

Notice

Water Act 2000

Notice of approval of underground water impact report

This statutory notice is issued by the chief executive¹ pursuant to section 385(4) of the Water Act 2000 to advise you of the decision to approve your underground water impact report.

AGL Energy Limited; CH4 Pty Ltd; Arrow CSG (ATP364) Pty Ltd; Bow CSG Pty Ltd
c/Arrow Energy Pty Ltd
Level 39, 111 Eagle Street
BRISBANE QLD 4000

Reference: Arrow Bowen Basin

Attention: Ty Flemingham

Ty.flemingham@arrowenergy.com.au

Dear Ty

Re: Notice of approval of Underground Water Impact Report

The chief executive received the underground water impact report (UWIR) described below.

1. Report details

Date UWIR received: 17 May 2022

In relation to: Petroleum Lease (PL) 191, 196, 223, 224 and 486
Authority to Prospect (ATP) 1103, 742 and 1031

2. Decision

The chief executive has approved the UWIR with conditions. Please find attached the conditions of approval (Attachment A). The approved report takes effect on 2 August 2022.

3. Public notice

As per section 386 of the *Water Act 2000*, within 10 business days after receiving this notice of approval, you must:

- publish a notice about the approval on your website that states that copies of the approved report may be obtained from you and how the copies may be obtained; and

¹ The Department of Environment and Science is the chief executive for Chapter 3 of the *Water Act 2000*.

Notice of approval of underground water impact report

- give a copy of this notice of approval to each bore owner of a water bore within the area to which the report relates.

Within 15 business days after receiving this notice of approval, you must advise the chief executive that you have complied with the requirements outlined above.

4. Penalties

Under section 386(1) of the *Water Act 2000*, failure to comply with this direction notice is an offence.

- A maximum penalty for a corporation is 250 penalty units, totalling \$35,937

5. Human rights

A human rights assessment was carried out in relation to this decision and it was determined that no human rights are engaged by the decision.

If you have any questions regarding this notice please contact Eleanor Read, Senior Environmental Officer on the email listed below.

Yours sincerely,



Signature

2 August 2022

Date

Clancy Mackaway
Manager
Department of Environment and Science
Delegate of the chief executive
Water Act 2000

Enquiries:
Eleanor Read
GPO Box 2454, BRISBANE QLD 4001
Telephone: (07) 3330 5715
Email: undergroundwater@des.qld.gov.au

Attachments

Attachment A - Conditions of approval

Attachment A- Conditions of approval

Annual Review

- (1) The **responsible entity** must submit to the **chief executive** a summary of the annual review required under section 376(e)(ii) of the Water Act 2000, within 20 business days after each **anniversary day**, or another date agreed to in writing by the chief executive. The annual review must provide an analysis and a statement of whether there has been a material change in the information or predictions used to determine the IAA.
- (2) The Annual Review Summary submitted to the chief executive must include:
 - a. a review of the accuracy of the IAA and LTAA maps;
 - b. a description of how the water management strategy has been implemented within the period of the annual review and that this update has been provided to the OGIA;
 - c. any new hydrological data that significantly alters the conceptual model;
 - d. whether new production testing or production has been undertaken or is planned; and
 - e. whether the predictions made in section 8 of the UWIR have materially changed.

Monitoring

- (3) All monitoring required of the responsible entity under the **UWIR** must be undertaken by a **suitably qualified person**.
- (4) All laboratory analyses and tests of monitoring undertaken under the UWIR must be carried out by a laboratory that has **NATA** accreditation for such analyses and tests.
- (5) Notwithstanding condition (3), where there are no laboratories that have NATA accreditation for a specific analyte or substance, then duplicate samples must be sent to at least two separate laboratories for independent testing or evaluation.
- (6) The methods of groundwater sampling required by the UWIR must comply with the latest edition of the *Queensland Monitoring and Sampling Manual*, AS/NZS 5667:11 1998 *Water Sampling Guidelines – Part 11 Guidance on sampling groundwater*, and the Australian Government's *Groundwater Sampling and Analysis – A Field Guide* (2009:27 GeoCat #6890.1) as relevant as may change from time to time.

DEFINITIONS

Anniversary day means each anniversary of the day the first UWIR took effect – 21 March.

Chief executive means the Director-General of the department responsible for administering Chapter 3 of the *Water Act 2000* or the persons delegated the powers of the chief executive as stated in the *Water Act* (EHP-Chief Executive) Delegation (No. 1) 2017 or subsequent versions.

NATA accreditation means accreditation by the National Association of Testing Authorities Australia.

Responsible entity means AGL Energy Limited; CH4 Pty Ltd; Arrow CSG (ATP364) Pty Ltd and Bow CSG Pty Ltd in accordance with section 368 of the *Water Act 2000*.

Suitably qualified person means a person who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Notice of approval of underground water impact report

UWIR means the underground water impact report prepared by Arrow Energy Pty Ltd on behalf of AGL Energy Limited; CH4 Pty Ltd; Arrow CSG (ATP364) Pty Ltd; Bow CSG Pty Ltd for Petroleum Lease (PL) 191, 196, 223, 224 and 486, and Authority to Prospect (ATP) 742, 1103 and 1031 dated 4 April 2022.