

1 August 2017



Cloud Ocean Water Limited
62 Newhaven Terrace
Mairangi Bay
Auckland 0630

Customer Services
P. 03 353 9007 or 0800 324 636

PO Box 345
Christchurch 8140

P. 03 365 3828
F. 03 365 3194
E. ecinfo@ecan.govt.nz

www.ecan.govt.nz

Dear Sir/Madam

Notice of Resource Consent Decision

Record Number(s): CRC180265
Applicant Name: Cloud Ocean Water Limited
Activity Description: to install a bore
Decision: Granted

Decision

The decision of Environment Canterbury is to grant your application on the terms and conditions specified in the attached resource consent document. The reasons for the decision are:

1. The activity will achieve the purpose of the Act.
2. The activity is not contrary to objectives and policies in the relevant planning provisions

Commencement of consent

Your resource consent commences from the date of this letter advising you of the decision.

If you object to or appeal this decision, the commencement date will then be the date on which the decision on the appeal is determined.

Lapsing of consent

This resource consent will lapse if the activity is not established or used before the lapse date specified on your consent document. Application may be made under Section 125 of the Resource Management Act 1991 to extend this period.

Your rights of objection and appeal

- **Objection to Decision**
If you do not agree with the decision of the consent authority, you may object to the whole or any part in accordance with Section 357A(1)(g) of the Resource Management Act 1991 (RMA). Notice of any objection must be in writing and lodged with Environment Canterbury **within 15 working days** of receipt of this decision in accordance with Section 357C(1) of the RMA.

- **Right to Appeal**

You may appeal the decision of the consent authority to the Environment Court in accordance with section 12 of the RMA. , The notice of appeal must be lodged with the Court within 15 working days of receipt of this decision, at PO Box 2069, Christchurch. A copy of the appeal should also be forwarded to Environment Canterbury within the same timeframe.

If you are in any doubt about the correct procedures, you should seek legal advice.

- **Objection to Costs**

Section 357B of the RMA allows you to object to costs. Your objection must be received **within 15 working days** of the date on which you receive your invoice. Your objection must be in writing and should clearly explain the reasons for your objection as detailed in section 357C of the RMA.

Monitoring of conditions

It is important that all conditions of consent are complied with, and that the consent holder continues to comply with all conditions, to ensure that the activity remains lawfully established.

You can find online Information regarding the monitoring of your consent at www.ecan.govt.nz/monitoringconsent.pdf.

Charges, set in accordance with section 36 of the Resource Management Act 1991, shall be paid to the Regional Council for the carrying out of its functions in relation to the administration, monitoring and supervision of resource consents and for the carrying out of its functions under section 35 of the Act.

Further information about your consent

For some activities a report is prepared, with officer recommendations, to provide information to the decision makers. If you require a copy of the report please contact our Customer Services section. You can find online information about your consent document at www.ecan.govt.nz/yourconsent.pdf.

Queries

For all queries please contact Customer Services Section quoting your CRC number noted above.

Thank you for helping us make Canterbury a great place to live

Yours sincerely



Consents Planning Section

cc:
Clemence Drilling Contractors Limited
65 Main North Road
Kaiapoi 7691

RESOURCE CONSENT CRC180265

Pursuant to Section 104 of the Resource Management Act 1991

The Canterbury Regional Council (known as Environment Canterbury)

GRANTS TO: Cloud Ocean Water Limited

A LAND USE CONSENT (S9): to install a bore

COMMENCEMENT DATE: 01 Aug 2017

EXPIRY DATE: 01 Aug 2022

LOCATION: 20 Station Road, Belfast

SUBJECT TO THE FOLLOWING CONDITIONS:

- 1 Bore BX24/1577, (proposed depth 170 metres below ground level, with a diameter not exceeding 300 millimetres), shall be located within the area marked on Plan CRC180265, which forms part of this consent.

Advice Note: *This consent does not allow the taking of water.*
- 2 Only one aquifer or water-permeable zone shall be accessed by a single bore.
- 4 Prior to commencing bore drilling and installation the consent holder shall remove the upper 300mm layer of soil at least a metre radius from the proposed bore casing.
- 5 The annulus of the bore shall be sealed with either grout or bentonite to above the screen pack or one metre below ground level, whichever is the lesser, to prevent fluid movement down the sides of the casings into the screened collection layers.
- 6 The top of the bore shall be covered or capped to prevent contaminants entering the bore and underlying groundwater.
- 7 A concrete pad of at least 0.3 metres radius and 0.1 metres thickness shall be constructed around the bore head at ground or pumphouse floor level to prevent leakage of groundwater, any movement of the casing, and any material or surface water entering the bore or annulus. The concrete pad shall slope away from the bore.
- 8 The bore shall be easily identifiable by a permanent label, which may be welded or engraved on the casing, or on the equivalent fixed part of the well construction or associated building. The numbering on the label shall be the bore number assigned by the Canterbury Regional Council and referred to in Condition (1).
- 9 Access to allow water level measurements to be taken in the bore(s) shall be established, and maintained, via a bung and socket with a minimum diameter of 20 millimetres installed in the bore casing or headworks.

