

**Resource Consent:** AUTH139551.01.01

**Consent Type:** Water permit

**Consent Subtype:** Groundwater take

**Activity authorised:** To take groundwater, including geothermal water, associated with the dewatering of the Martha Pit and associated underground workings including the Martha Underground Mine.

**Location:** Waihi

**Lapse Period:** Five years from the date of commencement

**Spatial Reference:** NZTM 1851702 E 5858472 N

**Consent Duration:** This consent shall:

- i) commence five years from the date of grant unless the consent holder has by notification in writing to the Waikato Regional Council nominated an earlier commencement date; and
- ii) expire 25 years from the date of commencement.

**Subject to the conditions overleaf:**

## CONDITIONS

### GENERAL

- 1 The activities to which this consent relates shall be generally undertaken in accordance with "Project Martha: Applications for Resource Consents and Assessment of Environmental Effects" and associated appendices dated 25 May 2018 and recorded as document number 12546836 on the Waikato Regional Council's document management system, and as identified in the resource consent conditions below which shall prevail in the event of any inconsistency between the aforementioned documentation and the conditions.
- 2 The consent holder shall notify the Waikato Regional Council in writing at least 10 working days in advance of the first exercise of this consent.

### SCHEDULE ONE

- 3 The consent holder shall comply with the common conditions between the Waikato Regional Council and Hauraki District Council in Schedule One ~~as relevant~~~~which relate~~ to the management of the mining and rehabilitation activities authorised by this consent.

### DEWATERING LEVEL

- 4 The exercise of this consent shall not result in groundwater lowering to a level below 500mRL.

### MONITORING

- 5 Upon commencement of this consent, the consent holder shall monitor the volume of water abstracted on a weekly basis and shall report this to the Waikato Regional Council.
- 6 Upon the first exercise of this consent the consent holder must telemeter – via a telemetry system developed after liaison with the Waikato Regional Council to ensure that the telemetry system is compatible with the Waikato Regional Council telemetry system standards and data protocols – continuous 15 minute values of: gross take volume (in units of cubic metres). The data must be reported once daily to the Waikato Regional Council via the telemetry system. There must be 96 values, respectively, per daily report. When no water is being taken the data must specify the gross take volume and calculated net take volume as zero.
- 7 The consent holder shall monitor the chemistry of the water abstracted under this consent. Prior to the commencement of this consent the sampling parameters and frequencies shall be agreed with the Waikato Regional Council, with the results forwarded to the Waikato Regional Council on an annual basis. The consent holder may change the sampling parameters and frequencies with the agreement of the Waikato Regional Council.

### OTHER WATER USERS

- 8 If, in the opinion of the Waikato Regional Council, the exercise of this consent adversely affects any existing stock, domestic or other water supplies, then the consent holder shall, at its own cost, be responsible for providing to the owner of those water supplies an alternative equivalent water supply, to the satisfaction of Waikato Regional Council. The consent holder shall be responsible for making an alternative water supply available within 12 hours of being directed to do so by the Council.

### ~~MONITORING OF THE SHALLOW AND DEEP AQUIFERS~~

- ~~9 The consent holder shall upon commencement of this consent and at five yearly intervals thereafter, provide a report to the Waikato Regional Council commenting on the effect the groundwater take and dewatering activity is having on the deep and shallow Waihi Basin aquifers. The report shall as a minimum, provide the following information:~~

~~(a) The nature of the Waihi basin geology;~~

~~(b) Comment on the historical and existing groundwater chemistry for the deep and shallow aquifers;~~

~~(c) Comment on the historical groundwater levels in the deep and shallow aquifers;~~

~~(d) Identify any known and observed spring presence and flows within the Waihi Basin;~~

~~(e) Provide details of any wetland areas and any other known aquatic ecological that is dependent on the surface contribution of shallow and deep groundwater outflows within the Waihi Basin;~~

~~(f) Historical rainfall data; and~~

~~(g) Any known land use data.~~

~~Taking into account all of this information (and any other relevant data) the consent holder shall provide comment on the effects the dewatering activity is having on the shallow and deep aquifers within the Waihi Basin.~~

#### **ADMINISTRATIVE CHARGES**

~~109~~ The consent holder shall pay to the Waikato Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 360 of that Act.

#### **REVIEW OF CONDITIONS**

~~110~~ Pursuant to Section 128(1)(a)(i) and (iii) of the Act, the Waikato Regional Council may, 12 months from the commencement of this consent and annually thereafter, or on receipt of any of the reports required by this consent, review any or all of the conditions of this consent for the following purposes:

(a) To review the effectiveness of the conditions of this resource consent in avoiding, remedying or mitigating any adverse effects on the environment that may arise from the exercise of this consent, and if necessary to avoid, remedy or mitigate such effects by way of further or amended conditions. In deciding to undertake a review and where further or amended conditions are deemed necessary, the Waikato Regional Council shall have regard to all of the information contained in the reports required under the conditions of this consent;

(b) To address any adverse effects on the environment which have arisen as a result of the exercise of this consent that were not anticipated at the time of commencement of this consent; or

(c) To review the adequacy of, and the necessity for, any of the monitoring programmes or management plans that are part of the conditions of this consent.

~~1211~~ Pursuant to Section 128(1)(a)(i) and (iii) of the Act, the Waikato Regional Council may review Conditions 40 to 45 in Schedule One of this consent following any change made to the Trust Deed referred to in Condition 40 of Schedule One.

Dated at Hamilton this **x** day of **Month/Year**

