



Variation of conditions attached to approval

Surat Gas Expansion Project (EPBC ref 2010/5344)

This decision to vary conditions of approval is made under section 143 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).


Approved action

approval holder	Arrow Energy Pty Ltd ABN 73 078 521 936
approved action	To expand coal seam gas operations in the Surat Basin, Queensland, as described in the referral received under the EPBC Act on 2 February 2010; and as described in the Surat Gas Project Environmental Impact Statement (March 2012) and Supplementary Report to the Environmental Impact Statement (June 2013).

Variation

variation of conditions attached to approval	The variation is: Delete condition 6 attached to the approval and substitute with the condition specified in the table below.
date of effect	This variation has effect on the date this instrument is signed.

Person authorised to make decision

name and position	Rachel Short Branch Head Environment Assessments (Vic and Tas) and Post Approvals Branch Nature Positive Regulation Division
signature	
date of decision	9 June 2025

Date of decision	Conditions attached to approval
Original dated 19/12/2013	1. The Minister may determine that a plan , strategy or program approved by the Queensland Government satisfies a plan required under these conditions.
Disturbance Limits	
Original dated 19/12/2013	2. For the purpose of the action, the approval holder must not take any action outside the project area .
Original dated 19/12/2013	3. The action is limited to a maximum of 6,500 coal seam gas production wells and associated infrastructure.
Original dated 19/12/2013	4. The approval holder must not undertake hydraulic fracturing.
Variation dated 29/03/2022	5. To protect EPBC listed threatened species and EPBC communities within the project area the maximum disturbance limits in Table 1 apply to the project. The approval holder must not exceed these disturbance limits .

Table 1: Whole of project maximum disturbance limits

Variation dated 29/03/2022	Terrestrial species	Maximum disturbance (hectares) to core habitat
	Curly-bark Wattle, <i>Acacia curranii</i>	1210
	Hando's Wattle, <i>Acacia handonis</i>	1210
	Belson's Panic, <i>Homopholis belsonii</i>	140
	<i>Prostanthera sp Dunmore</i>	380
	Small-leaved Denhamia, <i>Denhamia parvifolia</i>	50
	Calytrix gurulumdensis	1210
	Ooline, <i>Cadellia pentastylis</i>	No disturbance
	Austral Toadflax, <i>Thesium australe</i>	160
	<i>Acacia lauta</i>	990
	<i>Xerothamnella herbacea</i>	110
	Hawkweed, <i>Picris evae</i>	120
	Austral Cornflower, <i>Rhaponticum austral</i>	160
	<i>Eucalyptus virens</i>	170

King Blue-grass, <i>Dichanthium queenslandicum</i>	160
Queensland White-gum, <i>Eucalyptus argophloia</i>	10
<i>Macrozamia machinii</i>	No disturbance
South-eastern Long-eared Bat, <i>Nyctophilus corbeni</i>	4080
Dunmall's Snake, <i>Furina dunmalli</i>	4400
Five-clawed Worm-skink, <i>Anomalopus mackayi</i>	560
Squatter Pigeon (Southern), <i>Geophaps scripta scripta</i>	3261
Regent Honeyeater, <i>Anthochaera phrygia</i>	20
Collared Delma, <i>Delma torquata</i>	90
Yakka Skink, <i>Egernia rugosa</i>	310
Australian Painted Snipe, <i>Rostratula australis</i>	5
Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)	106
Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions	8
Weeping Myall Woodlands	1
Natural Grasslands on basalt and fine-textured alluvial plains of northern New South Wales and southern Queensland	No disturbance
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	No disturbance
Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	No disturbance

As varied on the date this instrument was signed

6. To protect **EPBC listed threatened species and communities** within the **project area** the maximum disturbance **limits** in Table 2 apply to **Stage 1**. The approval holder must not exceed these disturbance **limits**.

Table 2: Maximum disturbance limits for Stage 1

Terrestrial species	Maximum disturbance (hectares) to core habitat
South-eastern Long-eared Bat, <i>Nyctophilus corbeni</i>	485.52
Dunmall's Snake, <i>Furina dunmalli</i>	300
Five-clawed Worm-skink, <i>Anomalopus mackayi</i>	2

Squatter Pigeon (Southern), <i>Geophaps scripta scripta</i>	203
Regent Honeyeater, <i>Anthochaera phrygia</i>	1
Collared Delma, <i>Delma torquata</i>	11
Yakka Skink, <i>Egernia rugosa</i>	19
EPBC communities	Maximum disturbance (hectares) to core habitat
Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)	39
Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions	8

EPBC Species Impact Management and Offset Plan

EPBC Species Impact Management and Offset Plan – Stage 1

Variation dated 31/10/2018	7. Revoked
Variation dated 31/10/2018	<p>7A. Prior to the commencement of Stage 1, the approval holder must prepare and submit an EPBC Species Impact Management Plan for the Minister’s written approval. The EPBC Species Impact Management Plan must include:</p> <ol style="list-style-type: none"> a. measures that will be taken to avoid, mitigate and manage impacts to EPBC listed threatened species and their habitat during clearance of vegetation, including the involvement of a suitably qualified ecologist at all times during clearance of vegetation; b. measures that will be taken to avoid and mitigate impacts to EPBC listed threatened species and their habitat and to EPBC communities during construction, operation and decommissioning of the action; c. a monitoring program to determine the success of impacts avoidance and mitigation measures and that will inform adaptive implementation of the action for the duration of this approval; and d. a description of how measures proposed in the EPBC Species Impact Management Plan are consistent with the measures in relevant conservation advice, recovery plans and threat abatement plans.
Variation dated 31/10/2018	7B. The approval holder must not commence Stage 1 until an EPBC Species Impact Management Plan has been approved by the Minister in writing. The approved EPBC Species Impact Management Plan must be implemented by the approval holder.

Variation
dated
31/10/2018

Offsets

Variation
dated
27/2/2025

8A. If the approval holder has provided an offset in respect of **impacts** to **protected matters** predicted for a **development stage** of the project which subsequently are not realised, such parts of the offset in excess of the obligation for that **development stage** can be applied towards offsets required for the **impacts** to **protected matters** of subsequent **development stages**.

Variation
dated
31/10/2018

8B. The Offset Strategy may be prepared and submitted to the **Minister** for approval in stages. Each stage of the Offset Strategy must provide information in respect of the subsequent **development stage** to **commence** and all earlier **development stages**. A **development stage** must not **commence** until an Offset Strategy addressing offset obligations for that **development stage** has been approved by the **Minister**.

