this condition, an acceptable "suitably qualified and experienced person" is a professional well driller or well engineer (or equivalent), with demonstrable experience in the field of wellhead security, design, construction and maintenance.

15. Water may not be used under this consent for commercial 'water bottling', where water bottling is defined as the: "taking and using water for bottling in bottles, bladders or other containers for human consumption where bore water makes up at least 90% of the content of the container".

Review

16. The Council may review conditions of this consent pursuant to sections 128, 129, 130, 131 and 132 of the RMA. The actual and reasonable costs of any review undertaken will be charged to the consent holder, in accordance with section 36 of the RMA. The consent(s) may be reviewed for any of the following purposes:
- a) To deal with any adverse effect on the environment which may arise from the exercise of this consent, which it is appropriate to deal with at that time or which became evident after the date of issue;
 - b) To require that the installation and reading of the water-measuring device or water meter data reporting system is consistent with any policies or rules in a regional plan, a National Environmental Standard;
 - c) To modify any monitoring programme, or to require additional monitoring if there is evidence that current monitoring requirements are inappropriate, inaccurate or inadequate;
 - d) To ensure that the rate and volume of water authorised by the consent is consistent with actual water needs for an efficient take for the consented purpose and is physically able to be taken;
 - e) To require, if necessary, the installation of a backflow prevention device to ensure that no contaminant can enter the aquifer through the bore;
 - f) To modify and/or add conditions of consent in order to ensure that it is consistent with the operative provisions of a regional plan. This shall include (but not be limited to) conditions specifying any maximum or minimum levels, minimum flows and associated implementation timeframes, and/or abstraction rates or volumes (including allocation limits).

Advice Notes

Water Meter Technical Specifications

- I. The following documents are available from the Council's website "Technical Specifications and Installation Requirements for Flow Meters" (February 2010) (www.hbrc.govt.nz/services/water/water-metering/meters/) and "HBRCs Requirements for the use of Portable pumps used to report water use" (February 2013) (www.hbrc.govt.nz/assets/Document-Library/Technical-Publications/Technical-Specifications-and-Installation-Requirements-for-portable-pumps-March-2013.pdf). The Telemetry System Installation Form is provided to telemetry installers by the Council upon request.

Administration

Notification of Changes to Details

- II. It is the responsibility of the consent holder to inform the Council (Manager Consents) if any details regarding this consent, including any sale / purchase of the property and any change to contact details.

Routine Monitoring

- III. Routine monitoring inspections will be undertaken by Council officers at a frequency of no more than once every year to check compliance with the conditions of the consent. The costs of any routine monitoring will be charged to the consent holder in accordance with the Council's Annual Plan of the time.

Non-routine Monitoring

- IV. "Non routine" monitoring will be undertaken if there is cause to consider (e.g. following a complaint from the public, or routine monitoring) that the consent holder is in breach of the conditions of this consent. The cost of non-routine monitoring will be charged to the consent holder in the event that non-compliance with conditions is determined, or if the consent holder is deemed not to be fulfilling the obligations specified in section 17(1) of the RMA, which states:

Every person has a duty to avoid, remedy, or mitigate any adverse effect on the environment arising from an activity carried on by or on behalf of the person, whether or not the activity is carried on in accordance with

a) any of sections 10, 10A, 10B, and 20A; or

b) a national environmental standard, a rule, a resource consent, or a designation.

Consent Impact Monitoring

- V. In accordance with section 36 of the RMA (which includes the requirement to consult with the consent holder) the Council will levy additional charges for the cost of monitoring the environmental effects of this consent, either in isolation or in combination with other nearby consents. Any such charge would generally be set through the Council's Annual Plan process.

Debt Recovery

It is agreed by the consent holder that it is a term of the granting of this resource consent that all costs incurred by the Council for, and incidental to, the collection of any debt relating to this resource consent, whether as an individual or as a member of a group, and charged under section 36 of the RMA, shall be borne by the consent holder as a debt due to the Council, and for that purpose the Council reserves the right to produce this document in support of any claim for recovery.

