



**EPBC APPROVAL NO.
2008/4059 SANTOS
GLNG GAS FIELDS
ANNUAL
COMPLIANCE
REPORT 2023**

17 November 2023

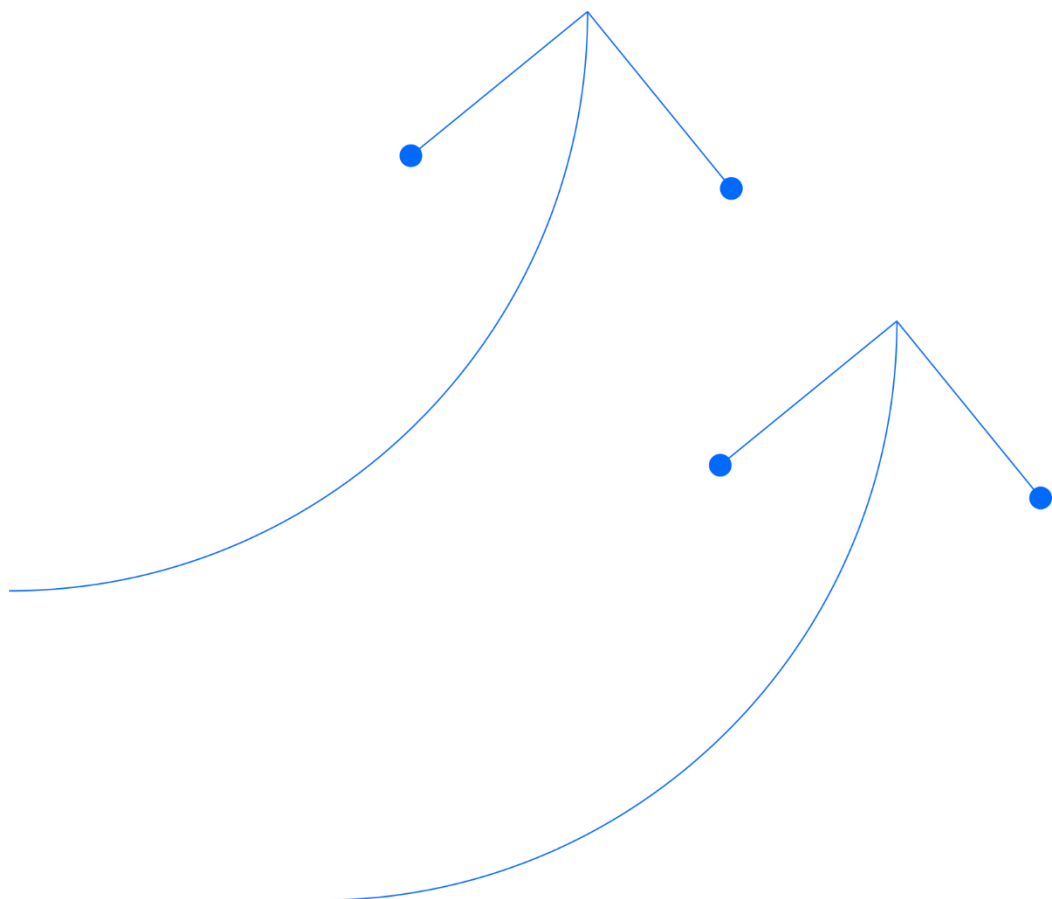


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1. Introduction

On 22 October 2010, Santos Ltd (Santos) received approval to develop, construct, operate and decommission coal seam gas resources in the Surat and Bowen Basins between Roma and Emerald in Queensland to supply gas for a related proposal for a natural gas liquefaction and export facility near Gladstone as described in referral EPBC No 2008/4059 (EPBC Approval).

The 2023 Annual Environmental Return (2023 AER) has been developed to satisfy Condition 110 and Condition 111 of the EPBC Approval.

Condition 110 states:

“110. The proponent must produce an Annual Environmental Return which:

- a) addresses compliance with these conditions;*
- b) records any unavoidable adverse impacts on MNES, mitigation measures applied to avoid adverse impacts on MNES; and any rehabilitation work undertaken in connection with any unavoidable adverse impact on MNES;*
- c) identifies all non-compliances with these conditions; and*
- d) identifies any amendments needed to plans to achieve compliance with these conditions.”*

Condition 111 States:

“111. The proponent must publish the Annual Environmental Return on the Internet within 20 business days of each anniversary date of this approval.”

The date of commencement of the action was 22 October 2010. The relevant anniversary date of the EPBC Approval for the purposes of the 2023 AER is 22 October 2023.

