

Notice of Permitted Activity



Auckland
Regional Council
TE RAUHĪTANGA TAIAO

To Drill, Alter, Replace or Decommission a Bore (Section 9 of RMA 1991)

To: General Manager
Regulatory Services
Auckland Regional Council
Private Bag 92 012
Auckland

Ph: (09) 366 2000
Fax: (09) 366 2155

Toll free: 0800 80 60 40
(calls outside the Auckland area)

Drilling bores or holes – why are you required to notify the ARC?

Section nine of the Resource Management Act 1991 (RMA) provides for the regulation of activities that disturb land, such as drilling bores or holes.

The Proposed Auckland Regional Plan: Air Land and Water (PARP: ALW) Plan may control activities by requiring a resource consent or by allowing for the activity to proceed without consent where it complies with permitted standards or conditions.

By notifying the ARC of a permitted activity you are advising that the activity will be carried out in accordance with permitted standards set out in the plan.

Please read the form and notes fully before preparing your notification of a Permitted Activity.

All information provided with this notice is official information and is available to the public. Access to official information held by the ARC is administered in accordance with the Local Government Official Information and Meetings Act (1987) and the Privacy Act (1993).

Submitting the completed notification / form

This signed form should be mailed to the address above.

If you are in doubt about whether your activity is permitted please contact the ARC for advice. The ARC has a number of fact sheets that may assist you. These can be downloaded from the ARC website. www.arc.govt.nz

More information concerning drilling bores can be found in the Water Fact sheet 3, “**Groundwater and Bores**”.

The ARC will acknowledge this notification of a Permitted Activity under either of rules 6.5.H, 6.5.21 or 6.5.22. (see description in the Bore Drilling Activity Table on Page 7) by endorsing panel 8.0 on page 6 and returning a copy to the notifier and the driller.

For Office Use Only

Notifier: _____

Permitted Activity No. _____

File No: _____

Customer No: _____

Site Address: _____

Contact Details		
1.0 Notifier (Owner of the land)		
<u>Full Name of Notifier(s):</u> <i>(e.g. Albert William Jones and Mary Anne Jones)</i>		
For Companies, Trusts and other Organisations: <i>(give commonly used name)</i>		
Postal Address:		
		Postal Code:
Physical Street Address of Notifier <i>(if different from above)</i>		
		Postal Code:
Phone Numbers		
Business:	Mobile:	Fax:
Email address:		
2.0 Lead Consultant and Drilling Contractor Details <i>(if different)</i>		
Explanation		
If you are using a lead consultant, agent or project manager for the notification, add in their details below. Otherwise just note the drillers details.		
Name and postal address of Lead Consultant/Project Manager:		
Street Address: <i>(if different from above)</i>		
		Postal Code:
Phone Numbers		
Business:	Mobile:	Fax:
Email address:		
Name and postal address of Drilling Contractor:		
Street Address: <i>(if different from above)</i>		
		Postal Code:
Phone Numbers		
Business:	Mobile:	Fax:
Email address:		

Details of Notice

3.0 Site

Address of the property where the bore to be drilled, altered, replaced or decommissioned is located.

Legal description:

Lot

DP

CT

Other:

(A Certificate of Title less than three months old must be attached)

Map reference _____ mE
_____ mN

Use New Zealand Transverse Mercator (NZTM) e.g. 1756730mE 5919740mN.

Use a geographic positions system (GPS) device if possible to obtain a map reference accurate to 10m. The northing follows the easting. If you do not have a map reference, ensure that the location is marked to an accuracy of 10m on your location plan.

Other relevant location Information if appropriate: *(e.g. Valuation reference, proximity to landmarks)*

Tick the appropriate box:

The notifier is the: Owner Occupier Lessee Prospective Purchaser

The Crown Other *(specify)* _____

4.0 Description of the Proposal

A) For drilling and construction of a bore for groundwater level or groundwater quality monitoring (Rule 6.5H) (Tick as appropriate)

- The bore has not yet been drilled Yes No
- The drilling and construction of the bore is not in a Wetlands Management Area. Yes No
- The drilling and construction of the bore shall not disturb any archaeological sites *(Refer ALWP Rule 6.5.21)*. Yes No
- The drilling, construction or decommissioning of the bore shall comply with the NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock. Yes No
- The bore shall not be for the purposes of taking of groundwater except for the removal of a sample for groundwater quality analysis Yes No
- Where more than one aquifer is accessed the construction of the bore shall be such that there is no connection between the aquifers. Yes No

Number of proposed bores: _____

(For an application with multiple bores show the site locations and map references on the site plan 6.0.)