- 10 In the event of any discovery of archaeological material:
- a. the consent holder shall immediately:
 - i. Cease earthmoving operations in the affected area and mark off the affected area; and
 - ii. Advise the Canterbury Regional Council of the disturbance; and
 - iii. Advise Heritage New Zealand Pouhere Taonga of the disturbance.
 - b. If the archaeological material is determined to be Koiwi Tangata (human bones) or taonga (treasured artefacts) by Heritage New Zealand Pouhere Taonga, the consent holder shall immediately advise the office of the appropriate runanga (office contact information can be obtained from the Canterbury Regional Council) of the discovery.
 - c. If the archaeological material is determined to be Koiwi Tangata (human bones) by Heritage New Zealand Pouhere Taonga, the consent holder shall immediately advise the New Zealand Police of the disturbance.
 - d. Work may recommence if Heritage New Zealand Pouhere Taonga (following consultation with runanga if the site is of Maori origin) provides a statement in writing to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance that appropriate action has been undertaken in relation to the archaeological material discovered. The Canterbury Regional Council shall advise the consent holder on written receipt from Heritage New Zealand Pouhere Taonga that work can recommence.

Advice Note:

This may be in addition to any agreements that are in place between the consent holder and the Papatipu Runanga. (Cultural Site Accidental Discovery Protocol).

Advice Note:

Under the Heritage New Zealand Pouhere Taonga Act 2014 an archaeological site is defined as any place associated with pre-1900 human activity, where there is material evidence relating to the history of New Zealand. For sites solely of Maori origin, this evidence may be in the form of accumulations of shell, bone, charcoal, burnt stones, etc. In later sites, artefacts such as bottles or broken glass, ceramics, metals, etc, may be found or evidence of old foundations, wells, drains, tailings, races or other structures. Human remains/koiwi may date to any historic period.

It is unlawful for any person to destroy, damage, or modify the whole or any part of an archaeological site without the prior authority of Heritage New Zealand Pouhere Taonga. This is the case regardless of the legal status of the land on which the site is located, whether the activity is permitted under the District or Regional Plan or whether a resource or building consent has been granted. The Heritage New Zealand Pouhere Taonga Act 2014 provides for substantial penalties for unauthorised damage or destruction

- 11 The information requirements of the BORE COMPLIANCE REPORT CRC180265 shall be completed and returned to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance, within 20 working days of the completion of construction of the bore.
- 12 The information requirements of the BORE INSTALLATION REPORT, including the installer's or driller's GPS eight digit map reference (e.g. M35:1234-5678), shall be completed and returned to the Canterbury Regional Council, Attention: Regional Leader - Monitoring and Compliance within 20 working days of the completion of construction of the bore.

Issued at Christchurch on 1 August 2017

Canterbury Regional Council

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0 0.02 0.04 0.06 0.08
Kilometres

Scale: 1:1,600 @A4

Map Created by Environment Canterbury on 28/07/2017 3:27:39 p.m.



Bore Compliance Report

- to be completed by the consent holder

TO: Environment Canterbury
P.O. Box 345
Christchurch

Phone Customer Services 03 353 9007 or
0800 EC INFO (0800 324 636)
Fax: 03 365 3194

(Please complete all relevant sections)

a) Bore Details

Resource Consent Number :

Bore Number :

Bore Owner :

Street or Road :
(of bore location)

Location :
(of bore)

Phone Number :

Driller :

For Office Use Only

File Ref

b) Have you attached either a Bore Installation Report or a Driller's Report?

* If NO, why not

c) LOCATION of the Bore

The actual location of your bore is extremely important as it establishes a point on the map from which all future measurements are made. Your water allocation and that of your neighbours could be affected by it.

