



Variation of conditions attached to approval

Atlas Stage 3 Gas Project, south-west of Wandoan, Queensland (EPBC 2022/09410)

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

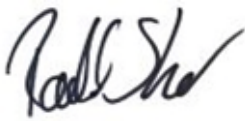
Approved action

approval holder	Senex Energy Pty Ltd ACN: 008 942 827
approved action	To develop, operate, decommission and rehabilitate up to 151 coal seam gas wells and supporting infrastructure, including gas and water gathering systems, access tracks, brine and produced water storages, borrow pits, and ancillary supporting facilities, south-west of Wandoan, Queensland. (EPBC Act referral 2022/09410).
controlling Provisions	Listed threatened species and communities (section 18 and section 18A) Unconventional gas or large coal mining development with impact on water resources (section 24D and section 24E)
period for which the approval has effect	This approval has effect until 30 June 2080.

Variation

variation of conditions attached to approval	The variation is: Replace condition 57 with the condition as 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/Tas) and Post Approvals Branch Environment Regulation Division
signature	
date of decision	20 October 2025

date of decision	conditions attached to approval
CLEARING LIMITS	Original dated 25 June 2024
Original dated 25 June 2024	1) The approval holder must not: <ul style="list-style-type: none"> a) clear any Koala foraging and breeding habitat. b) clear more than 2.1 hectares (ha) of Squatter Pigeon dispersal habitat.
DISTURBANCE LIMITS	
Original dated 25 June 2024	2) The approval holder must not take the Action outside the project area .
Original dated 25 June 2024	3) The approval holder must not: <ul style="list-style-type: none"> a. construct more than 126 coal seam gas production wells in the taking of the Action. b. operate more than 151 coal seam gas production wells in the taking of the Action.
Original dated 25 June 2024	4) In accordance with the Constraints Protocol, the approval holder must: <ul style="list-style-type: none"> a. not exceed the maximum disturbance limits b. adhere to the constraints mapping.
Original dated 25 June 2024	5) To ensure no functional change to Koala dispersal habitat , the approval holder must not remove more than a total of 4 ha of trees, measured in canopy cover within mapped Koala dispersal habitat .
PRE-CLEARANCE SURVEYS	
Original dated 25 June 2024	6) Prior to commencing clearing , the approval holder must: <ul style="list-style-type: none"> a. undertake at least one pre-clearance survey of the proposed area of clearing, and b. publish on the website the pre-clearance survey findings, including: <ul style="list-style-type: none"> i. the location and extent of trees to be cleared, including maps, and

	ii.	a discussion of how removal of trees will not change the ability of Koalas to disperse across the landscape.
--	-----	---

Original dated 25 June 2024	7)	The approval holder must not make changes to the habitat descriptions and mapping rules stipulated in the Constraints Protocol unless approved by the Minister in writing.
-----------------------------	----	---

Original dated 25 June 2024	8)	<p>The approval holder must ensure that any updates to constraints mapping based on pre-clearance surveys are only undertaken in accordance with the habitat descriptions and mapping rules stipulated in the Constraints Protocol. If the constraints mapping is updated in this way, the approval holder must, at least 10 business days prior to clearing, submit to the department:</p> <p>a. an electronic copy of the Constraints Protocol, including the updated constraints mapping, and the Environmental Constraints Analysis Report.</p> <p>b. an explanation of the updates made to the updated constraints mapping.</p> <p>c. details and results of the relevant pre-clearance surveys.</p> <p>d. evidence that updates to the constraints mapping align with the habitat descriptions and mapping rules stipulated in the approved Constraints Protocol.</p>
-----------------------------	----	---

ACTION MANAGEMENT PLANS

Original dated 25 June 2024	Constraints Protocol	9) To avoid and mitigate harm as a result of the Action on protected matters , the approval holder must commence implementing the Constraints Protocol from the commencement of the Action and continue to implement the Constraints Protocol until the completion of the Action .
-----------------------------	-----------------------------	---

Original dated 25 June 2024	Environmental Management Plan	10) To avoid and mitigate harm as a result of the Action on protected matters , the approval holder must commence implementing the Environmental Management Plan from the commencement of the Action and continue to implement the Environmental Management Plan until the completion of the Action .
-----------------------------	--------------------------------------	--

Original dated 25 June 2024	Significant Species Management Plan	11) To avoid and mitigate harm as a result of the Action on protected matters , the approval holder must commence implementing the Significant Species Management Plan from the commencement
-----------------------------	--	---

of the Action and continue to implement the **Significant Species Management Plan** until the **completion of the Action**.