The EPBC Approval was amended on 8 February 2023. The amendment approved a significant number of variations to the conditions of approval relating to general conditions, CSG water management, annual reporting and definitions

The 2023 AER covers the period 22 October 2022 – 21 October 2023 (AER period).

Section 2 documents how compliance has been met with condition 110 during the AER period.

2. Compliance

2.1. Compliance with conditions – Condition 110(a)

Condition 110 states:

110. The proponent must produce an Annual Environmental Return which:

- a) addresses compliance with these conditions;*

Table 1 provides a summary of Santos’ compliance with the conditions of the EPBC Approval during the AER period and depicts the date of variation for each condition.

2.2. Matters of National Environmental Significance – Condition 110(b)

Condition 110 states:

110. The proponent must produce an Annual Environmental Return which:

b) records any unavoidable adverse impacts on MNES, mitigation measures applied to avoid adverse impacts on MNES; and any rehabilitation work undertaken in connection with any unavoidable adverse impact on MNES;

2.2.1. Unavoidable Adverse Impacts on MNES

Unavoidable impacts from gas field development on Commonwealth listed threatened ecological communities and habitat for EPBC Act listed fauna species that are subject to the EPBC Approval have been quantified and are in accordance with limits as set in condition 25.

2.2.2. Mitigation Measures Applied to Avoid Adverse Impacts on MNES

Implementation of the following management plans provide for mitigation and avoidance of adverse impacts on MNES:

- Environmental Protocol for Constraints Planning and Field Development (the Protocol);
- Significant Species Management Plan; and
- Remediation, Rehabilitation and Recovery Monitoring Plan (RRRMP).

2.2.3. Rehabilitation Work Undertaken in Connection with any Unavoidable Adverse Impacts on MNES

To date no rehabilitation works have been completed in connection with the unavoidable adverse impacts on MNES. Reinstatement of disturbed areas has occurred including erosion and sediment control measures and site stabilisation in line with the approved RRRMP. Rehabilitation works will commence as soon as reasonably practicable following the completion of decommissioning activities.

2.3. Non-compliances – Condition 110(c)

Condition 110 states:

110. The proponent must produce an Annual Environmental Return which:

c) identifies all non-compliances with these conditions; and

Condition 106 states:

“106. The proponent must, when first becoming aware of a non-compliance with these conditions, or a plan required to be approved by the Minister under these conditions:

- a. report the non-compliance and remedial action to the Department within five business days; and*
- b. bring the matter into compliance within a reasonable time frame specified in writing by the Department.”*

There were no incidents involving impacts to MNES during the reporting period.

2.4. Amendments to Plans – Condition 110(d)

Condition 110 states:

“110. The proponent must produce an Annual Environmental Return which:

d) identifies any amendments needed to plans to achieve compliance with these conditions.”

There were no amendments to plans during the reporting period.

Table 1 - Compliance with Conditions of EPBC Act Approval No. 2008/4059

Date of decision	Condition	Evidence / Comments
	<i>Project area</i>	
26th July 2017	1. The project area is the area designated as Figure 1, the Santos GLNG Reasonably Foreseeable Development Area (RFDA).	The project area is compliant with the area as illustrated Figure 1.
	<i>Infrastructure limits</i>	
Original Dated 22nd Oct 2010	2. Impacts must be limited to a maximum of 2,650 production wells and impacts related to associated gas field development.	Potential impacts are limited to a maximum of 2,650 production wells and associated gas field development.
	<i>Constraints Planning and Field Development</i>	
	<i>Protocol for Constraints Planning and Field Development</i>	
Original Dated 22nd Oct 2010	3. Before the commencement of gas field development, the proponent must develop a Constraints Planning and Field Development Protocol (the Protocol).	Santos GLNG has developed a Constraints Planning and Field Development Protocol (the Protocol) in accordance with conditions 3, 4, 5 and 6. This protocol is published on the Santos Website.
Original Dated 22nd Oct 2010	4. The Protocol must include and apply for the life of the project and include the principles of: <ul style="list-style-type: none"> a. avoiding direct and indirect adverse impacts on MNES; b. mitigating and managing direct and indirect impacts to minimise cumulative adverse impacts on MNES; c. active site remediation and rehabilitation of impacted areas to promote and maintain long-term recovery of MNES. 	
28th May 2014	5. The Protocol must: <ul style="list-style-type: none"> a. Classify the following as being within the proponent's high environmental constraint class B (or should the proponent's classification be revised, an equivalent high environmental constraints class): <ul style="list-style-type: none"> i. all listed threatened ecological communities; ii. all listed flora species; and iii. those listed threatened and migratory fauna species habitats as identified in management plans required 	

under these conditions, which where relevant may be described in terms of specific niche habitat types;

Note: The proponent's approach to environmental constraint class B and related avoidance and impact mitigation is described in SEIS Attachment D5 (dated November 2009). The protocol conditions do not apply to the other constraints that the proponent has included in environmental constraint class B unless these are relevant to MNES.

