



### INFORMATION FOR DRILLERS

Under the [Land and Water Regional Plan \(LWRP\)](#), drilling a bore in Canterbury does not require a resource consent, provided the bore meets the requirements to be a permitted activity. This includes the drilling company being a member of the [Bore Installers Programme \(BIP\)](#).

Membership of the BIP is optional. As a member, you agree to conditions including undertaking pre-drilling assessments, checks during drilling, meeting construction standards, and submission of bore details to Environment Canterbury (ECan). If you are not a member of the BIP, resource consent is required before drilling most bores.

**The installation of a bore does not authorise the taking or use of water.** It is your client's responsibility to check the requirements for taking water from their bore and to apply for a resource consent if required. We recommend your clients seek advice regarding taking water prior to drilling.

#### HOW DO I BECOME A MEMBER OF THE BIP?

Fill in and submit the **application form** on our [website](#).

We will review each application. Should we require additional information, we will contact you.

Once your application has been processed and endorsed, we will issue you a certificate and your company details will be displayed on our website.

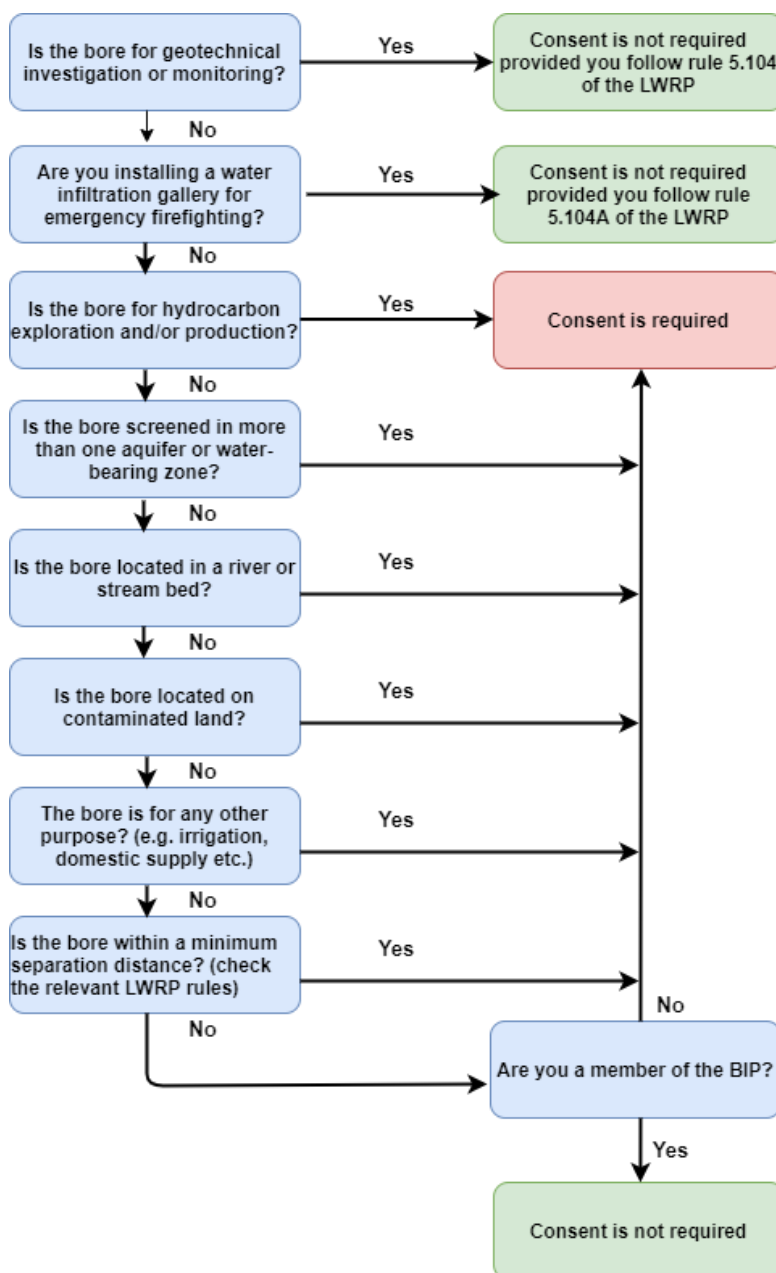
There is no fee for applying or for being a member of the BIP.