Variation
dated
31/10/2018

8C. The Offset Strategy must:

- a. include a strategy to secure the offsets proposed for the residual significant **impacts** to the **EPBC listed threatened species** and EPBC communities for the subsequent **development stage**;
- b. include a map of the location of each **EPBC listed threatened species** and its **habitat** and **EPBC community** in relation to infrastructure for the subsequent **development stage**;
- c. describe potential risks to the successful implementation of the Offset Strategy, and the contingency measures that would be implemented to mitigate against these risks;
- d. detail how the approval holder will address any residual significant **impacts** to any **EPBC listed threatened species** and its **habitat** and/or **EPBC communities** not identified in Table 1, in accordance with the **EPBC Act Offsets Policy**; and
- e. specify the proposed legal mechanism and timeframe for securing the offset(s).

Variation
dated
31/10/2018

8D. The approval holder must not **commence the action** until the Offset Strategy for **Stage 1** has been approved by the **Minister** in writing. The approved Offset Strategy must be implemented by the approval holder.

Variation
dated
31/10/2018

9. Revoked

Variation dated 31/10/2018	<p>9A. At least 3 months prior to the commencement of any development stage after Stage 1, the approval holder must submit a revised Offset Strategy for approval by the Minister. The updated Offset Strategy must include:</p> <ul style="list-style-type: none"> a. a strategy to secure the minimum offsets proposed for the residual significant impacts to the EPBC listed threatened species and EPBC communities for the subsequent development stage; b. a map of the location of each EPBC listed threatened species and its habitat and EPBC community in relation to infrastructure for the subsequent development stage; c. the information required for the Offset Strategy at conditions 8Ca to 8Ce for the subsequent development stage; d. demonstration of how any proposed offset builds on offsets already secured and will contribute to a larger strategic offset for whole of project impacts; e. performance and completion criteria for evaluating the management of offset areas; and f. reconciliation of impacts predicted in the subsequent development stage and actual disturbance in preceding development stages against the maximum disturbance limits set out in Table 1.
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Variation dated 31/10/2018

10. Revoked

Variation dated 31/10/2018

10A. Offsets for **development stages** must be provided in accordance with the mechanism identified in the approved Offset Strategy and must be registered and legally secured in accordance with Queensland legislation prior to **commencement** of any subsequent **development stage**.

Variation dated 31/10/2018

10B. Within 12 months of project **commencement** or the **Minister** approving the Offset Strategy for a subsequent **development stage**, the approval holder must submit for the approval of the **Minister** an Offset Area Management Plan which includes:

- a. a description of the management measures that will be implemented to protect of **EPBC listed threatened species** and **EPBC communities** in each offset area,
- b. details of how the proposed offset/s and Offset Area Management Plan are consistent with the principles of the **EPBC Act Offsets Policy**;
- c. a field validation survey and baseline description of the current condition (prior to any management activities) of the offset area/s, including existing vegetation;

- d. a description and map (including **shapefile/s**) to clearly define the location and boundaries of the offset area/s, accompanied by the **offset attributes**;
- e. information about how the offset area/s provide connectivity with other relevant habitats and biodiversity corridors including a map depicting the offset areas in relation to other habitats and biodiversity corridors;
- f. details of how proposed management measures take into account relevant approved **conservation advices** and are consistent with the measures contained in relevant **recovery plans** and **threat abatement plans**;
- g. completion criteria and performance targets for evaluating the effectiveness of Offset Area Management Plan implementation, and criteria for triggering corrective actions (if necessary);
- h. a program to monitor, report on and review the effectiveness of the Offset Area Management Plan;
- i. a description of potential risks to the successful implementation of the offset/s and Offset Area Management Plan, and contingency measures that would be implemented to mitigate against these risks.

Variation dated 31/10/2018	11. Revoked
Variation dated 31/10/2018	11A. The approval holder must not commence the subsequent development stage until the Offset Area Management Plan for the current development stage has been approved in writing by the Minister .
Variation dated 29/3/2017	12. Revoked
Variation dated 31/10/2018	12A. Revoked
Variation dated 31/10/2018	12B. Revoked
Variation dated 31/10/2018	12C. Revoked
Original dated 19/12/2013	Note 1: The Minister may determine that a plan , strategy or program approved by the Queensland Government satisfies the requirements for the EPBC Species Impact Management and Offset Plan under these conditions.

Original
dated
19/12/2013

Note 2: Offsets for some species may be accommodated within ecological communities or overlap State approval requirements or other species **habitat** requirements, as long as they meet the requirements of these conditions of approval in respect of each individual species being offset.

Coal Seam Gas (CSG) Water Monitoring and Management Plan

Stage 1 CSG Water Monitoring and Management Plan

Variation
dated
27/2/2025

13. Revoked

Variation
dated
27/2/2025

13A. For the protection of **water resources** and **EPBC-listed springs** within the **Surat CMA**, the approval holder must ensure that the outcomes and sub-outcomes specified in the table below are achieved and maintained:

	Controlling provision	Section 18 and 18A EPBC Act	Sections 24D and 24E EPBC Act			
	MNES or associated user of MNES	EPBC-listed springs	Water supply bores	Aquatic GDEs	Terrestrial GDEs	Subterranean GDEs
Outcome	Groundwater impacts due to CSG development must have no impact on the EPBC-listed springs . No impact is achieved by maintaining or enhancing groundwater discharge and environmental values at EPBC-listed springs	Conditions within unconsolidated and consolidated hydrogeological units, including water level/pressure and water quality, maintain or improve ecosystem services and access by associated users				
Sub-outcome	None	Water supply bore continues to supply water for its intended	No adverse effects on the function and environmental values due to CSG development	No adverse effects to ensure habitat is maintained or improved		

		purpose, or is made good			
Applicable QLD legislative instrument	Chapter 3, Queensland Water Act UWIR	Chapter 3, Queensland Water Act UWIR <i>Planning Act 2016</i> (QLD)	Chapter 3, Queensland Water Act UWIR	Environmental Protection Act 1994 (EP Act) UWIR	EP Act
Risk threshold (OGIA Model drawdown prediction)	Over 0.2m	Over 5m in a consolidated aquifer Over 2m in an unconsolidated aquifer	Over 0.2m in outcropping formation	Over 0.2m	Over 2m for unconfined hydrogeological unit Dewatering* of aquifer habitat for confined hydrogeological units* model prediction at any point in time where aquifer pressure in confined units is reduced to the top of the hydrostratigraphic unit, after which point dewatering occurs.

Note 3: The approval holder is considered to have achieved and maintained an outcome for **water resources** within the **Surat CMA** when it has achieved and maintained the corresponding sub-outcome/s for water resources.

Variation dated 27/2/2025	14. Revoked
Variation dated 27/2/2025	14A. To ensure the outcomes in Condition 13A are achieved and maintained, the approval holder must manage impacts on water resources and EPBC-listed springs in accordance with the relevant risk management framework/s .
Variation dated 27/2/2025	14B. If, at any time during the period for which this approval has effect, an impact/s potentially occurring within the approval holder's project area is, or has been, identified as a high risk or very high risk impact in accordance with the

relevant risk management framework/s, the approval holder must notify the **department** within 20 **business days**.