- b. take into account all current survey data and available information and maps of all MNES relevant to the project area as described within environmental constraint class B;
- c. require the undertaking and documentation of planning and pre-clearance site assessments and field ecological surveys in proposed gas field development areas where constraint class B is mapped, likely or found. The pre-clearance site assessments and field ecological surveys must identify and assess options relating to potential gas field development adverse impacts on MNES and provide recommendations to inform the proponent's decision to develop the project area;
- d. to avoid direct and indirect adverse impacts on MNES, including fragmentation and edge effects, require the proponent to determine the location of proposed infrastructure in accordance with the following:
 - i. preferentially avoid native vegetation that constitutes a listed ecological community and/or may provide habitat for listed species and utilise previously cleared or previously utilised areas;
 - ii. exclude exploration and production wells from within areas identified as environmental constraint class B unless their location in environmental constraints class B is justified as an exception given other constraints and the impact on any MNES will be minimal, short term, and recoverable; and

Note: Directional drilling and multiple drill holes from one well pad are options to avoid well site and related infrastructure disturbance to environmental constraint class B.

- e. either:

- i. exclude other non-linear infrastructure from the no impact zone; or
 - ii. where the location of other nonlinear infrastructure in the no impact zone cannot be avoided, only authorise the siting of that infrastructure in that zone where field ecological surveys demonstrate that there will be minimal, short term, and recoverable, or no adverse impact on any MNES, including habitat for any listed species; and
 - iv) either:
 - (1) exclude linear infrastructure from the impact risk zone; or
 - (2) where the location of linear infrastructure in the impact risk zone is justified given other constraints and cannot be avoided, only authorise the siting of that infrastructure in that zone where field ecological surveys demonstrate that there will be minimal adverse impact on any MNES, including habitat for any listed species;
- Note: Justification is reportable in accordance with condition 13 a) vii). The management plan requirements under condition 8 h) may also indicate that a species or its habitat can co-exist with specific types of gas field infrastructure and operations.
- f. require the proponent to plan for and decide the extent that proposed linear infrastructure may have an adverse impact on MNES in accordance with the following:
 - i. all linear disturbance within environmental constraint class B for MNES and the impact risk zone must be in accordance with the limits specified in Table 1
Authorised Disturbance for Linear Infrastructure

Table 1: Authorised Disturbance for Linear Infrastructure

Type of Linear Infrastructure	Clearing Width (m)
(A) Access track(s) not associated with a pipeline(s), communication line(s) or power line(s):	
(a) single carriage access tracks	18
(b) dual carriage access tracks	21

(c) single or dual carriage access track and associated turnaround bay with a single pipeline, communication line or power line	35
(B) Access track(s) associated with a pipeline(s), communication line(s) or power line(s):	
(a) single carriage access tracks with a single pipeline, communication line or power line	24
(b) dual carriage access tracks with a single pipeline, communication line or power line	27
(c) single or dual carriage access track and associated turnaround bay with a single pipeline, communication line or power line	41
(d) additional clearing for any additional parallel pipeline, communication line or power line associated with (B) (a), (b), or (c)	7 ¹
(C) Additional clearing for take-off drains, powerline stays or turnaround bays or other work areas:	
(a) Additional clearing for power line stays associated with (B)	10
(b) additional clearing for take-off drains associated with (A) or (B)	10
¹ Maximum total disturbance for (B) is 62m.	

- g. support bioregional corridors for listed threatened species and migratory species, and connectivity for listed threatened ecological communities;
- h. ensure site assessments and field ecological surveys:
 - i. are undertaken in accordance with the Department's survey guidelines in effect at the time of the survey. This information can be obtained from <http://www.environment.gov.au/epbc/guidelines-policies.html#threatened>;
 - ii. take account into and reference previous ecological surveys undertaken in the area and relevant new information on likely presence or absence of MNES;

- iii. are undertaken by a suitably qualified ecologist approved by the Department;
- iv. document the survey methodology, results and significant findings in relation to MNES;
- v. apply best practice site assessment and ecological survey methods appropriate for each listed threatened species, migratory species, their habitat and listed ecological communities;

Note: Best practice includes applying the optimum timing and frequency of site assessments and surveys to determine presence or absence of listed threatened species or migratory species or their habitat, or a listed threatened ecological community.