Original dated 25
June 2024

Rehabilitation Plan

- 12) To avoid and mitigate harm as a result of the Action on **protected matters**, the approval holder must commence implementing the **Rehabilitation Plan** from the **commencement of the Action** and continue to implement the **Rehabilitation Plan** until the **completion of the Action**.
-

Original dated 25
June 2024

Water Monitoring and Management Plan

- 13) To avoid and mitigate harm as a result of the Action on **protected matters**, the approval holder must commence implementing the **Water Monitoring and Management Plan** from the **commencement of the Action** and continue to implement the **Water Monitoring and Management Plan** until the **completion of the Action**.
-

SURFACE WATER

Original dated 25
June 2024

- 14) To avoid and mitigate **harm to water resources** as a result of the Action, the approval holder must:
- a. not release or discharge **CSG produced water** from the Action to surface water;
 - b. not release salt and/or brine from **CSG produced water** from the Action to surface water;
 - c. ensure that the quality of **CSG produced water** supplied for irrigation use meets the **ANZG Guidelines** for water quality for irrigation purposes.
-

Original dated 25
June 2024

- 15) To assess and mitigate **harm to protected matters** from **chemicals**, the approval holder must implement the **Chemical Risk Assessment (CRA)** until the **completion of the Action**.
-

Original dated 25
June 2024

- 16) The approval holder must publish the **CRA** and Register of Assessed Chemicals on its **website** prior to the **commencement of the Action** and ensure the **CRA** and Register of Assessed Chemicals remain published on the **website** until at least **the completion of the Action**.
-

Original dated 25
June 2024

- 17) The approval holder must not use a **low-risk chemical** until that **chemical's** risk assessment has been recorded in the Register of
-

Assessed Chemicals and provided to the **department** as required by the **CRA**.

Original dated 25 June 2024 18) The approval holder must not use a **high-risk chemical** until the **Minister** has approved that **chemical's** risk assessment in writing, accompanied by an **independent** peer review by a **chemical risk assessment expert**, and the risk assessment has been recorded in the Register of Assessed Chemicals as required by the **CRA**.

COMPLIANCE MONITORING

Original dated 25 June 2024 19) The approval holder must engage a **chemical risk assessment expert** to peer review all chemical risk assessments at least once every 5 years, commencing from the date of this approval. The peer review of all chemical risk assessments must be completed before the end of each 5-year anniversary of the date of this approval. The peer review must include:

- a. an assessment of whether all risk assessments on the register are consistent with current scientific knowledge;
- b. an evaluation of the adequacy of relevant monitoring, mitigation and management measures that have been implemented by the approval holder; and
- c. an explanation of how the approval holder will address or has addressed any concerns raised by the peer review.

Original dated 25 June 2024 20) The approval holder must, within 60 **business days** of the completion of the peer review, submit to the **department** a signed statement by the **chemical risk assessment expert** detailing the findings of the 5-year peer review and provide evidence demonstrating how all concerns raised by the peer review have been, or will be, addressed.

SUBSIDENCE

Original dated 25 June 2024 21) If a subsidence investigation trigger specified in the **Water Monitoring and Management Plan** is detected, the approval holder must notify the **department** in writing within 5 **business days** of the detection.

Original dated 25 June 2024 22) Within 40 **business days** of detecting an investigation trigger in accordance with condition 21, the approval holder must submit a Subsidence Mitigation Action Plan to the **department** for the **Minister's** approval to mitigate **harm to protected matters**. In

preparing the Subsidence Mitigation Action Plan, the approval holder must ensure that it:

- a. is prepared by **suitably qualified water resources expert**;
- b. assesses the potential extent and severity of actual and potential impacts to **protected matters** from existing and predicted subsidence, including timing of expected impacts;
- c. includes commitments from the approval holder to implement suitable mitigation measures, tailored to site-specific conditions, impact cause, timing and magnitude;
- d. if relevant, includes commitments from the approval holder to implement procedural changes to the Action to prevent further subsidence;
- e. schedules the implementation of mitigation measures and/or procedural changes, including reporting to the **department**, tailored to the anticipated timing of impacts; and
- f. contains procedures to evaluate the effectiveness of the mitigation measures and/or procedural changes and adapt the response accordingly.

The approved Subsidence Mitigation Action Plan must be implemented until at least the **completion of the Action**.