**Terms and conditions** relating to the BIP are on our website.

#### UNDER WHAT CIRCUMSTANCES WILL I NEED CONSENT TO DRILL A BORE?

There are instances where consent is required to drill a bore, even if you are a member of the BIP, as indicated by the flowchart.

If you need further information, please contact [borelogs@ecan.govt.nz](mailto:borelogs@ecan.govt.nz).



## HOW DO I MEET THE REQUIREMENTS OF THE BIP?

### General requirements

1. Comply with the relevant rules in the
  - a. [LWRP](#) (rules 5.103 – 5.110; 5.113, 5.114, 5.136, 5.137)
  - b. [Flood Protection and Drainage Bylaw 2013](#) (rules 5.1 – 5.4).
2. Obtain any competency standard introduced by the New Zealand Drilling Federation or other professional/regulatory body.

### Pre-drilling requirements

1. Obtain permission from the landowner.
2. Check whether the bore is to be located in:
  - a. a contaminated land parcel
  - b. a Rūnanga Sensitive Area
  - c. an area requiring archaeological authority.
3. Check whether the bore requires authority under the [Flood Protection and Drainage Bylaw](#) or consent under the [LWRP](#).

A **step-by-step guide** on how to undertake these pre-drilling assessments is available on our website.

If your pre-drilling assessment indicates that the proposed bore is in an area that would require consultation, authority, or consent to drill, you may wish to relocate the bore. If you are unsure whether your proposed bore site is in such an area, please contact us.

Please also consider distance from the nearest bore, depth of the proposed bore, distances from septic tanks, landfills, etc. ECan can provide advice on such considerations.

### During drilling requirements

1. Construct the bore in compliance with the Environmental Standard for Drilling of Soils and Rocks (NZS 4411:2001) where possible.
2. If an archaeological site is discovered during site works, [Heritage New Zealand Pouhere Taonga Act 2014](#) you to:
  - a. Cease work immediately within a radius of 20 m of the site;
  - b. Cease all earthmoving operations and mark off the affected area;
  - c. Advise CRC and Heritage New Zealand Pouhere Taonga of the disturbance;
  - d. Inform New Zealand Police and the office of the appropriate rūnanga if the

archaeological material is determined to be kōiwi tangata (human bones) or taonga (treasured artefacts) by the Heritage New Zealand Pouhere Taonga.

- e. Work may recommence if the Heritage New Zealand Pouhere Taonga (following consultation with rūnanga if the site is of Māori origin) provides a statement in writing to CRC, Attention: Groundwater Science Manager, that appropriate action has been undertaken in relation to the archaeological material discovered. The CRC shall advise the member on written receipt from the Heritage New Zealand Pouhere Taonga that work can recommence.
3. Prevent contaminants or water from entering the bore or groundwater by:
    - a. Covering and capping the bore and bore head appropriately;
    - b. Sealing the exterior of the bore with bentonite or concrete grout from ground level to above the screen or 1 m below ground level; whichever is lesser;
    - c. Sealing the bore-head or above ground portion of the gallery pipe at ground or pump house floor level with a concrete pad of at least 0.3 m radius and 0.1 m thickness, contoured to slope away from the bore.
  4. All bore-heads or above ground portion of the gallery pipe at ground, must be above ground level and not at risk of being overtopped by water.
  5. Undertake all aquifer and step tests in accordance with schedule 11, or any later equivalent, of the Land and Water Regional Plan.
  6. Provide ECan with bore details within 20 working days of drilling completion via our [online borelog portal](#) or an agreed electronic format.

We have a [guide](#) on our website to assist you with upload to the borelog portal. To obtain a login and password for the portal, please contact us.

If you are decommissioning a bore, you must ensure that contaminants are prevented from entering the bore by filling it with clean material and compacting or sealing at the surface.

### **WILL MY PERFORMANCE BE CHECKED?**

Yes. We will audit members of the BIP to ensure they are fulfilling their requirements. We will need proof that you are complying with the conditions of the BIP, so suggest documenting your pre-, during-, and post-drilling assessments. Failure to prove you have undertaken these assessments can result in suspension or termination from the BIP.