



RESOURCE CONSENT

Water Permit

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

Hawke's Bay Regional Council
Private Bag 6006
Hawke's Bay Mail Centre
Napier 4142

Consent number	Purpose	Address	Legal Description	Map References
AUTH-123915-01	To take surface water from Whakaki Lake (associated with constructed Recirculating Wetland site 1 and 2), and to dam water behind an adjustable weir.	State Highway 2 North, Wairoa	Hereheretau B2L2 Block	1995328-5668001 1993466-5668268 1996445-5668456 (weir)

LAPSING OF CONSENT

This consent shall lapse in accordance with section 125 of the RMA on 31 May 2024, if it is not exercised before that date

CONSENT DURATION

This consent is granted for a period expiring on 13 May 2039.

Liz Lambert
Group Manager

REGULATION GROUP

Under authority delegated by Hawke's Bay Regional Council
20th May 2019

CONDITIONS

General

1. 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.
2. The consent holder shall undertake all operations in accordance with *Resource Consent Application for Various Wetland Improvement Works, Whakaki Wetland*, prepared by Stradegy for Hawke's Bay Regional Council, 18077AP1, dated 5 February 2019. If a conflict arises between any conditions of this consent and the application, the conditions of this consent will prevail.
3. 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.
4. The water intakes, recirculating wetlands and discharge points shall be located in the areas in general accordance with Consent Status: Whakaki FIF plan (as shown in Appendix 1).

Water Takes

5. The rate of taking shall not exceed at maximum combined rate of take of **500 litres per second** from the two points of take.
6. The volume taken for water quality improvement shall not exceed the following:
 - a) **1,209,600 cubic metres in any 28 day period**; and,
 - b) **15,768,000 cubic metres within the 12 month period**, 1 July to 30 June in consecutive calendar years.
7. Apart from water lost to evaporation and evapotranspiration, the water abstracted from Whakaki Lake shall be discharged back into the lake after treatment in the recirculating wetlands (authorised to be constructed under consent AUTH-123302-01).
8. Water meter(s) shall be installed prior to the exercise of this consent, and be operated and maintained to measure the volume of water taken to an accuracy of +/- 5%.
9. The device(s) required by condition 8 shall be installed and maintained in accordance with the Council's "Technical Specifications and Installation Requirements for Flow Meters" (February 2010).

Advice Note: 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.
10. Water take and use data supplied to the Council in accordance with 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 - 30th June); or,
 - b) For new devices or systems: before the end of the first water year (ending 30 June) for that water permit.
11. 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.
 12. Where a portable pump is used to take water as authorised by this consent, both the water meter and telemetry devices must be installed, operated and maintained in accordance with the Council's Technical Publication "HBRCs Requirements for the use of Portable pumps used to report water use" (February 2013).

Advice Note: 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.

13. 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.

Advice Note: Resource Management (Measurement and Reporting of Water Takes) Regulations 2010 - Approval for Weekly Record Keeping - In accordance with Regulation 9 of the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010, this shall serve as written notice that the Council grants approval to the consent holder to keep records of measurements of the volume of water taken under the permit on a weekly (7-day period) basis (instead of each day). This approval applies for the period ending 31 May 2039.

14. No water shall be taken during "no take" periods specified by the Council for the purpose of obtaining accurate hydrological measurements, provided that:
 - a) the "no take" period specified by Council is no longer than twenty four (24) hours in duration; and,
 - b) the Council gives at least 7 days notice to the consent holder of the start and finish time of the "no take" period; and,
 - c) consecutive "no take" periods are separated by an interval of at least 14 days.
15. The consent holder shall construct the intake structures using methods and materials non-toxic to aquatic life. The intake structure shall be constructed from non-corrosive materials.
16. The fish screen shall be designed, operated and maintained as far as practical to ensure that fish are prevented from passing through the intake and from being entrained, trapped or

impinged against the fish screen, and the water intake structure shall be designed, constructed, operated and maintained to best engineering practice.

17. The fish screen shall be designed and certified as meeting the design requirements of the conditions of this consent by a suitably qualified professional. The design of the fish screen shall take into account the rate of take of water authorised under AUTH-123915-01 and *Fish screen: good practice guidelines for Canterbury*.

Advice Note: *Fish screen: good practice guidelines for Canterbury*, National Institute for Water and Atmospheric Research, NIWA Client Report: CHC2007-092, October 2007 are available online: <https://www.doc.govt.nz/Documents/conservation/native-animals/Fish/fish-passage/fish-screen-guidelines.pdf>

Advice Note Water Intake structure - Fish screen: The design calculations take into account the rate of take authorised by AUTH-123915-01. If the consent holder wishes to change the rate of take and/or modify the intake structure, the consent holder may need to apply to change conditions to this consent.

18. Prior to exercising this consent, the consent holder shall provide to the Council (Manager Compliance) details of the design of the fish screen to be installed under this consent and water take infrastructure to be installed under AUTH-123302-01 for approval. The consent holder shall not commence installation until the Council has approved the design.
19. The fish screen must remain fully intact and attached to the supply pipe.
20. The consent holder shall regularly clean the fish screen to clear any blockages of the screen holes (such as algae and sediment).

Review

21. 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 times of service of notice of any review is during the month of May, of any year. The purposes of review are as follows:
 - 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, in accurate 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 and is physically able to be taken;
 - e) To modify or add any condition to ensure that water is allocated in accordance with an operative plan.
 - f) To deal with adverse effects if this water take is found to be consumptive to the extent that the water take is having adverse effects on water quality and aquatic ecology of the Whakaki wetland.

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 requirements of any relevant NPS, Regulations, NES regulations and with all relevant plans and policies.

ADVICE NOTES

Notification of Changes to Details

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

Water Quality Testing

- ii. It is the responsibility of the consent holder to ensure that the water abstracted under this resource consent is of suitable quality for its intended use. Where water is to be used for human consumption, the consent holder should have the water tested prior to use and should discuss these requirements with a representative of the Ministry of Health and should consider the following Drinking Water Standards (see link below): <https://www.health.govt.nz/system/files/documents/publications/drinking-water-standards-2008-jun14.pdf>

Resource Consents

- iii. The consent holder is responsible for ensuring that they obtain all of the necessary resource consents to undertake activities relating to the weir and water quality improvement process prior to commencement of exercising the activities. The consent holder shall contact the Council (Manager Consents and Manager Compliance) if they require further resource consents.

Private Property

- iv. This consent does not give the consent holder permission to do works or operate on private property. The consent holder must make their own arrangements with the landowners for access.

MONITORING NOTE

Routine monitoring

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

"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 shown below.

Section 17(1) of the RMA 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

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.








CONSENT HISTORY

Consent No.	Date	Event	Relevant Rule	Relevant Plan
AUTH-123915-01	20/05/2019	Consent initially granted	35 and 46	Regional Coastal Environment Plan (8 November 2014) (RCEP)

APPENDIX 1: SITE PLAN – RECIRCULATING WETLANDS, WATER TAKE, AND WATER DISCHARGE

Consent status- Whakaki FIF 12-02-2019

Legend

-  Recirculating wetland
-  GPS coordinates
-  Water discharge
-  Water take
- Consent status**
-  Didn't signed
-  Not engaged yet
-  Signed Consent

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