Original dated 25
June 2024

23) If the **Minister** is not satisfied with the Subsidence Mitigation Action Plan required under condition 22, or if the **Minister** is not satisfied that the proposed mitigation measures and/or procedural changes will prevent further subsidence, the **Minister** may direct in writing that the approval holder:

- a. provide specified additional data and/or evidence;
- b. implement specified corrective actions and/or procedural changes at the expense of the approval holder; and
- c. pause the taking of a specified part of the Action until the **Minister** subsequently advises in writing that the approval holder may resume taking the specified part of the Action.

SURAT GMA JOINT INDUSTRY FRAMEWORK

Original dated 25
June 2024

24) For the protection of **water resources** within the **Surat CMA**, the approval holder must ensure that the outcomes and sub-outcomes for **water resources** specified in the table below are achieved and maintained.

Note: 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-outcomes for **water resources**.

Controlling provision	Sections 18 and 18A of the EPBC Act	Sections 24D and 24E of the EPBC Act			
Protected matter or associated user of the protected matter	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 purpose, or is made good.	No adverse effects on the function and environmental values due to CSG development .		No adverse effects to ensure stygo fauna habitat is maintained or improved.

Original dated 25 June 2024

25) To ensure the outcomes in Condition 24 are achieved and maintained, the approval holder must manage impacts on **water resources** in accordance with the **relevant risk management framework**.

Original dated 25 June 2024

26) If, at any time during the period for which this approval has effect, an impact 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**, the approval holder must notify the **department** within 20 **business days**.

Original dated 25 June 2024

27) Within 9 months of notifying the **department** of the **high-risk or very high-risk impact**, the approval holder must provide for the written approval of the **Minister**:

- a. description and location of impact and associated users;
- b. **performance criteria**;
- c. **trigger values**;

-
- d. **limits**; and
 - e. the **contributing wells**, including identification number, GPS coordinates and **shapefiles**.

Or provide a statement to the **department** as to why the provision of **performance criteria, trigger values, limits and contributing wells** is not necessary for the written agreement of the **Minister**.

Original dated 25 June 2024

- 28) If the statement provided under Condition 27 is not agreed to by the **Minister** in writing, the approval holder must provide the description and location of impact and associated users, **performance criteria, trigger values, limits and contributing wells** for the written approval of the **Minister** within a timeframe specified by the **Minister** in writing.

Original dated 25 June 2024

- 29) A description and location of impact and associated users, **performance criteria, trigger values, limits and contributing wells**, or statement provided under Condition 27, 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**.

Note: 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**.

Original dated 25 June 2024

- 30) If the information specified in Conditions 27a to 27e 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: 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 27a to 27e will ensure the outcomes specified under Condition 24 will be, or are likely to be, achieved.

Note: 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 27 and Condition 29, and any other relevant information available to the **Minister** at the time of the decision.

Original dated 25 June 2024	31) The approval holder must undertake impact management in accordance with the interim performance criteria, trigger values and limits until the performance criteria, trigger values and limits required under Condition 27 are approved by the Minister in writing.
Original dated 25 June 2024	<p>32) 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:</p> <ul style="list-style-type: none"> a. following the date of approval of the description and location of impact 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. <p>The Outcomes Assurance Statement must be submitted in accordance with reporting requirements specified in the JIF.</p>
Original dated 25 June 2024	<p>33) 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 outcomes specified in Condition 24.</p> <p>Note: 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.</p>
Original dated 25 June 2024	<p>34) If the Minister believes on the basis of the Outcomes Assurance Statement, any information provided under Condition 35 and any other relevant information that the outcomes in Condition 24 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</p>

and provide a written report to the **Minister** within three months of the notification setting out the responses and their effectiveness.

Note: If there is an exceedance of a **limit**, Condition 36 requires this to be reported to the **Minister** and Condition 37 requires the approval holder to **cease groundwater extraction** within 10 **business days** of that notification.

Original dated 25 June 2024	35) 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. The approval holder must report this exceedance, and the contributing wells , to the department within 10 business days of the detection.
-----------------------------	---

Original dated 25 June 2024	36) If the approval holder detects that a limit has been exceeded, the approval holder must report this and the contributing wells to the department within 10 business days of the detection.
-----------------------------	--

Original dated 25 June 2024	37) Unless otherwise notified by the Minister in writing, the approval holder must cease groundwater extraction associated with the contributing wells identified in Condition 36 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 outcomes specified under Condition 24 have not been achieved.
-----------------------------	--

Note: 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.

