

## 1.0 Regional Consent Conditions – Temporary Groundwater Take

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### Water Permit - Groundwater Take

To temporarily take groundwater for dewatering purposes (construction of pump stations – ‘Central and Northern’), temporarily take groundwater for dust suppression purposes during earthworks in association with the Ashbourne Residential Subdivision earthworks and associated infrastructure to construct the Greenway and WW trench

Consent duration 10 years

### 1.1 General Conditions

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- (1) The activities authorised shall be undertaken in general accordance with the information and plans<sup>1</sup> submitted by the Consent Holder in support of AUTHXXXXXXXX as listed in Table 1 and received by the *Environmental Protection Authority*, and subject to the following conditions. In the event of a conflict between the documents in Table 1 and the conditions of these resource consents, the conditions of these resource consents shall prevail.
- (2) The Consent Holder shall be responsible for all contracted operations relating to the exercise of this resource consent and shall ensure contractors are made aware of the conditions of this consent and their requirement to comply with those conditions.
- (3) A copy of this resource consent and any certified management plans shall be kept onsite at all times that the works authorised by this resource consent are being undertaken and shall be produced without unreasonable delay upon request from a servant or agent of *WRC*.
- (4) Any reference in these conditions to a New Zealand Standard includes any later New Zealand standard that amends or replaces it.

#### 1.1.1 Fees and Charges

- (5) The Consent Holder must pay to the consent authority any administrative charge fixed in accordance with Section 36 of the *RMA*, or any charge prescribed in accordance with regulations made under Section 360 of the *RMA*.

#### 1.1.2 Consent Lapse

- (6) Pursuant to clause 26(2) of Schedule 5 to the *FTAA*, the consents numbered RCXX shall lapse ten (10) years from the date of commencement unless it has been given effect to, surrendered, or been cancelled at an earlier date.

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<sup>1</sup> All Management Plans lodged with the application are DRAFT and subject to change through the certification process.

### 1.1.3 Review

- (7) The **WRC** may during July each year from commencement of construction until 2 years after construction is completed serve notice on the Consent Holder under Section 128(1) of the RMA to review the conditions of this consent where::
- (a) A material adverse effect which was not identified in the **AEE** (and supporting material for the resource consent application) has arisen; or
  - (b) The magnitude of adverse effects from the project are materially larger than what was indicated in the **AEE** (and supporting material for the resource consent application).

Costs associated with any review of conditions of this consent will be recovered from the Consent Holder in accordance with the provisions of Section 36 of the **RMA**.

### 1.2 Pre- Start Requirements

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- (8) The Consent Holder shall appoint a representative(s) prior to commencement of any works authorised by this resource consent, who shall be **WRC**'s principal contact person in regard to matters relating to this consent. The Consent Holder shall inform **WRC** of the representative's name and how they can be contacted prior to this consent being exercised. Should that person(s) change during the term of this resource consent, the Consent Holder shall immediately inform the **WRC**, and shall also give written notice of the new representative's name and how they can be contacted.
- (9) Prior to the commencement of activities authorised by this consent on the site, the Consent Holder shall hold a pre-start meeting that:
- (c) Is scheduled not less than ten (10) working days (or such other timeframe that is agreed in writing between the Consent Holder and **WRC**) before the anticipated commencement of works.
  - (d) Outlines the strategy, sequence and approach to constructing each basin.
  - (e) Confirms the approach to management plans and what is relevant per delivery stage(s).
  - (f) Is attended by the site representative, the contractor, and any other relevant party representing the Consent Holder, including the Consent Holder's Ecologist who will introduce and explain the relevant ecological management plans, implementation and purpose.

At least ten (10) working days prior to the meeting, shall invite the following parties to the pre-start meeting:

- i. **WRC** compliance monitoring officer[s] and engineers; and
- ii. representatives from Ngāti Hauā, Ngāti Hinerangi, and Raukawa.

### 1.3 Dewatering

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- (10) The daily diversion volume authorised by this resource consent to construct the Greenway, wastewater pump stations, wet wells, and wastewater pipelines is 454 m<sup>3</sup>/day.

Ground water take volumes shall be in accordance with the *Hydrogeological Assessment prepared by WGA titled 'Ashbourne Development Hydrogeological Effects Assessment Appendix D and E dated June 2025*.

- (11) The maximum dewatering depths and methodologies shall be in accordance with the Ashbourne Development Hydrogeological Effects Assessment *dated June 2025* unless the **WRC** certifies otherwise.
- (12) The daily groundwater take for dust suppression purposes from the bore will be used for development of 10 to 15 ha at any one time at a rate of up to 336 m<sup>3</sup>/day for up to 168 days in a calendar year.
- (13) On all days when dewatering occurs, recharge trenches (if used) and/or settlement ponds shall be checked and maintained daily by the Consent Holder to achieve optimal infiltration capacity and groundwater recharge and/or surface water management at all times. The methods of monitoring and maintaining recharge trenches and/or settlement ponds shall be included in the certified **GMCP or OMMP as relevant**.

