

Baseline Environmental Condition Report

The Baseline Environmental Condition Report compiles and consolidates over 10 years of data collected as part of the Monitoring and Assessment Program (MAP). This includes the following data, which was presented at our last community information session and is available on Barwon Water's Anglesea borefield web page:

- Groundwater levels
- Groundwater quality
- Surface water flows & levels
- Surface water quality
- Aquatic ecology
- Terrestrial ecology
- Acid sulfate soil investigations
- Land level surveying
- Rainfall gauging

In addition to the surveys undertaken by Ecology Australia as part of the MAP, the local community provided information of frog calling from the greater Anglesea area. This local knowledge is incredibly valuable.

How will the baseline report be used?

The baseline report will provide a long-term understanding of each of the parameters monitored, and how these vary over time (for example, the relationship between water levels and pH; or types and number of frogs). This data will then be used in conjunction with the outputs from the groundwater model to inform the risk assessment component of the BE review and help distinguish between climate and pumping-derived influences.