Variation dated 27/2/2025	14C. If a high risk or very high risk impact is identified under Condition 14B before the UWIR 2021 is replaced with an updated UWIR , the approval holder must submit the information required under Condition 14D within 3 months (or a timeframe otherwise agreed to by the Minister in writing) of notifying the department of the high risk or very high risk impact .
Variation dated 27/2/2025	14D. Within 9 months (or a timeframe otherwise agreed to by the Minister in writing) of notifying the department of the very high risk or high-risk impact , the approval holder must: <ul style="list-style-type: none"> a. provide for the written approval of the Minister: <ul style="list-style-type: none"> i. description and location of impact/s and associated users; ii. performance criteria; iii. trigger values; iv. limits; and v. the contributing well/s, including identification number, GPS coordinates and shapefiles; or b. provide a statement as to why the provision of performance criteria, trigger values, limits and contributing well/s is not necessary for the written agreement of the Minister.
Variation dated 27/2/2025	14E. If the statement provided under Condition 14D is not agreed to by the Minister in writing, the approval holder must provide the description and location of impact/s and associated users, performance criteria , trigger values , limits and contributing well/s for the written approval of the Minister within a timeframe specified by the Minister in writing.
Variation dated 27/2/2025	14F. A description and location of impact/s and associated users, performance criteria , trigger values , limits and contributing well/s , or statement provided under Condition 14D, must be submitted to the Minister with an accompanying site-specific assessment prepared by a suitably qualified water resources expert and accompanied by a peer review undertaken by an independent suitably qualified water resources expert . <p><i>Note 4: The approval holder may submit a SIMS mitigation plan as its site-specific assessment for EPBC-listed springs and aquatic GDEs provided that it meets the requirements of the site-specific assessment. Where a SIMS mitigation plan is determined by the Minister in writing to meet the requirements of the site-specific assessment, the SIMS mitigation plan is taken to be peer reviewed and therefore does not need to be accompanied by a site-specific assessment prepared by a suitably qualified water resources expert.</i></p>

Variation dated 27/2/2025 14G. If the information specified in Conditions 14D(a)(i) to (v) have not been approved by the **Minister** in writing within 6 months of being provided to the **Minister**, the approval holder must undertake **impact** management in accordance with any interim **performance criteria, trigger values** and **limits** set by the **Minister** in writing.

*Note 5: The approval holder will only be required to undertake **impact** management in accordance with interim **performance criteria, trigger values** and **limits** where the **Minister** is not satisfied that the information specified in Conditions 14D(a)(i) to (v) will ensure the outcome/s specified under Condition 13A will be, or is likely to be, achieved.*

*Note 6: The **Minister**, in determining whether to direct the approval holder to undertake **impact** management in accordance with **interim performance criteria, trigger values** and **limits**, will consider all relevant information including but not limited to legislation and policy, information provided by the approval holder under Condition 14D and Condition 14F, and any other relevant information available to the **Minister** at the time of the decision.*

Variation dated 27/2/2025 14H. The approval holder must submit an **Outcomes Assurance Statement** for each **high risk** or **very high risk impact** to the **Minister** for each 12 month period:

- a. following the date of approval of the description and location of **impact/s** and associated users, **performance criteria, trigger values** and **limits**; or
- b. following the date the **Minister** notified the approval holder in writing that interim **performance criteria, trigger values** and **limits** had been set; or
- c. following the date otherwise agreed to in writing by the **Minister**.

The **Outcomes Assurance Statement** must be submitted in accordance with reporting requirements specified in the **JIF**.

Variation dated 27/2/2025 14I. The approval holder must provide any additional information requested by the **Minister** in writing, within a timeframe specified by the **Minister** in writing, to substantiate an **Outcomes Assurance Statement** and/or to verify the risk of not achieving the outcome/s specified in Condition 13A.

*Note 7: The **Minister** may throughout the life of this approval seek advice from experts, or an **expert panel**. As a consequence, specific matters identified through such advice may need to be addressed in the **site-specific assessment** or any **Outcomes Assurance Statement**. Where such advice is sought, the approval holder will be provided with the opportunity to submit information and respond to the specific matters identified, in order to ensure **Outcomes Assurance Statements** are based on the best available information. Review requirements will facilitate adaptive management, align with Queensland Government approval requirements, and account for potential cumulative **impacts** as new scientific information becomes available over the life of this approval.*

Variation dated 27/2/2025	<p>14J. If the Minister believes on the basis of the Outcomes Assurance Statement, any information provided under Condition 14K and any other relevant information that the outcomes in Condition 13A are not likely to be achieved, the Minister may notify the approval holder in writing specifying the areas requiring improvement or additional information.</p> <p>If notified, the approval holder must develop and implement adaptive management responses to address the specified areas and provide a written report to the Minister within 3 months of the notification setting out the responses and their effectiveness.</p> <p><i>Note 8: If there is an exceedance of a limit, Condition 14L requires this to be reported to the Minister and Condition 14M requires the approval holder to cease groundwater extraction within 10 business days of that notification.</i></p>
Variation dated 27/2/2025	<p>14K. If the approval holder detects that an approved or interim trigger value has been exceeded, the approval holder must implement an appropriate management response to ensure approved or interim limits are not exceeded.</p> <p>The approval holder must report this exceedance, and the contributing well/s, to the department within 10 business days of the detection.</p>
Variation dated 27/2/2025	<p>14L. If the approval holder detects that a limit has been exceeded, the approval holder must report this and the contributing well/s to the department within 10 business days of the detection.</p>
Variation dated 27/2/2025	<p>14M. Unless otherwise notified by the Minister in writing, the approval holder must cease groundwater extraction associated with the contributing well/s identified in Condition 14L within 10 business days of an exceedance of a limit being reported to the department, or of receiving notification that the Minister has determined that the outcome/s specified under Condition 13A have not been achieved.</p> <p><i>Note 9: The Minister, in determining whether to give notice to the approval holder that it is not required to cease groundwater extraction, will consider all relevant information including but not limited to legislation and policy, information provided by the approval holder (including any submissions made by the approval holder on alternative corrective actions that it proposes to take) and any other information available to the Minister at the time of the decision.</i></p>
Variation dated 27/2/2025	<p>14N. If the approval holder has been required to cease groundwater extraction pursuant to Condition 14M, the approval holder must urgently implement corrective actions to reduce performance criteria below approved or interim limits and trigger values.</p> <p>The approval holder must not recommence groundwater extraction until:</p> <ol style="list-style-type: none"> a. the impact has been reversed; or

- b. the **Minister** has agreed, in writing, that the outcome/s specified in Condition 13A has been achieved; and
- c. written approval to recommence **groundwater extraction** has been given by the **Minister**.

