

Stream Works Conditions – RM240066

Site and Dam Details

1. River being Dammed: Unnamed

Plan Zone, Catchment: Moutere Surface Water Zone, Moutere

Catchment Area (ha): 9

Dam Height (m): 8

Dam Storage (m³): 39,000

Council Dam Number: 130

Location at or about point of take: East: 1606201, North: 5435286 (NZTM)

Plan A: Dam cross section

Plan B: Dam spillway

Advice Note 1:

Dam 130 is a large dam under the Building Act with a historical interim NZSOLD PIC hazard classification of “Low”. The PIC hazard classification for this large dam requires revising under the Building (Dam Safety) Regulations 2022.

Advice Note 2:

Building Consent will be required for any modification works associated with the dam structure, including any reduction in dam height, unless an exemption is granted by the Council.

Maintenance

2. The Consent Holder shall regularly inspect the dam and associated structures and shall maintain them in a good state of repair.

Advice Note:

Any discharge of sediment to water from instream maintenance or remediation works must comply with the criteria of the relevant permitted activity rule(s) in the TRMP, or separate consent to discharge sediment to water is required.

3. As and when required, the Consent Holder shall provide appropriate rock protection (or similar) at the outlet of the spillway and downstream sufficient to prevent erosion of the spillway and the downstream watercourse. Rockwork or other inert material shall also

be placed within the dam impoundment area (banks) to minimise erosion (eg, wave lap erosion) as and when required.

4. The dam embankment and within 5 metres of the toe (of the dam) shall be maintained clear of trees and any vegetation more than 1.5 metres in height and any other vegetation that prevents inspection of the dam and associated structures.

Advice Note:

Only grass and/or shallow-rooting shrubs are appropriate vegetation for dam embankments.

5. If any slumping or significant seepage from the dam is observed, the Consent Holder shall immediately engage a Chartered Professional Engineer (CPE) practising in civil engineering to design and/or supervise appropriate remediation works.

Works to alter the dam

6. The works to lower the dam embankment, install pipework and a spillway shall meet the following:
 - (a) the Consent Holder shall ensure that all works are carried out in general accordance with the information submitted in support of application RM240066, including:
 - (i) the Planning Report prepared by Land Dimensions dated 4 October 2022;
 - (ii) the Stormwater Servicing Assessment Ruby Bay Views Limited prepared by Envirolink Limited dated 14 June 2023; and
 - (iii) RM240066 Plans A and B.

In the event that there is any conflict between these documents and any condition(s) of this consent, the conditions shall prevail;

- (b) be designed and certified by a CPE practising in civil engineering;
- (c) design be submitted to Council's Engineering Manager for review and certification prior to issue of the section 224 certificate for the subdivision authorised by RM220843 and before works commence;
- (d) dewatering of the dam water shall not exceed 5 litres per second and not be undertaken during heavy rainfall; and
- (e) the discharge associated with the dewatering or soil disturbance contains no more than 100 milligrams of total suspended solids per litre of water at the point of discharge and shall not contribute to or cause any of the following:
 - (i) the production of any scums or foams, or conspicuous floatable or suspended material.
 - (ii) any emission of objectionable odour; and

- (iii) any adverse effect on aquatic life.
- (f) shall be completed within 24 months from commencements of works.

Engineer Inspection

7. If requested by the Council, the Consent Holder shall engage a CPE practising in civil engineering to undertake a dam safety inspection within 30 working days of being requested by Council. The CPE shall submit an inspection report to Council within 10 working days following their inspection. The report shall detail the current condition and structural integrity of the dam and shall detail recommended remediation works to ensure the structural integrity of the dam is kept in a sound condition. Upon certification of the report by Council's Team Leader Compliance & Investigation, the Consent Holder shall undertake and complete the recommended remediation works within 3 months from the date from which the report was certified by Council.

Advice Note:

The report will be certified by Council as being a report that provides an adequate inspection summary and recommended remediation measures.

Fish Passage

8. The spillway design shall provide for fish passage into the dam.
9. From the bottom of the spillway to at least 20 metres downstream the Consent Holder shall install boulders and/or boulder clusters.