Please supply a map or grid reference to at least 10m accuracy e.g. taken with a (handheld) GPS system.

as a map Reference : e.g. M35:1234-5678 (NZMG 'old') or (NZTM 2000) BX24:1234-5678

OR
a grid reference: Easting: Northing: e.g. 234678-5267812 (NZMG) or (NZTM 2000) 1461395-5155712

OR
a Longitude: Latitude:: Either Decimal Degrees or Minutes (seconds)

Attach the Bore Compliance Plan with the ACTUAL location marked on it with a cross in dark pen.

d) KOIWI TANGATA

Were any Koiwi Tangata (human bones) or taonga (treasured artefacts) disturbed during drilling?

If Yes, were the runanga contacted?

NOTES TO CONSENT HOLDERS

1. PLEASE ANSWER ALL QUESTIONS IN ALL RELEVANT SECTIONS
IF THE FORM IS NOT FULLY COMPLETED IT WILL BE RETURNED TO YOU
2. If the Drillers log is not attached, answer all questions in the Bore Installation Report - even if this means writing down 'don't know' or 'not applicable'.
3. If you require more forms or assistance please contact Customer Services at Environment Canterbury 0800 EC INFO (0800 32 4636)

Bore Number

BX24/1577

e) BORE HEAD - Bore construction – refer to your consent conditions

Have you sealed around the bore head at ground level?

Yes No Will be

What is the sealing material?

Concrete Bentonite

Has the bore been covered?

Yes No Will be

Has the bore been given a permanent label?

Yes No Will be

Has a water level measurement access device been installed?

Yes No Will be

Has a tap been fitted on the outlet side of the bore discharge main?

Yes No Will be

f) DECOMMISSIONED BORES For damaged bores

Bore number has been decommissioned.

Has the bore been backfilled?

Yes No Will be

What was used to backfill the bore?
(e.g. concrete grout, sand, clay or cuttings)

If the bore has not been backfilled has it be permanently capped?

Yes No Will be

Has the bore been sealed at the surface?

Yes No Will be

Comments:.....

g) DIVINER This question is optional and for statistical purposes only.

Did you use a diviner to position the well?

Yes No

Diviner's name:

h) All sections above have been answered and all the necessary attachments have been enclosed.

Signed:

Date:.....

The information you provide is official information. It will be used together with other official information to assist in the management of the region's natural and physical resources. Access to information held by Environment Canterbury is administrated in accordance with the Local Government Official Information and Meetings Act 1987, and the Privacy Act, 1993.



Bore Log Report

(Renamed Bore Installation Report)

It is normally sufficient to attach a completed Driller's report to the Bore Compliance Report. The Driller's report should include the information requested on this form. If a Driller's report is **NOT** attached, please complete this form.

Bore Number:

CRC

Consent Number:

Provide a NZ grid reference for the bore location, accurate to 10 metres:

NZTM2000:	1 _ _ _ _ _ mE	5 _ _ _ _ _ mN
NZ Map Grid:	2 _ _ _ _ _ mE	5 _ _ _ _ _ mN
WGS84:	Latitude _ _ ° _ _ ' _ _ " S	Longitude _ _ ° _ _ ' _ _ " E

BORE AND GALLERY CONSTRUCTION DETAILS

Date completed: / / 20

Bore Depth: metres below ground level

Bore diameter (at the top): millimetres

Length of the Gallery (m): Width (m): Depth (m):

Direction of gallery from intake point: N-NE-E-SE-S-SW-W-NW (circle)

Primary Drilling Method: ROTARY / CABLE TOOL / MACHINE DUG / DRIVEN / PERCUSSION /

Secondary Drilling Method: ROTARY / CABLE TOOL / MACHINE DUG / DRIVEN / .PERCUSSION /

Casing material: STEEL / PVC / CONCRETE /

BORES ONLY

Well head sealed below ground level?: YES NO (circle one)
(gaps between casing and ground need to be grouted)

Screen(s) installed?: YES NO (circle one)

Screen 1 Screen type: STAINLESS STEEL / PVC / SLOTTED CASING /
(state if other type)

Set at metres to metres below ground level

Screen 2 Screen type: STAINLESS STEEL / PVC / SLOTTED CASING /
(state if other type)

Set at metres to metres below ground level

(if more screens, add this information separately)

Measuring Point for Water Levels: (circle one) TOP OF CASING / GROUND LEVEL /

Measuring Point distance from ground level: metres BELOW / ABOVE ground level

Is the well flowing artesian? YES NO (a flowing artesian well has water flowing out of the well at ground level)

Initial Water Level: metres BELOW / ABOVE GROUND LEVEL / MEASURING POINT
(after drilling was completed)