Proposed Construction Details:

Bore Diameter (casing diameter): _____ mm

Bore Depth: _____ m

Casing Depth and Type: _____ m

Predominant Geology into which the bore will be screened:

Alluvium, Geothermal, Greywacke, Kaawa shell, Sand/Gravel, Volcanic, Waitemata sandstone or Other _____

B) For restoration, alteration or replacement of a lawfully established bore to restore an existing lawful water take (Rule 6.5.21)

- The notice is for Restoration / alteration of an existing bore
 Replacement of a bore
- The restored, altered or replacement bore shall be constructed in the same aquifer as the existing bore Yes No
- The replacement bore shall be installed within 10 metres of the existing bore Yes No
- The replaced bore supplies an existing lawful water take Yes No
- The drilling of the bore shall comply with the NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock Yes No
- The ARC shall be notified within 15 working days of the bore being drilled Yes No
- The drilling of the hole shall not disturb any archaeological sites (Refer ALWP Rule 6.5.21) Yes No
- Records shall be kept as per NZS 4411:2001 and forwarded to the ARC within one month of the bore being drilled. Yes No
- Does the existing bore have a permit Yes No
 If Yes, please let us know the consent number or the bore ID.....

Proposed Construction Details:

Bore Diameter (casing diameter): _____ mm

Bore Depth: _____ m

Casing Depth and Type: _____ m

Predominant Geology into which the bore will be screened:

Alluvium, Geothermal, Greywacke, Kaawa shell, Sand/Gravel, Volcanic, Waitemata sandstone or Other _____

C) For abandonment or decommissioning of a hole or a bore (Rule 6.5.22)

- Decommissioned holes and bores shall be backfilled and sealed at the surface to prevent contamination of groundwater. Yes No
- Decommissioned holes and bores intersecting groundwater shall be sealed to prevent the vertical movement of groundwater, and to permanently confine the groundwater to the specific zone (or zones) in which it originally occurred. Yes No

- Sealing materials shall be suitable in terms of their composition, density, strength and corrosion resistance for the site and installation conditions and shall be placed from the bottom upward, by methods that will avoid segregation or dilution of material and the contamination of groundwater Yes No
- Cement used for grout shall be to New Zealand Standard NZS 3022- 1995: Specification for Portland and Blended Cements (General and Special Purpose) Yes No
- Backfill materials where used shall consist of clean sand, coarse stone, clay or drill cuttings. The material shall be non-toxic. Yes No
- The decommissioning of the hole or bore shall comply with the NZS 4411:2001 Environmental standard for Drilling of Soil and Rock. Yes No
- The ARC shall be notified within 15 working days of the bore being decommissioned Yes No
Decommissioned Bore Depth _____m, casing diameter _____mm

5.0 Description of purpose for which the bore will be used or why drilling is to occur.

- | | |
|---|---|
| <input type="checkbox"/> Groundwater investigation (aquifer test) | <input type="checkbox"/> Industrial supply |
| <input type="checkbox"/> Geological investigation | <input type="checkbox"/> Private community water supply |
| <input type="checkbox"/> Geotechnical investigation | <input type="checkbox"/> Municipal supply |
| <input type="checkbox"/> Groundwater investigation (observation/piezo bore) | <input type="checkbox"/> Stock purpose |
| <input type="checkbox"/> Contaminated site investigation (water quality) | <input type="checkbox"/> Dairy shed |
| <input type="checkbox"/> Other (specify) | <input type="checkbox"/> Domestic |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Geothermal use |

6.0 **Site Plan** – Show the following on the Site Plan: (provide one set of plans reduced to A3 / A4 depending the scale of activity)

Title box including:

- The name of the person and/or company that prepared the plans.
- Address of property.
- Date plans were drawn.
- Unique plan reference or identification or variation number where relevant.
- Scale.

Tick box to confirm inclusion on Plan where applicable:

- Legend explaining symbols on the Site Plan.
- North point (orientated to the top of the page if possible).
- Road frontages and names.
- Property boundaries and relation to any water bodies.
- Location of bore to be drilled, altered, replaced or decommissioned.
- The location of any septic tanks, offal pits, contaminated sites, potential contaminants or waste disposal areas within 150m of the bore
- Location of any cultural heritage features including historic, waahi tapu and archaeological sites on the site and environs.

