

20 February 2015



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

Simons Pass Station Limited
Attn To: Murray Valentine
PO Box 5546
Moray Place
Dunedin 9058

Dear Sir/Madam

NOTICE OF RESOURCE CONSENT DECISION(S)

RECORD NO: CRC155315

NAME: Simons Pass Station Limited..

The decision of Environment Canterbury is to grant your application(s) on the terms and conditions specified in the attached resource consent document(s). Your resource consent(s) commences from the date of this letter advising you of the decision. The reasons for the decision are:

Any adverse effects on the environment as a result of the proposed activity will be minor.

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.

If you do not agree with the consent authority decision, you may object to the whole or any part. Notice of any objection must be in writing and lodged with Environment Canterbury within 15 working days of receipt of this decision.

Alternatively you may appeal to the Environment Court, PO Box 2069, Christchurch. The notice of appeal must be lodged with the Court within 15 working days of receipt of this decision, with a copy forwarded to Environment Canterbury within the same timeframe. If you appeal this decision, the commencement date will then be the date on which the decision on the appeal is determined. If you are in any doubt about the correct procedures, you should seek legal advice.

You can find online information about your consent document at www.ecan.govt.nz/yourconsent.pdf and also information regarding the monitoring of your consent at www.ecan.govt.nz/monitoringconsent.pdf. These booklets contain important information about your consent and answers some commonly asked questions about what will happen next in the life of your resource consent. There is an Annual Compliance Monitoring Charge associated with every consent. For details of this, please refer to page 10 of the "Monitoring Your Consent" booklet.

Our Ref: CRC155315
Your Customer No: EC306150
Contact: Customer Services

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.

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

For all queries please contact our Customer Services Section by telephoning (03) 353 9007, 0800 ECINFO (0800 324 636), or email ecinfo@ecan.govt.nz quoting your CRC number above.

Yours sincerely

A handwritten signature in black ink, appearing to be 'J. S.', written in a cursive style.

CONSENTS PLANNING SECTION

RESOURCE CONSENT CRC155315

Pursuant to Section 104 of the Resource Management Act 1991

The Canterbury Regional Council (known as Environment Canterbury)

GRANTS TO:	Simons Pass Station Limited
A LAND USE CONSENT:	Install a bore
COMMENCEMENT DATE:	20 Feb 2015
EXPIRY DATE:	20 Feb 2017
LOCATION:	Tekapo-Twizel Road, Pukaki

SUBJECT TO THE FOLLOWING CONDITIONS:

- 1 Bore BZ16/0082, (proposed depth 60 metres below ground level, with a diameter not exceeding 760 millimetres), shall be located within the area marked on Location Plan CRC155315, which forms part of this consent.
- 2 Only one aquifer or water-permeable zone shall be accessed by a single bore.
- 3 All aquifers or water-permeable zones of differing pressure, water quality, or temperature shall be sealed to prevent the interconnection or movement of groundwater between aquifers or water-permeable zones.
- 4 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.
- 5 The top of the bore shall be covered or capped to prevent contaminants entering the bore and underlying groundwater.
- 6 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.
- 7 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).

- 8 A device shall be installed in each bore to allow water measurements to be taken by one of the methods used below:
- a. Where a pump riser is present and the lowest water level is less than 20 metres below ground level, install a bung and socket of 15 to 25 millimetres diameter on top of each bore to allow access for water level measurements to be taken using a water level probe; OR
 - b. Where a pump riser is present and the lowest water level is greater than 20 metres, install a pipe of at least 20 millimetres diameter down the well so water level probes can be inserted without being caught in cables or between the flanges of the riser pipes and casings. The pipe should extend to within two metres of the top of each pump. Then take water level measurements using the water level probe; OR
 - c. Where a pump riser is not present either install a removable cap or install a bung and socket of 15 to 25 millimetres diameter on top of the bore to allow access for water level measurements to be taken using a water level probe.
- 9 The bore shall not be installed within 50 metres of a discharge from any on-site sewage system that existed or was authorised before 19 February 2015.
- 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 Kōiwi 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 Kōiwi 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 Māori origin) provides a statement in writing to the Canterbury Regional Council, Attention: Regional Manager RMA Compliance and Monitoring 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 CRC155315 and BORE COMPLIANCE PLAN CRC155315 shall be completed and returned to the Canterbury Regional Council, Attention: Monitoring and Compliance Manager, 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: Monitoring and Compliance Manager, within 20 working days of the completion of construction of the bore.