- i. apply the mapping of environmental constraints class B; the infrastructure location requirements; minimum no impact zones; impact risk zones; and the width requirements for linear infrastructure corridors described in e); and
- ii. reports are published by the proponent on the Internet 20 business days before clearance of native vegetation in an infrastructure impact area and provided to the Department on request;
- i. require species and ecological community management plans which include:
 - i. relevant avoidance and mitigation measures to be applied;
 - ii. measures for protecting each listed threatened species and migratory species and their habitat, and each listed threatened ecological community not previously assessed by the proponent, should one or more be found in the project area at any time over the life of the project. Any such management plans must be developed in a timeframe to be approved by the Department. Notification of additional MNES found must be provided to the Department in writing within 10 business days. Measures must include the development of a management plan consistent with requirements under condition 8.

	j. the proponent must ensure constraints planning and field development decisions are made in accordance with the Protocol (including any relevant species and ecological community management plans) before final selection of specific sites for gas field development within the project area.	
Original Dated 22nd Oct 2010	6. The Protocol must ensure relevant information on MNES is available and used by the proponent to support field development and management decisions throughout the life of the project.	
	<i>Management plans for listed species and ecological communities</i>	
Original Dated 22nd Oct 2010	7. Before commencement of each major stage of gas field development the proponent must develop management plans for that area addressing each listed species and listed ecological community that, as indicated through assessment or more recent information, may be potentially impacted by gas field development within the project area (defined by condition 1), or external to the project area as a result of gas field development.	Santos has developed the CSG Fields Significant Species Management Plan (SSMP) in accordance with conditions 7, 8, 9 and 10.
As varied on the date this instrument was signed (8 th Feb 2023)	8. Management plans required under condition 7 must be developed by a qualified ecologist approved in writing by the Department and at least address those listed ecological communities in Table 2 and those listed species in Table 3 of these conditions. As a minimum each plan must address the following as is relevant to each MNES: <ul style="list-style-type: none"> a. current legal status (under EPBC Act); b. known distribution; c. known species' populations and their relationships within the region; d. extent of ecological community fragmentation within the region and if appropriate minimum patch size for that community e. to support field identification and ecological surveys, description of the relevant characteristics of the ecological community; f. species' biology and reproduction and description of general habitat; g. to support field identification and ecological surveys, description of the species' habitat, which may be described in terms of essential habitat, and microhabitat including associations with geology, soils, landscape features and 	

associations with other native fauna and/or flora or ecological communities, and where relevant specific niche habitat descriptions that can be meaningfully applied in constraints planning and used in field ecological surveys;

Note: Constraints mapping may be limited by available data for many species and may therefore be inadequate to map habitat requirements for planning and management purposes, or to indicate presence without on ground assessment. Condition 8 g) requires the essential components of a species' habitat to be described where relevant to support field identification and environmental constraints decision making. This should include essential habitat components for widely distributed species present in low numbers and for other species likely to be present but not often observed.

- h. threats to MNES relating to the development and management of land within the gas fields including from the development, operation and decommissioning of infrastructure within the gas fields; and from groundwater extraction and aquifer depressurisation, CSG water use and disposal, whether the threat is within or outside the gas field development area;

Note: This part of a management plan may also indicate that a species or its habitat can co-exist with specific types of gas field operations.

- i. relevant management practices and methods to minimise impact and recover from impact that should include:
 - i. site rehabilitation timeframes, standards and methods;
 - ii. use of sequential clearing to direct fauna away from an impact zone;
 - iii. re-establishment of native vegetation in linear infrastructure corridors;
 - iv. welfare and safe handling of fauna specimens requiring relocation from impact sites;
 - v. handling practices for flora specimens;
 - vi. translocation practices and monitoring for translocation success;
 - vii. monitoring methods including for rehabilitation success and recovery;