Review of Conditions

10. The Council may within 3 months of the anniversary of the granting of this consent each year, review any or all of the conditions of the consent pursuant to Section 128 of the Resource Management Act 1991 for all or any of the following purposes:
 - (a) to deal with any unexpected adverse effect on the environment which arises from the exercise of the consent, including adverse effects on downstream landowners, on bed or bank erosion or instream values;
 - (b) to require compliance with operative rules in the Tasman Resource Management Plan (TRMP) including requirements and rules relating to the operation and maintenance of dams;
 - (c) to ensure consistency with any dam safety regulations under the Building Act or other relevant legislation; and
 - (d) to require changes to the dam to ensure that the dam is not adversely affecting flooding during storm events.

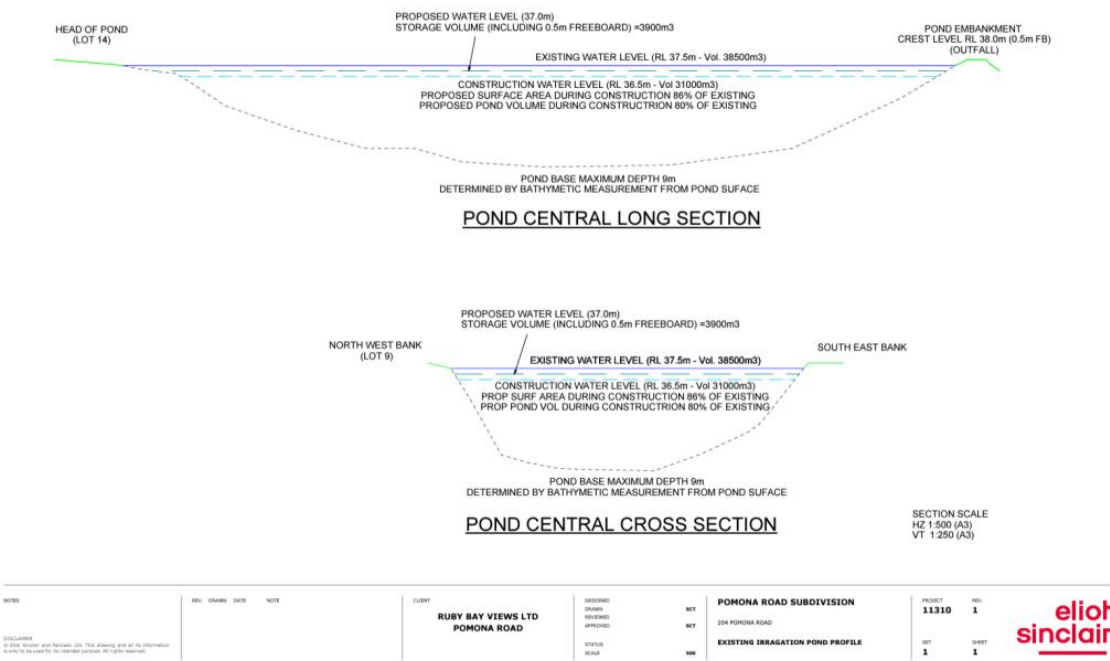
Expiry

11. This consent shall expire on 31 May 2040.

GENERAL ADVICE NOTES

1. Pursuant to Section 36 of the Resource Management Act, the Consent Holder may be required to pay the reasonable costs associated with the monitoring of this consent.
2. Nothing in this consent authorises the trespass of any part of a dam, including any associated structure or any ponded water, onto any land without the consent of the landowner.
3. If requested, the Consent Holder shall maintain an appropriate level of public liability insurance cover throughout the life of the dam and produce evidence of cover on request.
4. Access by the Council or its officers or agents to the land subject to this consent is reserved pursuant to Section 332 of the Resource Management Act.
5. This resource consent only authorises the activity described above. Any matters or activities not referred to in this consent or covered by the conditions must either: 1) comply with all the criteria of a relevant permitted activity rule in the Tasman Resource Management Plan (TRMP); 2) be allowed by the Resource Management Act; or 3) be authorised by a separate resource consent.
6. Any works to the dam may require a building consent.

RM240066 Plan A: Dam cross section



RM240066 Plan B: Dam Spillway