Original dated 25 June 2024	38) If the approval holder has been required to cease groundwater extraction pursuant to Condition 37, the approval holder must urgently implement corrective actions to reduce performance criteria below approved or interim limits and trigger values .
-----------------------------	--

The approval holder must not recommence **groundwater extraction** until:

- a. the impact has been reversed; or
 - b. the **Minister** has agreed, in writing, that the outcomes specified in Condition 24 has been achieved; and
-

-
- c. written approval to recommence **groundwater extraction** has been given by the **Minister**.

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

GROUNDWATER DEPENDENT ECOSYSTEMS

- | | |
|-----------------------------|---|
| Original dated 25 June 2024 | 39) In accordance with the Water Monitoring and Management Plan , the approval holder must install two additional monitoring bores at a single nested site in the vicinity of Wandoan Creek, within the area of predicted drawdown near the northern boundary of ATP 2059. The precise location of the monitoring bore pair must be informed by a suitably qualified water resources expert . The information received from the additional monitoring bores must be submitted in accordance with reporting requirements specified in the JIF . |
|-----------------------------|---|

- | | |
|-----------------------------|--|
| Original dated 25 June 2024 | 40) Within 5 months of the second-year anniversary of this approval, the approval holder must provide to the department the Groundwater Dependency Assessment Program report in accordance with the Water Monitoring and Management Plan . The report must include, at a minimum, the results of 2-year sampling program and conclusions on whether targeted trees are likely to be utilising groundwater. |
|-----------------------------|--|
-

Part B – Administrative conditions

REVISION OF ACTION MANAGEMENT PLANS

- | | |
|-----------------------------|---|
| Original dated 25 June 2024 | 41) The approval holder may, at any time, apply to the Minister for a variation to any plan 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. |
| Original dated 25 June 2024 | 42) The approval holder may choose to revise an action management plan required under conditions 10 to 12 without submitting it for approval under section 143A of the EPBC Act , if the taking of the |
-

Action in accordance with the RAMP would not be likely to have a **new or increased impact**.

Original dated 25
June 2024

- 43) If the approval holder makes the choice under condition 42 to revise an action management plan without submitting it for approval, the approval holder must:
- a. Notify the **department** electronically that the approved action management plan has been revised and provide the **department** with:
 - i. An electronic copy of the RAMP.
 - ii. An electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP.
 - iii. An explanation of the differences between the approved action management plan and the RAMP.
 - iv. The reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a **new or increased impact**.
 - v. Written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 **business days** after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the **department**.
 - b. Subject to condition 45, implement the RAMP from the RAMP implementation date.
-

Original dated 25
June 2024

- 44) The approval holder may revoke its choice to implement a RAMP under condition 42 at any time by giving written notice to the **department**. If the approval holder revokes the choice under condition 42, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 42.
-

Original dated 25
June 2024

- 45) If the **Minister** notifies the approval holder that the **Minister** is satisfied that the taking of the Action in accordance with the RAMP would be likely to have a **new or increased impact**, then:
- a. Condition 42 does not apply, or ceases to apply, in relation to the RAMP.
-

-
- b. The approval holder must implement the action management plan specified by the **Minister** in the notice.

Original dated 25 June 2024

- 46) At the time of giving the notice under condition 45, the **Minister** may also notify that, for a specified period of time, condition 42 does not apply for one or more specified action management plans.

Note: Conditions 42, 43, 44, 45 and 46 are not intended to **limit** the operation of section 143A of the **EPBC Act** which allows the approval holder to submit a revised Action management plan, at any time, to the **Minister** for approval.

SUBMISSION AND PUBLICATION OF PLANS

Original dated 25 June 2024

- 47) The approval holder must submit all **plans** required by these conditions electronically to the **department**.

Original dated 25 June 2024

- 48) Unless otherwise agreed to in writing by the **Minister**, the approval holder must publish each **plan** on the **website** within 15 **business days** of the date:
- a. the **plan** is approved by the **Minister** in writing, if the **plan** requires the approval of the **Minister**, or
 - b. of this approval, if the version of the **plan** to be implemented is specified in these conditions, or
 - c. the **plan** is submitted to the **department** in accordance with a requirement of these conditions, if the **plan** does not require the approval of the **Minister**.

Original dated 25 June 2024

- 49) The approval holder must keep all **plans** required by these conditions published on the **website** until the expiry date of this approval.