*Note 10: Approval to recommence **groundwater extraction** may be subject to conditions that the **Minister** considers reasonable.*

Variation dated 27/2/2025	15. Revoked
Variation dated 27/2/2025	16. Revoked
Variation dated 27/2/2025	Note 3: Revoked
Variation dated 27/2/2025	<i>Updated CSG Water Monitoring and Management Plan</i>
Variation dated 27/2/2025	17. Revoked
Variation dated 27/2/2025	<i>Water Resource Monitoring and Management Plan</i>
Variation dated 27/2/2025	<p>17A. Within 4 months from the date this variation is signed, the approval holder must submit a Water Resource Monitoring and Management Plan (WRMMP) for the written approval of the Minister. The WRMMP must include:</p> <ul style="list-style-type: none"> a. Parameters and a sampling regime to establish baseline data for surface water resources that may be impacted by the action, including surface water quality and quantity in the project area, and upstream and downstream of potential impact areas; and for determining connectivity between surface water and groundwater that may be impacted by the project; b. A best practice monitoring network that will enable the identification of spatial and temporal changes to surface water parameters from baseline monitoring. This must enable monitoring of all aquatic ecosystems that may be impacted by the action. c. A program to monitor subsidence impacts from the action on protected matters. The subsidence monitoring program must: <ul style="list-style-type: none"> i. establish baseline data; ii. establish and justify subsidence monitoring and associated data collection methods; iii. establish and justify appropriate subsidence trigger thresholds. If subsidence trigger thresholds are exceeded, the approval holder must develop and implement an action plan to address impacts on protected matters within 90 calendar days of a trigger value being exceeded;

- iv. be reported annually and in accordance with the reporting requirements of condition 28. Annual reporting must compare subsidence monitoring results with baseline data and predicted **impacts** from the Supplementary Report to the Environmental Impact Statement (SREIS), and demonstrate the effectiveness of the implemented action **plan**, if required under 17A(c)iii;
- v. make provision for monitoring results publicly available on the approval holder's **website** to facilitate a greater understanding of cumulative **impacts**;
- vi. include a CSG water management strategy for produced salt/brine, which discusses how co-produced water and brine will be managed for the Action, including in the context of other coal seam gas activities in the Surat Basin;
- vii. have early warning indicators and trigger thresholds, including investigation, management and mitigation actions, which may include substitution and/or groundwater repressurisation, to address flux **impacts** on the Condamine Alluvium;
- viii. include an analysis of how the approval holder will utilise beneficial use and/or groundwater repressurisation techniques to manage produced CSG water from the Action, and how any potential adverse **impacts** associated with groundwater repressurisation will be managed;
- ix. specify early warning indicators and trigger thresholds, including corrective actions for both early warning indicators and trigger thresholds, for aquatic ecology and aquatic ecosystems;
- x. include a discharge strategy, consistent with the recommendations and requirements of the Department of the Environment and Heritage Protection (now the Department of Environment and Science) in its **Assessment Report** (pages 94 to 95 and pages 254 to 255) and that includes scenarios where discharge may be required, the quality of discharge water (including water treated by reverse osmosis), the number and location of monitoring sites (including upstream and downstream sites), frequency of monitoring and how the data from monitoring will be analysed and reported, including recommendations on any changes or remedial actions that would be required;
- xi. include a flood risk assessment for processing facilities and any raw co-produced water and brine dams, which addresses flood risks to the environment from the action in the case of a 1:1000 ARI event. The risk assessment should estimate the consequences if major project infrastructure was subject to such an event, including release of brine and chemicals into the environment;
- xii. provide an explanation of how the **WRMMP** will contribute to work undertaken by other CSG proponents in the Surat Basin to understand cumulative **impacts**, including at the local and regional scale, and maximise environmental benefit;
- xiii. specify details of performance measures;
- xiv. require annual reporting to the **department**;
- xv. require publication of reports on the **website**; and
- xvi. include a risk based exceedance response **plan** that details the actions the approval holder will take and the timeframes in which those actions will be undertaken if early warning indicators and

trigger threshold values contained in the WRMMP are exceeded, or there are any emergency discharges.

Variation dated 27/2/2025	18. The WRMMP must be peer reviewed by a suitably qualified water resources expert/s approved by the Minister in writing prior to the plan being submitted to the Minister for approval. The approval holder must, at the same time as the WRMMP is submitted for approval, provide to the Minister : <ol style="list-style-type: none"> a. a copy of the peer review; and b. statement from the suitably qualified water resources expert/s stating that they carried out the peer review and endorse the findings of the WRMMP.
Variation dated 27/2/2025	19. Revoked
Variation dated 27/2/2025	19A. Until the WRMMP required by condition 17A is approved by the Minister , the approval holder must implement the Updated CSG WMMP . <i>Note 11: Where the Updated CSG WMMP relates to conditions of this approval that have been revoked, the Updated CSG WMMP must be implemented consistently with the conditions of this approval.</i>
Variation dated 27/2/2025	19B. When the WRMMP required by condition 17A is approved by the Minister , the approval holder must implement the approved WRMMP .
Variation dated 27/2/2025	19C. The approval holder may extract gas from more than 250 CSG production wells, notwithstanding that the WRMMP has not been approved and notwithstanding any contrary statement in the Updated CSG WMMP .
Variation dated 27/2/2025	20. Revoked
Variation dated 27/2/2025	20A. Revoked
Variation dated 27/2/2025	20B. Revoked
Variation dated 27/2/2025	Note 4: Revoked
Variation dated 27/2/2025	20C. The Minister may direct, in writing, that the approval holder cease water or gas extraction from one or more coal seam gas production wells, or water discharge or use, if: <ol style="list-style-type: none"> a. an early warning indicator, trigger threshold, or limit in the WRMMP is exceeded, and b. the Minister is not satisfied that the corrective activities proposed or taken by the approval holder will reduce likely impacts on matters of national environmental significance (MNES) to acceptable levels.