### 1.3.1 Expert Supervision

- (14) The Consent Holder shall ensure that all dewatering and associated activities are supervised by suitably qualified and experienced practitioners and the site engineer.

### 1.3.2 Waste Water Pump Stations

- (15) The wastewater pump station referred to as 'WWPS Northern and WWPS Central', inlet pipe, wet well and underground storage facility shall be designed in accordance with the layout and general accordance with the **RITS** requirements as set out in *the Infrastructure Report prepared by Maven Associates titled 'XXXX', dated XX December 2025*.
- (16) The dewatering for the excavation for the Central WWPS installs shall be to 60.83m RL and the maximum drawdown for the excavation for the Central WWPS install shall be to 61.43m RL.
- (17) The Consent Holder shall implement a water measuring system to quantify the volume of water taken on a continuous daily basis prior to works commencing that relate to the taking of water. The water measuring system shall have a reliable calibration to flow and be maintained to an accuracy of +/- 5%. Prior to commencing to take groundwater under this resource consent, evidence of the water measuring system's calibration to an accuracy of +/- 5% shall be provided to the **WRC**.
- (18) Additional calibration of the water measuring system to ensure that the system has an accuracy of +/- 5% shall be undertaken by the Consent Holder at the written request of **WRC**.
- (19) Evidence documenting each respective additional calibration shall be forwarded to the **WRC** by the Consent Holder within one month of the calibration being completed.
- (20) During construction the Consent Holder shall maintain a continuous daily record of water taken for dewatering purposes. The record shall state:
  - (a) The groundwater take location;
  - (b) The date on which the water was taken;
  - (c) The total daily volume of water abstracted (m<sup>3</sup>);
  - (d) Zero values when no water is being taken;

- (e) The total number of pumping hours per day; and
  - (f) The maximum dewatering depth level.
- (21) Following construction, within one calendar month, the Consent Holder shall identify a minimum of 15 groundwater monitoring sites for long term monitoring of the groundwater level response. These will be focused on the existing monitoring bores. The selected bores will be chosen based on areas of observed initial response and recorded in the **GMCP** monitoring.
- (22) The Consent Holder shall monitor temporary dewatering monitoring sites during the pumped period and for a week following cessation of pumping.
- (23) Where no groundwater level response is observed the groundwater monitoring sites will be reviewed by a SQEP in hydrogeology three months after the construction phase ceases. The site will be removed through a variation to the **GMCP** if monitoring of that site is no longer required.
- (24) An annual groundwater monitoring report will be prepared by the Consent Holder within one calendar month following completion of construction for a period of 2 years and provided to **WRC**.
- (25) That the **TARP** required in accordance with **Condition [22]** above shall set ground and surface water Alert and Alarm Trigger Levels for all dewatering activities. The details of which proposed groundwater level monitoring sites and methods and be set out as per the below:
- **Green** – drawdown (below baseline) that is within predicted range
  - **Amber** – drawdown at the upper end of the predicted range
  - **Red** – drawdown exceeding the predicted range, and/or potentially triggering damaging settlement
- (26) The expected drawdown levels that inform the **TARP** shall consider the influence of background levels, including seasonal groundwater fluctuations at the time of monitoring.
- (27) In the event that a Green, Amber or Red alert level is triggered, the Consent Holder shall carry out the trigger level response actions as detailed in the certified **GMCP, TARP** and these conditions.
- (28) The Consent Holder shall submit all required baseline monitoring data to the **WRC**, as collected and recorded in accordance with the **GMCP** and associated **TARP**, prior to commencement of any dewatering activities.

#### 1.4 Reporting

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- (29) The Consent Holder shall provide the results of the **GMCP** groundwater and the respective **TARP's** monitoring to the **WRC** on a by monthly basis for the duration of works associated with this consent. The results shall be presented in a format which shows the monitoring results compared against trigger levels, along with a summary analysis of any data trends and forecasts.

#### 1.5 Advice Notes

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- The construction, operation, maintenance and management of the Ashbourne Greenway, pump stations and is authorised by a suite of resource and land use consents

that operate in an integrated manner and must be read and implemented together. Reference should be made to all consents in the suite. These are:

- i. AUTHXXXXXXXX
  - ii. AUTHXXXXXXXX
  - iii. ...etc
- This resource 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 resource 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.