Original dated 25 June 2024

- 50) 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**.
-

COMMENCEMENT OF THE ACTION

Original dated 25 June 2024

- 51) The approval holder must notify the **department** electronically of the date of **commencement of the Action**, within 5 **business days** following **commencement of the Action**.
-

Original dated 25 June 2024	52) The approval holder must not commence the Action later than 5 years after the date of this approval decision.
Original dated 25 June 2024	53) The approval holder must maintain accurate and complete compliance records .
Original dated 25 June 2024	54) 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. Note: 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.
Original dated 25 June 2024	55) The approval holder must ensure that any monitoring data (including sensitive ecological 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.
Original dated 25 June 2024	56) The approval holder must ensure that any monitoring data (including sensitive ecological 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.
As varied on the date this instrument was signed	57) The approval holder must submit all monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the department within 60 business days of the 12-month anniversary of the approval, or in accordance with the requirements of the JIF and CRA
ANNUAL COMPLIANCE REPORTING	
Original dated 25 June 2024	58) The approval holder must prepare a compliance report for each 12-month period following the date of this approval decision (or as otherwise agreed to in writing by the Minister).

Original dated 25 June 2024	59) Each compliance report must be consistent with the <i>Annual Compliance Report Guidelines, Commonwealth of Australia 2023</i> .
Original dated 25 June 2024	60) Each compliance report must include: <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, andiii. 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.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.d. additional information as stated under section 10.6 of the JIF for annual compliance reporting.e. all wells established under this approval and include coordinates, installation dates, production start dates and production end dates for each well.
Original dated 25 June 2024	61) The approval holder must: <ul style="list-style-type: none">a. Publish each compliance report on the website within 60 business days following the end of the 12-month period for which that compliance report is required.b. Notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website.c. Provide the weblink for the compliance report in the notification to the department.d. Keep all published compliance reports required by these conditions on the website until the expiry date of this approval.e. Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public.f. If sensitive ecological 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: Compliance reports may be published on the **department's** website.

REPORTING NON-COMPLIANCE

Original dated 25 June 2024 62) The approval holder must notify the **department** electronically within 2 **business days** of becoming aware of any **incident** and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a **plan**.

Original dated 25 June 2024 63) The approval holder must specify in the notification:

- a. any condition or commitment made in a **plan** which has been, or may have been, breached.
- b. a short description of the **incident** and/or potential non-compliance and/or actual non-compliance.
- c. the location (including co-ordinates), date and time of the **incident** and/or potential non-compliance and/or actual non-compliance.

Note: If the exact information cannot be provided, the approval holder must provide the best information available.

Original dated 25 June 2024 64) The approval holder must provide to the **department** in writing, within 12 **business days** of becoming aware of any **incident** and/or potential non-compliance and/or actual non-compliance, the details of that **incident** and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a **plan**. The approval holder must specify:

- a. any corrective action or investigation which the approval holder has already taken.
- b. the potential impacts of the **incident** and/or non-compliance.
- c. the method and timing of any corrective action that will be undertaken by the approval holder.

INDEPENDENT AUDIT

Original dated 25 June 2024 65) The approval holder must ensure that an **independent audit** of compliance with the conditions is conducted for every **audit period**.

Original dated 25 June 2024	66) The approval holder must submit details of the proposed independent auditor and their qualifications to the department within 10 business days following the end of each audit period .
Original dated 25 June 2024	67) The approval holder must ensure the scope of each independent audit is sufficient to determine the compliance status for each condition of approval, and each commitment made in each plan . 68) The approval holder must ensure the criteria for each independent audit and the undertaking of each independent audit are consistent with the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i> , Commonwealth of Australia 2019.
Original dated 25 June 2024	69) The approval holder must submit an audit report to the department for written agreement from the department within 3 months following the end of each audit period , or as otherwise directed by the Minister in writing.
Original dated 25 June 2024	70) The approval holder must ensure each audit report is completed to the satisfaction of the Minister and is consistent with the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i> , Commonwealth of Australia 2019.
Original dated 25 June 2024	71) The approval holder must publish each audit report on the website , in a format that is easily accessible and downloadable, within 10 business days of the date the department agrees to the audit report in writing.
Original dated 25 June 2024	72) The approval holder must notify the department within 5 business days of the date the audit report is published on the website . In this notification, the approval holder must provide the department with the web address for where the audit report is published on the website .
Original dated 25 June 2024	73) The approval holder must keep each audit report published on the website from the first date which that audit report must be published and until the expiry date of this approval.
COMPLETION OF THE ACTION	
Original dated 25 June 2024	74) The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval that the approval is due to expire, unless prior notification under Condition 75 had been provided.

