

31 March 2026

Fitzroy – ACCU’s Surrender Information Request

Please find Fitzroy’s response to your email received on 25th March 2026.

If limitations in available technologies affected the level of carbon abatement undertaken at the facility during the period

Technology exists to capture methane released from underground ventilation systems. The technology requires specific concentration ranges which do not accommodate for the capture of low concentrations of methane. The system aims to capture concentrations in the range of 0.2 – 0.3%, however, our methane concentration falls outside this range at 0.17%. Therefore, further works is required to develop this technology to successfully abate our emission.

If there are barriers, including regulatory barriers, to undertaking carbon abatement at the facility

This technology has been tested in other states, however, the technology is untested in Queensland and its regulatory environment. There are two significant barriers restricting this technology moving forward. The barriers consist of:

- **Cost:** the cost to install one unit was estimated at approximately \$100M, which is cost prohibitive for any operations. For our organisation to implement this technology, we would require a capital investment in the realm of \$300M.
- **Legislative:** this type of technology has not been tested under the Queensland Coal Mining & Safety Act 1999. Prior to any capital investment commitment, our organisation would require approval that this technology is acceptable in an operational environment.

Information about future opportunities for undertaking carbon abatement at the facility

Ironbark No.1 has an existing agreement where mine waste gas can be delivered to a third party owned gas fired power station.

A feasibility study is also being undertaken to assess the benefit of sealing off unproductive sections of underground operations.

Yours sincerely,

Thomas Keating

Thomas Keating (Mar 31, 2026 08:39:44 GMT+10)

Tom Keating

**Chief Financial Officer
Fitzroy Coal Management**