Variation dated 27/2/2025	20D. If Condition 20C applies, the Minister may direct the approval holder to implement alternative corrective activities at the expense of the approval holder, provided those corrective activities are unlikely to have a significant impact on MNES .
Variation dated 27/2/2025	20E. If Condition 20C applies, the approval holder must not recommence such extraction or discharge or use until the Minister has given approval in writing for the recommencement of that extraction, discharge or use. <ul style="list-style-type: none"> a. Approval to recommence such extraction, discharge or use may be subject to such conditions as the Minister considers reasonably necessary to ensure that impacts on MNES will be acceptable. b. If the Minister approves the recommencement of extraction, discharge or use subject to conditions, the approval holder must comply with such conditions.
Variation dated 27/2/2025	<i>Note 12: The approval holder will be provided with a reasonable opportunity to comment on any such direction from the Minister before it is required to be implemented.</i>
Variation dated 27/2/2025	21. Revoked
Variation dated 27/2/2025	21A. Revoked
Variation dated 27/2/2025	<i>Note 5: Revoked</i>
Variation dated 2/7/2019	22. Revoked
Variation dated 27/2/2025	23. Revoked <ul style="list-style-type: none"> a)
Variation dated 2/7/2019	24. Revoked
Variation dated 27/2/2025	25. The Minister may, by written request to the approval holder, require the WRMMP to be revised, including to address expert advice. Any request must be acted on by the approval holder within the timeframe specified in the request.
Variation dated 27/2/2025	<i>Note 13: The Minister may throughout the life of the project life seek advice from experts, or an expert. As a consequence specific matters identified through such advice may need to be addressed in the WRMMP. Where such advice is sought the approval holder would be provided with opportunity to submit information and</i>

*respond to the specific matters identified, in order to ensure the **WRMMP** is based on the best available information. Review requirements will facilitate adaptive management, align with Queensland Government approval requirements, and account for potential cumulative **impacts** as new scientific information becomes available over the life of the project.*

General

Original dated 19/12/2013	26. Within 20 business days after the commencement of the action , the approval holder must advise the department in writing of the actual date of commencement .
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Compliance records

Variation dated 27/2/2025.	26A. The approval holder must maintain accurate and complete compliance records and document the procedure for recording and storing compliance records .
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Variation dated 27/2/2025.	26B. If the department makes a request in writing, the approval holder must provide electronic copies of compliance records to the department within the timeframe specified in the request.
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*Note 14: **Compliance records** may be subject to audit by the **department**, or by an **independent auditor** in accordance with section 458 of the **EPBC Act**, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the **department's** website or through the general media.*

Variation dated 27/2/2025.	26C. The approval holder must ensure that any monitoring data , surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the <i>Guidelines for biological survey and mapped data</i> , Commonwealth of Australia 2018, or as otherwise specified by the Minister in writing.
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Variation dated 27/2/2025.	26D. The approval holder must ensure that any monitoring data , surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the <i>Guide to providing maps and boundary data for EPBC Act projects</i> , Commonwealth of Australia 2021, or as otherwise specified by the Minister in writing.
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Variation dated 27/2/2025.	26E. The approval holder must submit all monitoring data , surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the department within the timeframe specified in the plans , or where no timeframe is provided under a plan , within 20 business days .
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Annual Compliance Reporting

Variation dated 27/2/2025.	27. The approval holder must prepare a compliance report for each Annual Compliance Report period (ACR period) .
Variation dated 27/2/2025	28. Within 60 business days of every 28 February anniversary of the commencement of the action , the approval holder must publish a compliance report on its website for the life of the approval.
Variation dated 27/2/2025	28A. The approval holder must ensure each compliance report is completed to the satisfaction of the Minister and is consistent with the <i>Annual Compliance Report Guidelines, Commonwealth of Australia 2023</i> .
Variation dated 27/2/2025	28B. The approval holder must ensure each compliance report includes: <ul style="list-style-type: none"> a. accurate and complete details of compliance and any non-compliance with: <ul style="list-style-type: none"> i. each condition attached to this approval decision; ii. all commitments made in each plan; and iii. if any incident occurred, each incident; b. one or more shapefile showing all clearing of protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared; and c. a schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented.
Variation dated 27/2/2025	28C. The approval holder must: <ul style="list-style-type: none"> a. notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website; b. provide the weblink for the compliance report in the notification to the department; c. keep all published compliance reports required by these conditions on the website until the expiry date of this approval; d. exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public; and e. if sensitive biodiversity data is excluded or redacted from the published version, submit the full compliance report to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.

Note 15: **Compliance reports** may be published on the **department's** website.

Variation dated 27/2/2025	<p>28D. Within three months of the commencement of this condition, and within three months of each 12-month anniversary of the commencement of the action for the life of the approval thereafter, the approval holder must lodge an annual report (Annual Well Report) with the department. The Annual Well Report must contain the following information for each well established under this approval:</p> <ul style="list-style-type: none"> a. a unique identifier for each well; b. geographic coordinates of each well to at least four decimal places of a degree; c. the installation date of the well; d. the production start date of the well; and e. the production end date of the well. <p>If the approval holder becomes aware of any error or omission in the information provided in the Annual Well Report, the approval holder must notify the department in writing within 10 business days of becoming aware of the error or omission, and provide corrected information.</p>
Reporting Non-Compliance	
Variation dated 2/7/2019	<p>29. The approval holder must notify the department in writing of potential non-compliance with any condition of this approval as soon as practical and within no later than ten business days of becoming aware of the potential non-compliance. The notice provided to the department under this condition must specify:</p> <ul style="list-style-type: none"> a. the condition which the approval holder has potentially breached; b. the nature of the potential non-compliance; c. when and how the approval holder became aware of the non-compliance; d. how the non-compliance will affect the approved action; e. how the non-compliance will affect the anticipated impacts of the approved action, in particular how the non-compliance will affect the impacts on the MNES; f. the measures the approval holder will take to address the impacts of the non-compliance on the MNES and rectify the non-compliance; and g. the time by when the approval holder will rectify the non-compliance.
Variation dated 27/2/2025	<p>29A. The approval holder must provide to the department in writing, within 12 business days of becoming aware of an incident, the details of that incident. The approval holder must specify:</p> <ul style="list-style-type: none"> a. all corrective measures and investigations which the approval holder has already taken in respect of the incident, b. the potential impacts of the incident,

- c. the method and timing of any corrective measures that the approval holder proposes to undertake to address the **incident**, and
- d. any variation of these conditions or revision of a **plan** that will be required to prevent recurrence of the **incident** and/or to address its consequences.