Original dated 25 June 2024	75) Within 20 business days after the completion of the Action , and, in any event, at least 20 business days before this approval expires, 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 .
-----------------------------	--

date of decision	definitions attached to approval
-------------------------	---

In these conditions any bolded use of a word or term refers to the below definition of that word or term:

Original dated 25 June 2024	ANZG Guidelines means <i>the Australian and New Zealand Guidelines for Fresh and Marine Water Quality</i> , Australian and New Zealand Governments and Australian state and territory governments 2018.
-----------------------------	--

Original dated 25 June 2024	<p>Aquatic GDEs means ecosystems dependent on the surface expression of groundwater, including:</p> <ul style="list-style-type: none"> a. river baseflow systems, aquatic and riparian ecosystems that exist in or adjacent to streams (including the hyporheic zone) which are fed by groundwater, and b. 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 ecosystems.
-----------------------------	---

Original dated 25 June 2024	Audit period means each subsequent five-year period following the commencement of the Action until the expiry date of this approval unless otherwise specified in writing by the Minister .
-----------------------------	--

Original dated 25 June 2024	Audit report means a written report of an independent audit .
-----------------------------	---

Original dated 25 June 2024	Business day means a day that is not a Saturday, a Sunday or a public holiday in Queensland.
-----------------------------	---

Original dated 25 June 2024	Cease groundwater extraction means to promptly discontinue all groundwater extraction from the contributing wells .
-----------------------------	--

Original dated 25 June 2024	Chemical risk assessment expert a person with at least a postgraduate degree (or equivalent) in a suitable area (such as chemistry) and a minimum of 10 years relevant experience in
-----------------------------	---

	chemical risk assessments, including at least one year of experience in Australia.
Original dated 25 June 2024	Chemical Risk Assessment or CRA means the document <i>Chemical Risk Assessment</i> , Senex, 2024, or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	Chemical means the drilling fluid compounds to be used in, or arising from, coal seam gas operations.
Original dated 25 June 2024	Clear, cleared or clearing means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting, or burning of vegetation but does not include weeds (see the <i>Australian Weeds Strategy 2017-2027</i> , Commonwealth of Australia 2017 for further guidance).
Original dated 25 June 2024	<p>Commence the Action or commencement of the Action means the first instance of any on-site clearing, construction or other physical activity associated with the Action but does not include minor physical disturbance necessary to:</p> <ol style="list-style-type: none"> a. Undertake pre-clearance surveys or monitoring programs. b. Install signage and/or temporary fencing to prevent unapproved use of the project area, so long as the signage and/or temporary fencing is located where it does not harm any protected matter. c. Protect environmental and property assets from fire, weeds, and feral animals, including use of existing surface access tracks. d. Install temporary site facilities for persons undertaking pre-commencement activities so long as these facilities are located where they do not harm any protected matter.
Original dated 25 June 2024	Commence the Action Completion data means an environmental report and spatial data clearly detailing how the conditions of this approval have been met.
Original dated 25 June 2024	Completion of the Action means the date on which all activities associated with the approved Action have permanently ceased and/or been completed.
Original dated 25 June 2024	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.

Original dated 25 June 2024	Compliance report means a written report of compliance with, and fulfilment of, the conditions attached to the approval.
Original dated 25 June 2024	Contributing well means the coal seam gas development wells 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 25 June 2024	Constraints mapping means the Stage 3 Ecological Constraints Categories Figure [SENEX-CORP-GI-MAA-690] Revision E or subsequent Revision as illustrated in Figure 1 of the Constraints Protocol and derived by applying the habitat descriptions in Appendix A of the Constraints Protocol .
Original dated 25 June 2024	Constraints Protocol means the document <i>Atlas Stage 3 Environmental Constraints Protocol for Planning and Field Development</i> , Senex, 22 March 2024, or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	<p>Construct or Construction means:</p> <ol style="list-style-type: none"> a. The erection of a building or structure that is, or is to be, fixed to the ground and wholly or partially fabricated on-site, b. the alteration, maintenance, repair or demolition of any building or structure, c. any work which involves breaking of the ground (including pile driving) or bulk earthworks, d. the laying of pipes and other prefabricated materials into the ground, and e. any associated excavation work. <p>Construction does not include the installation of temporary fences and signage.</p>
Original dated 25 June 2024	CSG produced water means underground water brought to the surface of the earth, or otherwise interfered with, in connection with exploring for or producing coal seam gas.
Original dated 25 June 2024	Department means the Australian Government agency responsible for administering the EPBC Act .

