

# Proposed bulk entitlement review 2024

Barwon Water is undertaking a series of technical assessments to lead into our bulk entitlement review for the Anglesea borefield.

## Project commences

### What's involved?

- Develop Bulk Entitlement (BE) review plan
- Consult with key stakeholders (agencies and authorities)
- Engage specialists
- A joint technical expert panel will be established for both BW and Alcoa
- Continue to share updates with our community throughout the project

## MAP baseline condition reports

### What's involved?

- Develop baseline condition reports using the surface water, groundwater, ecological, acid sulfate soil and land survey data collected under the MAP
  - These reports will help inform need for further monitoring assessments
- Output**
- Revised conceptual models on hydrology, ecological and acid generation processes

## Monitoring assessment

### What's involved?

- Six month pumping test
  - Test the updated groundwater model against drawdown, flows and surface water levels
  - Monitor for changes in terrestrial and ecological ecosystems, acid generation processes, groundwater quality and land subsidence
- Output**
- Long term sustainability of extraction

## Anglesea Groundwater Model

### What's involved?

- Update numerical GW model
  - Complete predictive modelling – forecasting various pumping & climate scenarios
- Output**
- Predicted drawdown, flows and surface levels
  - Revised LEVF and PWT groundwater balances
  - Revised Anglesea Groundwater Model (numerical model)

## Bulk Entitlement review reporting

### What's involved?

- Consolidation of reports and monitoring data, addressing requirements of the BE including identifying any potential risks associated with the extraction of groundwater
- Develop bulk entitlement review report and submit to DELWP
- Public consultation period

Notify the Minister of our intention to conduct review  
July 2022

November 2021 – July 2022

Pumping test commencing in  
summer 2022

Model completed March 2023

BE review due to the Minister  
August 2024