Independent Audit

Variation dated 27/2/2025	<p>30. The approval holder must ensure that an independent audit of compliance with the conditions of approval is conducted for the period:</p> <ul style="list-style-type: none"> a. date of commencement of the Action (22 October 2020) to 28 May 2024; and b. every subsequent five-year period. <p>A report must be submitted to the Minister every period until this approval expires (unless otherwise specified in writing by the Minister).</p>
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Variation dated 27/2/2025	<p>30A. For each independent audit, the approval holder must:</p> <ul style="list-style-type: none"> a. provide the name and qualifications of the nominated independent auditor, the draft audit criteria, and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit; b. only commence the independent audit once the nominated independent auditor, audit criteria and timeframe for submitting the audit report have been approved in writing by the department; c. submit the audit report to the department for approval within the timeframe specified and approved in writing by the department; d. publish each audit report on the website within 20 business days of the date of the department's approval of the audit report; and e. retain every audit report published on the website until this approval expires.
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Variation dated 27/2/2025.	<p>30B. Each audit report must report for the five-year period preceding that audit report.</p>
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Variation dated 27/2/2025.	<p>30C. Each audit report must be completed to the satisfaction of the Minister and be consistent with the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i>, Commonwealth of Australia 2019.</p>
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Revision of Management Plans

Variation dated 27/2/2025.	30D. The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister by submitting an application in accordance with the requirements of section 143A of the EPBC Act . If the Minister approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan .
Variation dated 27/2/2025	31. If the approval holder wishes to carry out any activity other than in accordance with the management plans as specified in the conditions, the approval holder must submit to the department for the Minister's written approval a revised version of that management plan . The approval holder must not commence the varied activity until the Minister has approved the varied management plan . The Minister will not approve a varied management plan unless the revised management plan would result in an equivalent or improved environmental outcome over time.
Original dated 19/12/2013	32. If the Minister believes that it is necessary or convenient for the better protection of EPBC listed threatened species, listed migratory species or water resources to do so, the Minister may request that the approval holder make specified revisions to the management plans specified in the conditions and submit the revised management plan for the Minister's written approval. The approval holder must comply with any such request within the timeframe specified by the Minister . The revised approved management plan must be implemented. Unless the Minister has approved the revised management plan , then the person taking the action must continue to implement the management plan originally approved, as specified in the conditions.
Variation dated 29/5/2018	33. If at any time after seven years from the date of this approval, the approval holder has not commenced the action, then the approval holder must not commence the action without the written agreement of the Minister .
Variation dated 27/2/2025	33A. The approval holder must submit all plans required by these conditions electronically to the department .
Variation dated 27/2/2025	33B. The approval holder must keep all plans required by these conditions published on the website until the expiry date of this approval.
Variation dated 27/2/2025	33C. The approval holder is required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public. If sensitive ecological data is excluded or redacted from a plan , the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website .

Variation dated 27/2/2025	<p>34. Unless otherwise agreed to in writing by the Minister, the approval holder must publish each management plan referred to in these conditions of approval on the website. Each management plan must be published on the website within 20 business days of the date:</p> <ol style="list-style-type: none"> a. the plan is approved by the Minister in writing, if the plan requires approval of the Minister; or b. of the approval of this variation, if the version of the plan to be implemented is specified in these conditions.
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Completion of the Action

Variation dated 27/2/2025	<p>34A. Within 20 business days after the completion of the Action, and, in any event, at least 20 business days prior to the expiry date of this approval, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data. The approval holder must submit any spatial data that comprises completion data as a shapefile.</p>
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Variation dated 27/2/2025	<p>34B. The approval holder must notify the department electronically at least 60, but not more than 70, business days prior to the expiry date of this approval, that the approval is due to expire.</p> <p>Note 16: Section 145C of the EPBC Act entitles the approval holder to request an extension to the period of effect of this approval.</p>
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Completion of the Action

Variation dated 27/2/2025.	<p>34A. Within 20 business days after the completion of the Action, and, in any event, at least 20 business days prior to the expiry date of this approval, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data. The approval holder must submit any spatial data that comprises completion data as a shapefile.</p>
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Variation dated 27/2/2025.	<p>34B. The approval holder must notify the department electronically at least 60, but not more than 70, business days prior to the expiry date of this approval, that the approval is due to expire.</p> <p>Note 16: Section 145C of the EPBC Act entitles the approval holder to request an extension to the period of effect of this approval.</p>
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Date of decision	Definitions
Variation dated 27/2/2025	<p>Annual Compliance Report period or ACR period: means each subsequent 12-month period following the date of this approval decision until the expiry date of this approval, unless otherwise specified in writing by the Minister.</p>
Variation dated 27/2/2025	<p>Aquatic GDEs: means the ecosystem dependant on the surface expression of groundwater, including:</p> <ul style="list-style-type: none"> • river baseflow systems, aquatic and riparian ecosystems that exist in or adjacent to streams (including the hyporheic zone) which are fed by groundwater; and • wetlands (aquatic communities and fringing vegetation dependent on groundwater-fed lakes and wetlands), including palustrine and lacustrine wetlands

	that receive groundwater discharge, and can include spring and swamp ecosystem
Original dated 19/12/2013	Approval holder: Revoked.
Original dated 19/12/2013	Assessment Report: means the Queensland Department of Environment and Heritage Protection's report under the <i>Environmental Protection and Biodiversity Conservation Act 1994</i> for the action.
Variation dated 27/2/2025	Audit report: means a written report of compliance and fulfilment of the conditions attached to this approval, objectively evaluated against the audit criteria approved by the department .
Variation dated 27/2/2025	Business day: means a day that is not a Saturday, a Sunday or a public holiday in the state of Queensland.
Variation dated 27/2/2025	Cease groundwater extraction: means to promptly discontinue all groundwater extraction from the contributing well/s .
Variation dated 27/2/2025	Commence the Action or commences the Action: means the first instance of any physical disturbance, including clearance of native vegetation, new road work and the establishment of well sites to develop the gas field project area , but does not include: <ul style="list-style-type: none"> a. minor physical disturbance necessary to undertake pre-clearance surveys establish monitoring programs or geotechnical investigations; or b. activities that are critical to commencement that are associated with mobilisation of plant and equipment, materials, machinery and personnel prior to the start of development only if such activities will have no adverse impact on matters of national environmental significance, and only if the proponent has notified the department in writing before an activity is undertaken
Variation dated 27/2/2025	Commencement of the Action: means the date on which the approval holder commences the Action .
Variation dated 27/2/2025	Completion data: means an environmental report and spatial data clearly detailing how the conditions of this approval have been met.
Variation dated 27/2/2025	Completion of the Action: means the date on which all activities associated with this approval have permanently ceased and/or been completed.
Variation dated 27/2/2025	Compliance records: means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval (including compliance with commitments made in plans) in the approval holder's possession, or that are within the approval holder's power to obtain lawfully.
Variation dated 27/2/2025	Compliance report: means a written report of compliance with, and fulfilment of, the conditions attached to the approval.
Original dated 19/12/2013	Core habitat: means core habitat known and core habitat possible as defined in the rules for habitat mapping for each individual species in the <i>Supplementary Report to the Surat Gas Project EIS (March 2012), Attachment 1 – Matters of National Environmental Significance</i> .