REASONS FOR DECISION

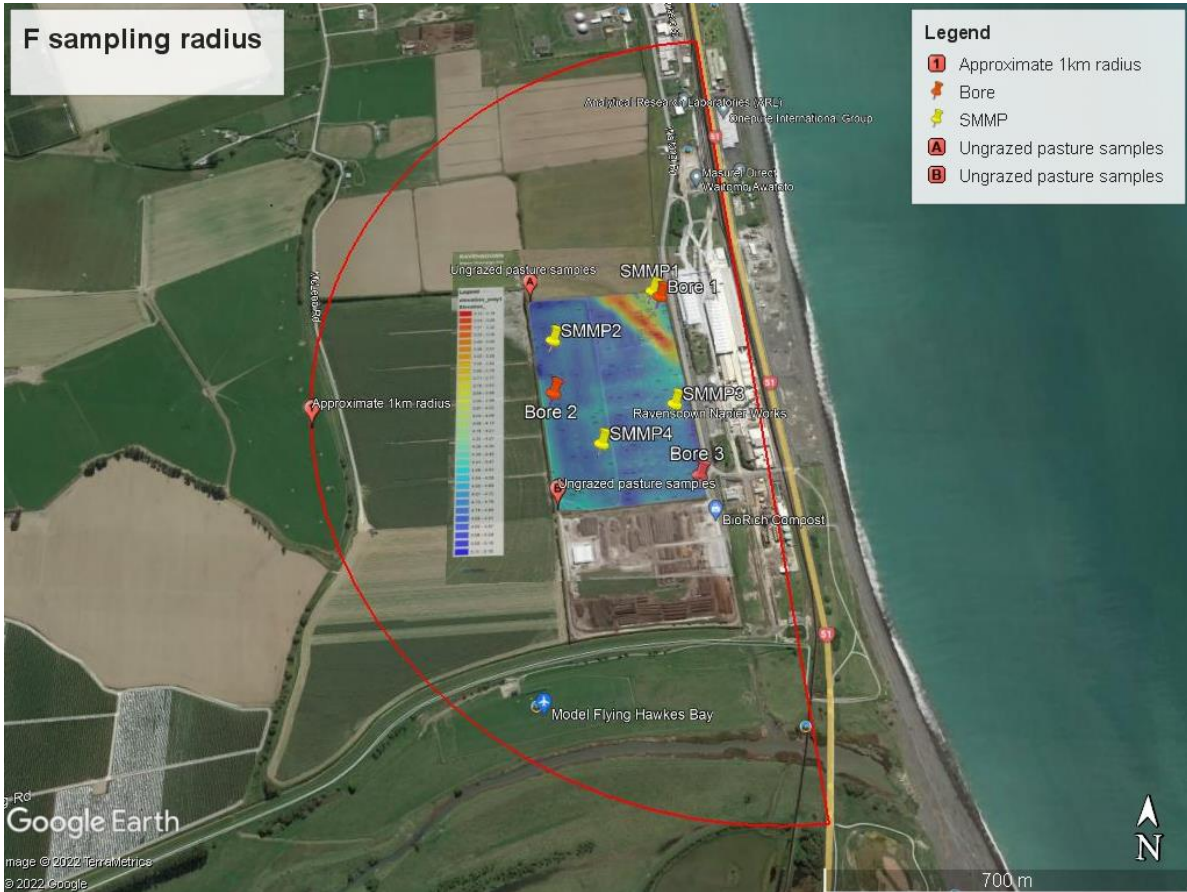
The effects of the activity on the environment will not be more than minor. Granting the consent is consistent with the purpose and principles of the RMA, the National Policy Statement for Freshwater, the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007, the Resource Management (Measurement and Reporting of Water Takes Regulations) 2010, and with all relevant plans and policies.

CONSENT HISTORY

Consent No. (Version)	Date	Event	Relevant Rule	
			Number	Plan
AUTH-127885-01	19/12/2022	Consent initially granted	TANK 11 35	Regional Resource Management Plan (2006) Regional Coastal Environment Plan (2014)
AUTH-127885-01	12/01/2023	S133A (RMA) minor corrections	TANK 11 35	Regional Resource Management Plan (2006) Regional Coastal Environment Plan (2014)

Plans

Plan B – Land Discharge area, Soil Moisture Monitoring and Groundwater Monitoring Bore Locations



Plan D – Plan Showing Water Discharge point, Ravensdown Drain and HARP Area

