

# A message from CS Energy



The CS Energy team wishes you a safe and happy festive season.

We appreciate your time and access to your properties you have given over this year.

Our team will be on Christmas leave from Friday 22 December until 8 January.

If any unexpected issues arise during the Christmas closure you will be able to contact Holly Evelyn, PFAS Project Lead, for assistance on **0429 157 833**.

## Project updates

In the final months of this year we have progressed our program of work so that we can submit a response to the Environmental Evaluation (EE) issued by the Department of Environment and Science. This is due in March 2024.

Work completed over the past few months includes:

- The last quarterly technical monitoring round for this year.
- The last landholder sampling round for this year.
- Soil remediation at source areas at the power station site, including finalising work to remove some concrete at the fire training grounds and remediating the soil underneath.
- Installing an additional 11 new groundwater monitoring bores at key locations within and adjacent to the power station site so we can improve our seepage recovery and minimise water leaving site.

To date, sampling results show that concentrations of PFAS are generally stable and in some areas reducing, across the investigation area. There has been some variation in results between sampling events. However, the technical monitoring program indicates that a long-term trend is developing where the levels are remaining stable or reducing.

## Looking to 2024

### ***Human Health and Ecological Risk Assessment***

Our key package of work for early 2024 will be to submit the EE and complete the Human Health and Ecological Risk Assessment (HHERA).

A HHERA looks at specific risks to human health and the environment by looking at exposure pathways – such as drinking water, eating food and bathing in water impacted by PFAS.

It takes a holistic approach to understand what the combined risk of each individual pathway is. A qualified risk assessor (a member of the Australasian College of Toxicology & Risk Assessment) will undertake this assessment and make recommendations on the level of risk associated with each exposure pathway and if

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any actions are required to be taken.

As part of this work we will be submitting to the risk assessor all of the data we have collected to date, including water sampling results, soil remediation, hydrogeology reporting and aquatic biota sampling for their review.

The expected timeframe and process for the risk assessor's work is:

## **January-February**

- Initial review of the data submitted and develop a conceptual model of the investigation area and identify any data gaps.

## **March-mid 2024**

- Close any data gaps with CS Energy. Complete the risk assessment process. Based on the data collected and the drinking water and food standard guidelines in place in Australia, assess and identify if there are any areas in the investigation area where there might be a risk that needs further management.
- Deliver a report to CS Energy.

## **Post report**

- CS Energy will discuss the findings with Queensland Health and with you.

## **Further sampling**

We will pick up the quarterly technical monitoring program early next year.

In addition, we are looking at scheduling in a fourth round of sampling for all landholders between January and April. CS Energy and Epic Environmental will be in touch to arrange this with you.

Once again, thank you for working with the CS Energy team this year. We wish you a happy and enjoyable Christmas.

Holly Evelyn