Original dated 25 June 2024	Development means any activity associated in the exploration, construction , operation, production and decommissioning of a coal seam gas action.
Original dated 25 June 2024	Ecosystem services means the benefits and services obtained from groundwater resources. These include: <ul style="list-style-type: none"> a. provisioning services (e.g., use by other industries and use as drinking water), b. regulating services (such as the climate regulation or the stabilisation of coastal systems), c. cultural services (including recreation and tourism, science and education), and d. supporting services (e.g. maintenance of ecosystem function).
Original dated 25 June 2024	Environmental Constraints Analysis Report means the document as outlined in the section 3.5 of the Constraints Protocol .
Original dated 25 June 2024	Environmental Management Plan means the <i>document Environmental Management Plan, Senex, 2024</i> , or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	Environmental Management Plan Guidelines means the <i>Environmental Management Plan Guidelines, Commonwealth of Australia 2024</i> .
Original dated 25 June 2024	Environmental value means a quality of physical characteristic of the associated user that is conducive to ecological health, public amenity or safety. In determining environmental value, the approval holder must take into consideration relevant threatened ecological communities and threatened species listed under the EPBC Act and their associated conservation advices and recovery plans.
Original dated 25 June 2024	EPBC Act means the <i>Environment Protection and Biodiversity Conservation Act 1999 (Cth)</i> .
Original dated 25 June 2024	EPBC-listed spring means groundwater-fed springs within the Surat CMA that support the Great Artesian Basin TEC , as listed under the EPBC Act , and/or listed threatened species and/or their habitat. 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 25 June 2024	Great Artesian Basin TEC means the EPBC Act listed threatened ecological community ‘the community of native species dependent on

	natural discharge of groundwater from the Great Artesian Basin threatened ecological community’.
Original dated 25 June 2024	Groundwater extraction means the process of extracting groundwater from an aquifer, including as a by-product of coal seam gas production.
Original dated 25 June 2024	Harm means to cause any measurable direct or indirect disturbance or deleterious change as a result of any activity associated with the Action.
Original dated 25 June 2024	High-risk or very high-risk means the overall unmitigated risk rating in the UWIR and as otherwise determined in accordance with the relevant risk management framework . Note: Any impact requiring mitigation is considered high-risk or very high-risk .
Original dated 25 June 2024	High-risk chemical means a Tier 3 or Tier 4 chemical as classified by the Chemical Risk Assessment .
Original dated 25 June 2024	Incident means any event which has the potential to, or does, harm any protected matter .
Original dated 25 June 2024	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
Original dated 25 June 2024	Independent audit means an audit conducted by an independent auditor , of compliance with and fulfilment of these conditions and the commitments made in plans , objectively evaluated against the audit criteria developed by the independent auditor , in accordance with the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i> , Commonwealth of Australia 2019.
Original dated 25 June 2024	Independent auditor means a person, or firm, who: <ul style="list-style-type: none"> a. 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, b. has demonstrated experience in undertaking government-regulated environmental compliance audits, and c. holds relevant professional qualifications and accreditations.

	*Other than for the purpose of undertaking the role for which an independent person, or firm, is required.
Original dated 25 June 2024	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 .
Original dated 25 June 2024	Joint Industry Framework or JIF means the <i>Coal Seam Gas – Joint Industry Framework – managing impacts to groundwater resources in the Surat Cumulative Management Area under EPBC Act approvals</i> , dated 17 March 2021.
Original dated 25 June 2024	Koala means the EPBC Act listed threatened species Koala (<i>Phascolarctos cinereus</i>) (combined populations of Qld, NSW, and the ACT).
Original dated 25 June 2024	Koala dispersal habitat means Koala dispersal habitat as specified in the Constraints Protocol .
Original dated 25 June 2024	Koala foraging and breeding habitat means Koala foraging and breeding habitat as specified in the Constraints Protocol .
Original dated 25 June 2024	Limit means a threshold greater than a trigger value which must not be exceeded. Note: An exceedance of a limit constitutes a failure to achieve the outcomes specified in Condition 24 and compliance actions will be implemented.
Original dated 25 June 2024	Listed threatened species means a threatened species listed under section 178 of the EPBC Act (other than a conservation dependent species).
Original dated 25 June 2024	Low-risk chemical means any Tier 1 or Tier 2 chemical as classified by the Chemical Risk Assessment .
Original dated 25 June 2024	Maximum disturbance limits means the maximum area of impact, in hectares, as specified in the Constraints Protocol .
Original dated 25 June 2024	Maintaining means the level and quality of groundwater discharge remains within the bounds of natural variability.
Original dated 25 June 2024	Minister means the Australian Government Minister administering the EPBC Act , including any delegate thereof.
Original dated 25 June 2024	Monitoring data means the data required to be recorded under the conditions of this approval.

