



**environment  
SOUTHLAND**

**Application No: N015-016  
Consent No:202958**

Cnr North Road and Price Street  
(Private Bag 90116)  
Invercargill

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## **Water Permit**

**Pursuant to Section 104B** of the Resource Management Act 1991, a resource consent is hereby granted by the Southland Regional Council (the "Council") to **New Zealand Aluminium Smelters Ltd** (the "consent holder") of **Private Bag 90110, Invercargill** from **12 September 2005**.

**Please read this Consent carefully, and ensure that any staff or contractors carrying out activities under this Consent on your behalf are aware of all the conditions of the Consent.**

### **Details of Permit**

Purpose for which permit is granted:	To take and use groundwater for industrial supply
Location	Tiwai Point, Bluff
- site locality	E47:590:920; E47:640:920; E47:590:910 and E47:640:910.
- map reference	Tiwai groundwater zone
- catchment	
Legal description of land at the site:	Section 1 Block XIV Campbelltown Hundred
Expiry date:	12 September 2040

### **Schedule of Conditions**

1. The consent period is 35 years, commencing upon expiry or surrender of Resource Consent 00072.  
*(NB: Pursuant to Sections 123 and 124 of the Resource Management Act 1991, a new consent will be required at the expiration of this consent. The application will be considered in accordance with the plans in effect at that time, and the adverse effects of the proposed activity.)*
2. This consent authorises the abstraction for water from wells bounded by grid references: NZMS 260 E47:590:920; 640:920; 590:910 and 640:910.

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3. The total abstraction rate shall not exceed 4,546 cubic metres of water per day.
4. The consent holder shall record:
  - daily, the total volume of water taken each day;
  - monthly, the average daily volume of water taken for the month;
  - monthly, maximum daily volume of water taken for the month;
  - monthly, the depth of the water level for each monitoring bore while pumping from the production wells. The monitoring bores are located at the eastern and western end of the well field, as identified in the resource consent application;
5. If volumes above 3,500 m<sup>3</sup>/day are abstracted for three months or longer continuously, the consent holder is to additionally monitor the sentinel wells at monthly intervals. The sentinel wells are located at the outer periphery of the aquifer to monitor possible saltwater intrusion, as identified in the resource consent application. The consent holder is to monitor and record the following about the sentinel wells:
  - the depth of the water levels, and
  - the conductivity level of the water in the wells.

If no effects develop within 12 months, monitoring for this level of abstraction may, with the written approval of the Council's Environmental Compliance Manager, revert to yearly monitoring during summer low ground water conditions.
6. The monitoring results are to be made available to the Council's Director of Environmental Management, or his representative, by 31 March each year.
7. The Southland Regional Council may serve notice of its intention to review the conditions of this consent, in accordance with the conditions of this resource consent and Sections 128 and 129 of the Resource Management Act 1991, during the period February to September each year, for the purpose of:
  - (a) addressing the results of the monitoring undertaken under conditions 4 and 5 of this consent;
  - (b) addressing the monitoring of the rate of, or the effects of, the abstraction;
  - (c) addressing efficiency of water use;
  - (d) applying restrictions at times of low aquifer levels;
  - (e) addressing any adverse effects that could not be foreseen at the time this consent was granted;
  - (f) complying with the requirements of a regional plan, and
  - (g) imposing of financial contribution condition.

for the **Southland Regional Council**

W J Tuckey

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**Director of Environmental Management**