Original dated 19/12/2013	Conservation advice: means an approved conservation advice under the EPBC Act for an EPBC Act listed species or community.
Original dated 19/12/2013	Condamine Interconnectivity Research Project: means the Condamine Interconnectivity Research Project being undertaken by the Queensland Office of Groundwater Impact Assessment as part of the implementation of the Surat Underground Water Impact Report (UWIR), which was prepared by the Queensland Water Commission (QWC) in 2012.
Variation dated 27/2/2025	Contributing well/wells means the coal seam gas development well(s) identified as, or likely to be, contributing to the exceedance of a trigger value and/or limit , in accordance with the methodology in the site-specific assessment .
Original dated 19/12/2013	Core habitat known: means habitat where a spatially accurate confirmed record of a particular species exists (e.g. Herbreccs or survey record). Core habitat known is attributed to the particular habitat polygon in which it occurs, based on either regional ecosystem (RE) mapping provided by the Queensland Department of Environment and Heritage Protection (or successor agency) or high-resolution habitat mapping developed for a specific purpose. Core habitat known also means a 1 km buffer around all spatially accurate (< 400 metres accuracy) species records.
Original dated 19/12/2013	Core habitat possible: means an area where previous records of a particular species are not known to occur within a given area or habitat, although specific habitat features are present which are known to be favoured by the species and the habitat occurs within the species known geographic range.
Variation dated 27/2/2025	Department: means the Commonwealth Government department responsible for the administration of the EPBC Act .
Variation dated 27/2/2025	Department's survey guidelines: means: Matters of National Significance, Significant Impact Guidelines 1.1, Environment Protection and Biodiversity Conservation Act 1999: Matters of National Environmental Significance: Significant Impact Guidelines 1.1 (dcceew.gov.au) Survey Guidelines for Australia's Threatened Frogs, Threatened Birds, Threatened Fish, Threatened Mammals, Threatened Reptiles and Threatened Bats Publications - DCCEEW
Variation dated 27/2/2025	Development stage: means one or more of Stage 1, Stage 2, Stage 3, Stage 4 or Stage 5 .
Variation dated 27/2/2025	Ecosystem services: means the benefits and services obtained from groundwater resources. These include: <ul style="list-style-type: none"> • provisioning services (e.g. use by other industries and use as drinking water); • regulating services (such as the climate regulation or the stabilisation of coastal systems); • cultural services (including recreation and tourism, science and education); and • supporting services (e.g. maintenance of ecosystem function).
Original dated 19/12/2013	EPBC/ EPBC Act: means the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth).
Original dated 19/12/2013	EPBC Act Offsets Policy: means the <i>Environment Protection and Biodiversity Conservation Act 1999</i> Environmental Offsets Policy (October 2012) including the Offsets Assessment Guide.
Original	EPBC community: means an endangered ecological community listed under

dated 19/12/2013	the EPBC Act.
Variation dated 27/2/2025	EPBC-listed springs: means groundwater fed springs within the Surat CMA that support 'The community of native species dependent on natural discharge of groundwater from the Great Artesian Basin threatened ecological community', as listed under the EPBC Act, and/or listed threatened species and/or their habitat.
Original dated 19/12/2013	EPBC listed threatened species: means a threatened flora or fauna species listed under the EPBC Act.
Original dated 19/12/2013	Expert panel: means an expert panel appointed by the Minister.
Original dated 19/12/2013	Fitzroy River Turtle: Revoked.
Variation dated 27/2/2025	Function: means the ecosystem components, processes and benefits or services that characterise the associated user, including support for biological diversity or species composition.
Original dated 19/12/2013	General habitat: Revoked.
Variation dated 27/2/2025	Groundwater extraction: means the process of extracting groundwater from an aquifer, including as a by-product of CSG production.
Variation dated 27/2/2025	Habitat: means the subterranean living and non-living components of where an organism and/or ecological community exists.
Variation dated 27/2/2025	High risk or very high risk: for: <ul style="list-style-type: none"> • EPBC-listed springs and aquatic GDEs, has the meaning given to a high (4) or very high (5) risk level for springs in the UWIR, or any spring that is assigned a mitigation plan under the UWIR; • terrestrial GDEs, has the meaning given in Section 0; and • subterranean GDEs, has the meaning given in Section 7.
Variation dated 27/2/2025	Impact/s (verb): means to cause any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action. Impact (noun): means any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action.
Variation dated 27/2/2025	Incident: means any event which has the potential to, or does, impact any protected matter .
Variation dated 27/2/2025	Independent: means a person or firm who does not have any individual, financial*, employment* or family affiliation or any conflicting interests with the Action, the approval holder or the approval holder's staff, representatives, or associated persons. *Other than for the purpose of undertaking the role for which an independent person is required.
Variation dated	Independent audit: means an audit, conducted by an independent person who has professional qualifications, training, skills and/or

27/2/2025	experience related to the nominated subject matter and can give authoritative independent assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature, as detailed in the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i> , Commonwealth of Australia 2019.
Variation dated 27/2/2025	Independent suitably qualified water resources expert: means a person with at least a postgraduate degree (or equivalent) in a suitable area (such as hydrology or hydrogeology) and a minimum of 10 years relevant experience in water resources assessment, including at least one year of experience in Australia, who is independent of the suitably qualified water resources expert.
Variation dated 27/2/2025	JIF: means this joint industry framework as endorsed by the department on 17 March 2021 including subsequent endorsed versions.
Variation dated 27/2/2025	Joint Industry Plan: Revoked
Variation dated 27/2/2025	Limit: means a threshold greater than a trigger value that must not be exceeded. Note: An exceedance of a limit/s constitutes a failure to achieve the outcome/s specified in Condition 1 and compliance actions will be implemented.
Variation dated 27/2/2025	Listed threatened ecological community: means a threatened ecological community listed under section 178 of the EPBC Act.
Variation dated 27/2/2025	Maintaining: means the level and quality of groundwater discharge remains within the bounds of natural variability.
Variation dated 2/7/2019	Matters of National Environmental Significance (MNES): means matters protected by a provision of Part 3 of the EPBC Act for which the approval has effect.
Variation dated 27/2/2025	Minister: means the Australian Government Minister responsible for administering the EPBC Act , including any delegate thereof.
Variation dated 27/2/2025	Monitoring data: means the data required to be recorded under the conditions of this approval.
Original dated 19/12/2013	Murray Cod: Revoked.
Variation dated 27/2/2025	No adverse effect/s: means not reaching or exceeding an approved or interim limit as a result of CSG development. Note: If a high risk or very high risk is not identified in accordance with the relevant risk management framework/s and limits are not required to be provided to the Minister under condition 4a, a limit is taken to not have been exceeded.
Variation dated 27/2/2025	No impact: means not reaching or exceeding an approved or interim limit as a result of the CSG development.
Variation	Offset attributes: means the offset title, status, EPBC referral number, land