Original dated 25 June 2024	New or increased impact means any direct or indirect increase in the impacts of an Action, an increase to the likelihood of an impact occurring, a reduction to the monitoring or mitigation measures for a protected matter , and/or a change to the nature of management of an environmental offset as outlined in the <i>Guidance on 'new or increased impact' relating to changes to approved management plans under EPBC Act environmental approvals</i> , Commonwealth of Australia 2017.
Original dated 25 June 2024	No adverse effect means not reaching or exceeding an approved or interim limit , as a result of the development . Note: If high-risk or very high-risk is not identified in accordance with the relevant risk management framework and limits are not required to be provided to the Minister under Condition 27, a limit is taken to not have been exceeded.
Original dated 25 June 2024	No impact means not reaching or exceeding an approved or interim limit , as a result of the development .
Original dated 25 June 2024	Outcomes Assurance Statement means the statement to be submitted by the approval holder to the Minister for each high-risk or very high-risk impact in accordance with Condition 32 and specifications in the JIF .
Original dated 25 June 2024	Performance criteria means specific parameters (as specified in the JIF), 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.
Original dated 25 June 2024	Plan means any action management plan, strategy or protocol that the approval holder is required by these conditions to implement.
Original dated 25 June 2024	Pre-clearance surveys means surveys that are undertaken within the project area prior to clearing to determine the occurrence and location of any EPBC Act listed threatened species and their habitat and ecological communities.
Original dated 25 June 2024	Project area means the location of the Action, represented in <u>Attachment A</u> by the zone enclosed by the dotted red line designated 'Project Area'.
Original dated 25 June 2024	Protected matter means a matter protected under a controlling provision in Part 3 of the EPBC Act for which this approval has effect.

Original dated 25 June 2024	Rehabilitation Plan means the document <i>Rehabilitation Plan</i> , Senex, 2024, or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	Relevant risk management framework means as outlined in the endorsed JIF for EPBC-listed springs; water supply bores; aquatic GDEs; terrestrial GDEs and subterranean GDEs. Sensitive ecological data means data as defined in the <i>Sensitive Ecological Data – Access and Management Policy v1.0</i> , Commonwealth of Australia 2016.
Original dated 25 June 2024	Shapefile means location and attribute information about the Action provided in an Esri shapefile format containing: <ul style="list-style-type: none"> a. '.shp', '.shx', '.dbf' files, b. a '.prj' file which specifies the projection or geographic coordinate system used, and c. an '.xml' metadata file that describes the shapefile for discovery and identification purposes.
Original dated 25 June 2024	Significant Species Management Plan means the document <i>Significant Species Management Plan</i> , Senex, 2024, or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	SIMS mitigation plan means the mitigation plan to be completed by approval holders as directed by the Queensland Office of Groundwater Impact Assessment and as required under section 379 of the Queensland <i>Water Act 2000</i> and endorsed by the relevant Queensland agency.
Original dated 25 June 2024	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 impacts and associated users, performance criteria , trigger values , limits and contributing wells have been derived, or not derived, to ensure that Condition 24 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 .
Original dated 25 June 2024	Squatter Pigeon means the EPBC listed threatened species Squatter Pigeon (southern) (<i>Geophaps scripta scripta</i>).
Original dated 25 June 2024	Squatter Pigeon dispersal habitat means Squatter Pigeon dispersal habitat as specified in the Constraints Protocol .

Original dated 25 June 2024	Stygofauna habitat means the subterranean living and non-living components of where an organism and/or ecological community exists.
Original dated 25 June 2024	Subterranean GDEs means aquifer ecosystems, including stygofauna.
Original dated 25 June 2024	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.
Original dated 25 June 2024	Surat CMA means the Surat cumulative management area declared under the Queensland <i>Water Act 2000</i> .
Original dated 25 June 2024	Terrestrial GDEs means ecosystems partially, or wholly, dependent on the subsurface presence of groundwater.
Original dated 25 June 2024	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.
Original dated 25 June 2024	UWIR means the <i>Underground Water Impact Report for the Surat Cumulative Management Area, State of Queensland 2019</i> .
Original dated 25 June 2024	Water Monitoring and Management Plan the document <i>Water Monitoring and Management Plan, Senex, 2024</i> , or the latest subsequent version revised in accordance with these conditions.
Original dated 25 June 2024	Water resources means: <ul style="list-style-type: none"> a. surface water or groundwater, or b. a watercourse, lake, wetland or aquifer (whether or not it currently has water in it), and c. 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).
Original dated 25 June 2024	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	Attachments
Original dated 25 June 2024	<u>Attachment A</u> : Project Area