Before signing the declaration below go through the Additional Information section below the declaration section in this notification to ensure you understand the scope of a permitted activity.

7.0 Declaration <i>(to be completed by notifier or agent as noted in Section 2)</i>	
I/we have read and understand the information in this form, and I hereby declare that to the best of my knowledge and belief the activity the ARC is being notified of is a permitted activity and all information provided in this form is true and correct.	
Signature:	
Full Name (print):	
Date:	
Signature:	
Full Name (print):	
Date:	
8.0 Acknowledgement <i>(For ARC Use Only)</i>	
ARC acknowledges receipt of the permitted activity. It has been assigned Permitted Activity number _____ and file number _____ Signed on behalf of ARC _____ Title: _____ Date: _____	

Additional Information

The following definition, activity table and check boxes A – C will help you to determine that the activity is a permitted activity and can proceed without the need to obtain resource consent. If you need assistance with determining the status of the activity please contact the ARC.

Definition of a bore

Any hole that has been constructed to provide access to groundwater (for example, for monitoring of ground or groundwater conditions, abstraction of groundwater or the discharge of stormwater). This definition includes piezometers but excludes piezometers that are constructed into manmade structures such as dams and the refuse in landfills.

Drilling is carried out for geotechnical, geological and hydrogeological investigations, monitoring, installing underground services, installing water bores and for a wide variety of other purposes.

Groundwater quality can be degraded by drilling, constructing and sealing new bores and by poor operation, maintenance and/or abandonment of existing bores. This can occur through introducing contaminated waters, cross-aquifer contamination by linking aquifers of different water quality and linking surface water and groundwater of different quality.

Degrading groundwater quality can indirectly affect the quantity of water available, while poorly installed bores can also dewater aquifers.

Chapter six, Water Allocation of the PARP:ALW (June 2005) deals with issues associated with water quality and allocation, that is:

- the taking and use, of fresh water and geothermal water;

- the damming of surface water;
- the diversion of groundwater; and
- the quantity, level and flow of water in any water body.

Drilling is also addressed in chapter six because of its association with the taking of groundwater. Diversion of stormwater is addressed in chapter five and diversion of rivers and streams in chapter seven of the Plan.

If the bore is intended for taking water, then it is important to know whether the bore is in a High Use Aquifer Management Area (HUAMA) which are identified on the PARP:ALW October 2004 Map Series two (sheets 1-19). They are described in section 3.5 of the PARP:ALW.

The proposed bore construction and final drillers bore log will also assist in determining if your bore abstracts water from a high use aquifer. Talk to ARC staff if you are uncertain.

More information concerning drilling bores can be found in the Water Fact sheet 3, “**Groundwater and Bores**”.

Bore Drilling Activity Table

The PARP: ALW status and rule for any activity that includes drilling a bore or a hole is summarised in the following table. Most rules are subject to standards and terms given in the PARP: ALW. (A more complete list of provisions should be obtained from the Plan).

Activity	Bore constructed to provide access to groundwater in aquifer	In Wetlands Management Area	Disturb Archaeological Site or Waahi Tapu area	Notification required on a prescribed form	Accessing more than one aquifer	Status of the Activity	PARP: ALW Rule
Hole decommissioned within three months	No	No	No	No	No	Permitted	6.5.18
Stormwater disposal	No	No	No	No	No	Permitted	6.5.19
Operating, using and maintaining lawfully established bore	Yes	-	-	-	-	Permitted	6.5.20
Alteration or replacement of lawfully established bore to restore existing lawful water take	Yes	-	No	Yes	No	Permitted	6.5.21
Decommissioning of a hole or bore	Yes	-	-	Yes	-	Permitted	6.5.22
Drilling and construction of a bore for groundwater level or quality monitoring purposes	No	No	No	Yes	No	Permitted	6.5.H
Drilling a new bore	Yes	No	No	-	-	Controlled	6.5.23
Drilling a hole not decommissioned within 3 months.	No	No	No	-	Yes	Controlled	6.5.I
Drilling a new bore in wetland	Yes	Yes	-	-	-	Discretionary	6.5.25
Any drilling activity that does not comply with above rules	-	-	-	-	-	Discretionary	6.5.26