Issued at Christchurch on 20 February 2015

Canterbury Regional Council

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0 0.06 0.12 0.18 0.24
Kilometres

Scale: 1:4,000 @A4

Map Created by Environment Canterbury on 19/02/2015 12:58:18 p.m.

Bore BZ16/0082 to be drilled in this area

3284

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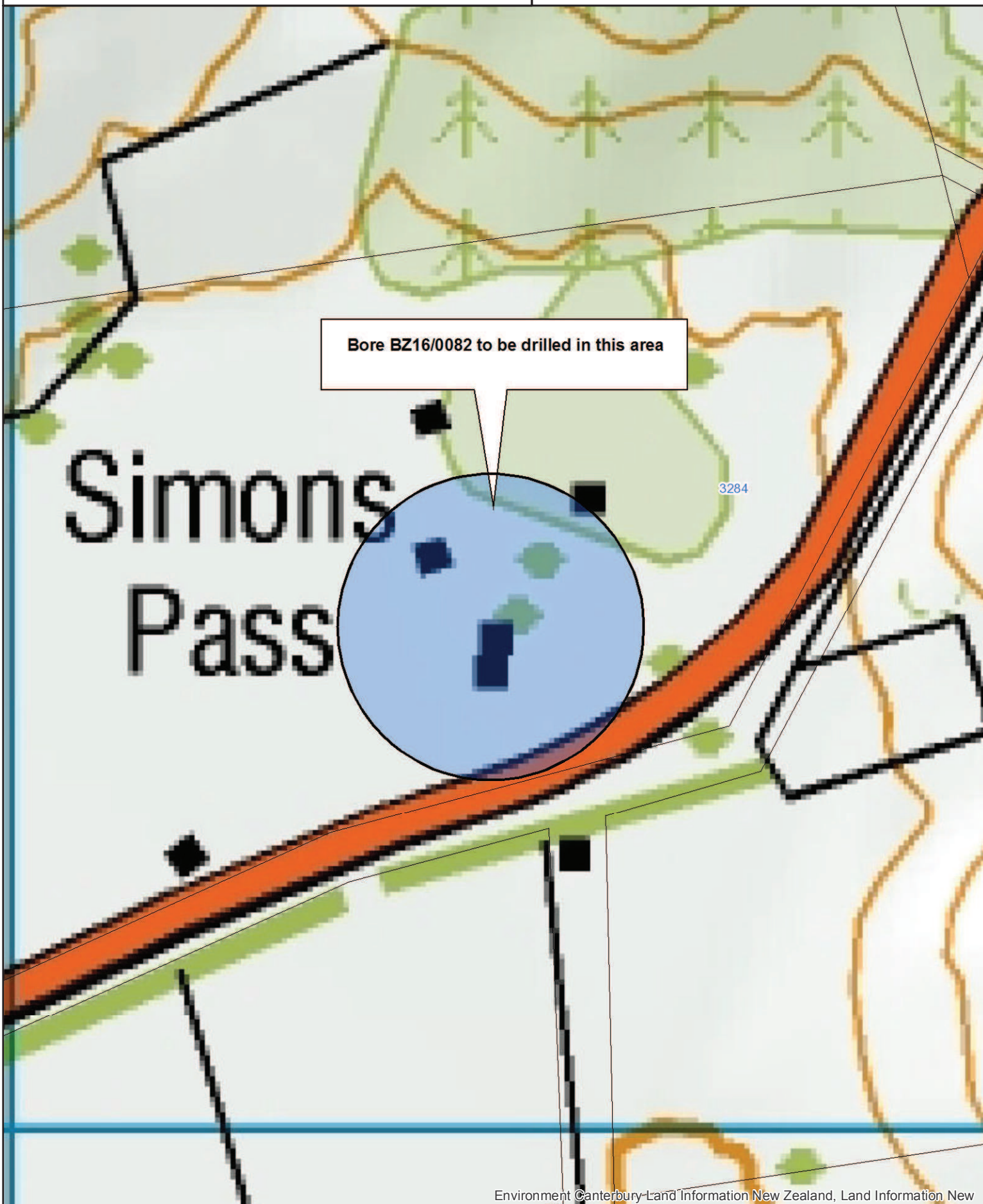
Information from this web site may not be used for the purposes of any legal disputes. The user should independently verify the accuracy of any information before taking any action in reliance upon it.



