

## 1.0 Regional Consent Conditions – Drilling (Northern)

---

To drill below the water table for dewatering spears associated with the Ashbourne Northern Solar Farm.

- (1) The wells shall be constructed and maintained and/or abandoned such that each well will not cause cross contamination between hydraulic units (aquifers) in any water (including ground water and geothermal water)
- (2) The wells shall be completed and sealed such that leakage of water or contaminants to or from the ground surface is prevented.
- (3) Materials used for well construction shall be of such quality and strength to enable the wells to be completed without casing or seal leakage during construction or subsequent well operation
- (4) If the well is to be used for taking water, it shall be located at least 50 metres horizontally from a lake or stream
- (5) Upon completion of a well, wastes introduced to the well during drilling and construction shall be removed
- (6) If Artesian conditions are encountered, a conductor casing shall be grout sealed to ensure control of potential flowing artesian ground water and to prevent instability of the ground at the well head. Well head completion shall be such that ground water leakage under flowing artesian pressures is prevented
- (7) The WRC shall be notified of the anticipated date of drilling commencing if the wells are not to be drilled within three months of this consent being granted
- (8) A log for each well drilled shall be forwarded to the WRC within two months of drilling being completed. Each log shall show:
  - (a) The location of the hole/well
  - (b) Date of completion
  - (c) Duration of drilling
  - (d) Depth and diameter of the hole/well
  - (e) The method of drilling
  - (f) Full construction details
  - (g) The subsurface geology
  - (h) Full results of any tests (e.g. well yield, temperature, water quality) undertaken on the drilled hole/well
  - (i) A site diagram.
- (9) The activity shall not disturb any archaeological site or waahi tapu as identified in any district plan or by Heritage New Zealand except where Heritage New Zealand approval has been obtained

(10) Abandoned or obsolete wells must be identified and decommissioned to prevent contamination. Advice of decommissioning of bores should be provided to WRC within twenty working days of the work being completed.

**Note 1:** If an existing well is to be decommissioned then this should be properly capped and sealed by a driller, and Council advised of this. If you are decommissioning a well, you must ensure that contaminants are prevented from entering the well by filling it with clean material and compacting or sealing the surface.

**Note 2:** This consent authorises the construction, use and maintenance of the well only, and does not authorise the taking of water from the well. Taking of water from the well and its subsequent use is addressed under relevant rules of the Waikato Regional Plan which determine whether it is a permitted activity or if additional resource consent is required.

Advice Notes:

- This land use consent does not give any right of access over private or public property. Arrangements for access must be made between the Consent Holder and the property owner.
- This land use consent is transferable to another owner or occupier of the land concerned, upon application, on the same conditions and for the same use as originally granted (Sections 134 to 137 of the *RMA*).
- The reasonable costs incurred by *WRC* arising from supervision and monitoring of this/these consents will be charged to the Consent Holder. This may include but not be limited to routine inspection of the site by *WRC* officers or agents, liaison with the Consent Holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
- Note that pursuant to Section 332 of the *RMA*, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
- If an existing bore is to be decommissioned then this should be properly capped and sealed by a driller, and *WRC* advised of this. 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 the surface.