dated 31/10/2018	parcel details and relevant protected matters .
Original dated 19/12/2013	OGIA: means the Office of Groundwater Impact Assessment or its successor body
Variation dated 27/2/2025	Outcomes Assurance Statement: means the statement to be submitted by the approval holder to the Minister for each high risk/very high risk impact in accordance with Condition 14H and specifications in the JIF .
Variation dated 27/2/2025	Performance criteria: means specific parameters, associated with and relevant to EPBC-listed springs or water resource function , that will be monitored to demonstrate that the outcome of no impact to EPBC-listed springs or no adverse effect to water resource function is being achieved, measured at a specific time and place.
Variation dated 27/2/2025	Plan/s: means any action management plan or strategy that the approval holder is required by these conditions to implement.
Original dated 19/12/2013	Pre-clearance surveys: means surveys that are undertaken for EPBC species and EPBC communities for all areas of the project area that may be disturbed by project activities.
Original dated 19/12/2013	Project area: means the area identified as the project area in <u>Attachment A</u> .
Variation dated 27/2/2025	Protected matter: means a matter protected under a controlling provision in Part 3 of the EPBC Act for which this approval has effect.
Variation dated 29/3/2017	Recovery plan/s: means an approved recovery plan under the EPBC Act for an EPBC listed threatened species or EPBC community .
Variation dated 27/2/2025	Relevant risk management framework: means as outlined in the endorsed JIF for EPBC-listed springs ; water supply; aquatic GDEs ; terrestrial GDEs and subterranean GDEs .
Variation dated 27/2/2025	Reversed: means impacts have been reduced to levels below the approved or interim limit and sustained for 10 business days . Note: This is to achieve the outcome/s for EPBC-listed springs and water resources .
Variation dated 27/2/2025	Sensitive ecological data: means data as defined in the <i>Sensitive Ecological Data – Access and Management Policy v1.0</i> , Commonwealth of Australia 2016.
Variation dated 27/2/2025	Shapefiles: means a mapping file or files showing polygons outlining all site boundaries and delineating all relevant sub-zones on site. The shapefiles must use the GDA94 coordinate system, and be in either of the following formats: <ul style="list-style-type: none"> • a KML file (file extension either ‘.KML’ or ‘.KMZ’); or • a zip folder using the ‘.zip’ file extension (other formats such as ‘.7z’ are not acceptable), and containing a single unique occurrence of each of ‘.shp’, ‘.prj’, ‘.dbf’ and ‘.shx’ file types. <p>If a ‘.zip’ format is used, the shapefile may also contain unique occurrences of any or all of the following file types: ‘.qix’, ‘.fix’, ‘.sld’, ‘.sbn’, ‘.sbx’, ‘.lyr’, ‘.avl’, ‘.xml’ or ‘.cpg’. Each polygon must be provided as a separate ‘.zip’ or KML file.</p>
Variation	SIMS mitigation plan: means a mitigation plan to be completed by approval holders

dated 27/2/2025	as directed by OGIA in the UWIR and as required under section 379(1)(d)(e) and (f) of the Queensland Water Act and endorsed by the relevant Queensland agency, currently DES.
Variation dated 27/2/2025	Site-specific assessment: means a report that meets the requirements specified in Section 9.3 in the JIF which includes the explanation of the scientific basis on which the description and location of impact/s and associated users, performance criteria , trigger values , limits and contributing well/s have been derived, or not derived, to ensure that outcomes will be achieved and how any areas of a coal seam gas action contributing to the exceedance of a limit will be identified, including those outside of the project area .
Variation dated 27/2/2025	Site-specific assessment peer review: means a review carried out by an independent suitably qualified water resources expert that meets the requirements specified in Section 9.4 in the JIF including the evaluation of whether the site-specific assessment will ensure the outcomes will be met. Where inadequacies are identified by the independent suitably qualified water resources expert, the approval holder must describe in the site-specific assessment what the inadequacy is, why it has occurred and what work must be taken to rectify it.
Variation dated 27/2/2025	Stage 1: means all activities, including the installation of gas wells and associated gathering lines, access tracks and gas and water aggregation and transmission infrastructure, from the date of commencement until 350 gas wells have been installed.
Variation dated 27/2/2025	Stage 2: means all activities following Stage 1 , including the installation of gas wells and associated gathering lines, access tracks and gas and water aggregation and transmission infrastructure until 710 gas wells have been installed.
Variation dated 27/2/2025	Stage 3: means all activities following Stage 2 , including the installation of gas wells and associated gathering, access tracks and gas and water aggregation and transmission infrastructure until 1175 gas wells have been installed
Variation dated 27/2/2025	Stage 4: means all activities following Stage 3 , include the installation of gas wells and associated gathering lines, access tracks and gas and water aggregation and transmission infrastructure until 2276 gas wells have been installed.
Variation dated 27/2/2025	Stage 5: means all activities following Stage 4 , including installation of gas wells and associated gathering lines, access tracks and gas and water aggregation and transmission infrastructure until the completion of the Action .
Original dated 19/12/2013	Suitably qualified ecologist: 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 relevant protocols, standards, methods and literature.
Variation dated 27/2/2025	Suitably qualified water resources expert: means a person with at least a degree in a suitable area (such as hydrology or hydrogeology) and a minimum of 5 years relevant experience in water resources assessment, including at least one year of experience in Australia.
Variation dated 27/2/2025	Surat CMA: means the Surat cumulative management area declared under the Queensland Water Act.
Variation dated 27/2/2025	Terrestrial GDEs: means surface ecosystems dependent partially or wholly on the sub-surface presence of groundwater.

Variation dated 29/3/2017	Threat abatement plan/s: means an approved threat abatement plan under the EPBC Act .
Variation dated 27/2/2025	Trigger value: means where reached or exceeded (either through modelling or monitoring), the approval holder will implement an appropriate management response to ensure approved or interim limits are not exceeded.
Variation dated 27/2/2025	UWIR: means the underground water impact report prepared by OGIA and submitted to DES under section 370 of the Queensland Water Act for the Surat CMA.
Variation dated 27/2/2025	Updated CSG WMMP: means the Updated CSG Water Monitoring and Management Plan dated October 2019 approved by the Minister on 22 November 2019.
Variation dated 27/2/2025	<p>Water resources: means:</p> <ul style="list-style-type: none"> • surface water or groundwater; or • a watercourse, lake, wetland or aquifer (whether or not is currently has water in it); and includes all aspects of the water resource (including water, organisms and other components and ecosystems that contribute to the physical state and environmental value of the water resource), as defined in the <i>Water Act 2007</i> (Cth).
Variation dated 27/2/2025	WRMMP: means the Water Resource Monitoring Management Plan.
Variation dated 27/2/2025	Website: means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

date of decision

Attachment A

Original dated 19/12/2013