0 0.06 0.12 0.18 0.24
Kilometres

Scale: 1:4,000 @A4

Map Created by Environment Canterbury on 19/02/2015 12:59:12 p.m.



Bore Completion 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

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 **CRC155315**

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

* If NO, why not

c) LOCATION of the Bore or Intake point of gallery

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.

e.g M35:1234-5678 or (NZTM 2000) BX24:1234-5678 or
7 digit 234678-5267812 (NZMG) or 1461395-5155712 (NZTM)
or Longitude Latitude with decimal degrees or minutes

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

Bores that are deepened or are replacing old Irrigation Bores.

If the original bore has been deepened you will need to apply for your water consent conditions to be changed to include the new bore number and to re-assess the effects of the deeper take.

Have you applied for this ?

Replacement Bores

If your original bore has been replaced and it complies with the following rules, ECan will change your water permit to the new well number: 1) The new location is less than 10m from the old bore; 2) screened at similar depth and 3) when the old bore is decommissioned.

If this needs changing please supply the watertake consent number(s) :

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. If you require more forms or assistance, please contact Customer Services at Environment Canterbury 0800 EC INFO (0800 32 4636).
2. All relevant sections must be completed – if they are not, this form will be returned to you.
3. If a Driller's Report is not attached, answer all questions in the Bore Log Report – even if this means writing down 'don't know' or 'not applicable'.

Bore Number

BZ16/0082

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

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:

(circle one or state other)

ROTARY / CABLE TOOL / MACHINE DUG / DRIVEN / PERCUSSION /

Secondary Drilling Method:

(circle one or state other)

ROTARY / CABLE TOOL / MACHINE DUG / DRIVEN / .PERCUSSION /

Casing material:

(circle one or state other)

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:

(state if other type)

STAINLESS STEEL / PVC / SLOTTED CASING/

Set at

metres to

metres below ground level

Screen 2 Screen type:

(state if other type)

STAINLESS STEEL / PVC / SLOTTED CASING /

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:

(after drilling was completed)

metres

BELOW / ABOVE

GROUND LEVEL / MEASURING POINT

YIELD TEST

Bore Number:

A yield/drawdown test or step test is useful to determine the potential yield of the bore following bore development.

Test Date: / / 20...

Initial Water Level (before test): metres

BELOW / ABOVE

GROUND LEVEL / MEASURING POINT

(circle one)

(circle one)

Pumping Rate (l/s) (l/m) (GPM) <i>(please circle the units)</i>		Draw Down (m) metres below initial water level	Pumping Duration (hrs)
Step 1			
Step 2			
Step 3			
Step 4			
Step 5			
Step 6			

BORE LOG (Please complete this section OR attach the Driller's Report)

Your driller will have compiled a log of your bore describing the sequence of different strata encountered during drilling. This information is vital in the compilation of geological cross-sections and groundwater models, and **must** be included as part of this report.

[illegible]