	<p>j. surface and ground water quality and quantity requirements, including relevant downstream environmental quality parameters;</p> <p>k. reference relevant conservation advice, recovery plans, or other policies, practices, standards or guidelines relevant to MNES published or approved from time to time by the Department or the Minister.</p> <p><i>Note 1: The management plans must include sufficient detail to inform field development decisions, ongoing management and decommissioning to minimise adverse impacts on MNES through the life of the project.</i></p> <p><i>Note 2: To the extent that the requirements of condition 8 are satisfied for each species, a single plan may be prepared to address a group of species which have similar ecological characteristics and habitat needs. Other conditions also require species or ecological community management plans to be developed in certain circumstances in accordance with condition 8.</i></p>	
Original Dated 22nd Oct 2010	<p>9. Each species and ecological community management plan must be submitted for the approval of the Minister. Commencement of each major stage of gas field development within the project area must not occur without written approval of each plan for each listed species and ecological community within the proposed area of development. The proponent may undertake 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 MNES, and only if the proponent has notified the Department in writing before an activity is undertaken. Approved species and ecological community management plans must be implemented.</p>	
Original Dated 22nd Oct 2010	<p>10. The proponent must establish a program for routine review of the species and ecological community management plans to be undertaken by a qualified ecologist approved by the Department (with other experts as appropriate) to take into account any new information available to the proponent, including any information and advice provided by Commonwealth or Queensland Government agencies, or available from other CSG proponents.</p>	

Original Dated 22nd Oct 2010	11. The Minister may require through a request in writing the periodic review of the species and ecological community management plans either by the Department; or alternatively by an independent qualified ecologist, or other experts, approved by the Department. Plans must be approved by the Department in writing.	No requests have been received from the Department to update the management plans during the AER period.
Original Dated 22nd Oct 2010	12. Independent review of plans will be at the financial expense of the proponent. Once independently reviewed, plans must be submitted for written approval by the Department. Approved plans must be implemented.	Not applicable during the AER period.
	<i>Record of impacts</i>	
Original Dated 22nd Oct 2010	<p>13. If an impact (which may include a presumed impact where the species is presumed to be present) occurs to a MNES during gas field development, operation, or decommissioning the proponent must:</p> <ul style="list-style-type: none"> a. record the impact by reference to: <ul style="list-style-type: none"> i. the location, specific site and type of infrastructure or activity; ii. each MNES subject to disturbance; iii. the related site assessment or field ecological survey documentation and recommendations, or the decision that the particular MNES was presumed to be present; iv. the disturbance limit set under condition 25; v. the total area of actual disturbance; vi. the remaining disturbance limit for each affected MNES; vii. the reasons for the decision including justification for the action taken, description of the efforts taken to avoid impact, and explanation why other constraints might justify the adverse impact on MNES; viii. actions and commitments by the proponent to remediate, rehabilitate, or make good any unauthorised disturbance; and <p><i>Note: This condition applies to any adverse impact on MNES, whether or not a disturbance limit has been set, and whether or not the impact has been decided by the proponent under the Protocol based on other physical constraints.</i></p>	All disturbances are recorded and maintained in accordance with this condition.

	b. record the information to a standard which can be independently audited.	
	<i>Site remediation, rehabilitation and recovery plan</i>	
Original Dated 22nd Oct 2010	14. Where a direct or indirect impact has occurred to MNES (which may include a presumed impact where the species is presumed to be present) the proponent must under the Protocol apply remediation, rehabilitation and recovery measures appropriate for each MNES to restore connectivity or rehabilitate disturbed areas to pre-clearance quality or better, and to minimise cumulative impacts throughout the life of the project.	Santos has developed a CSG Fields Remediation, Rehabilitation, Recovery and Monitoring Plan (RRRMP) in accordance with conditions 14, 15, 16, 17, 18 and 19.
Original Dated 22nd Oct 2010	15. Before commencement of gas field development the proponent must develop a Remediation, Rehabilitation, Recovery and Monitoring Plan. The Plan must: <ul style="list-style-type: none"> a. include site remediation measures including timeframes and standards for preventing erosion and stabilising disturbed soil in impact areas; b. include measures to support recovery of listed species' habitat and recovery of listed ecological communities affected by gas field development; c. include responses to threats to MNES from the proponent's operational activities and land management activities including the disposal and use of associated water, damage by livestock, and impacts from feral animals and weeds; d. provide for fire prevention and management regimes during construction, operation, and decommissioning to protected MNES; e. include performance measures and related monitoring to assess site remediation, rehabilitation and recovery; f. provide for reporting on the implementation of the Remediation, Rehabilitation, Recovery and Monitoring Plan including monitoring and performance to a standard which can be independently audited; g. reference relevant conservation advice, recovery plans, species management plans, or policies, practices, standards or guidelines endorsed or approved from time to time by the Department. 	

	<i>Note: The proponent may develop the plan to satisfy the requirements of both the Queensland Government and these conditions as indicated in condition 98 b).</i>	
Original Dated 22nd Oct 2010	16. The Remediation, Rehabilitation, Recovery and Monitoring Plan must be submitted for the approval of the Minister. Commencement of gas field development must not occur without written approval of this Plan. The proponent may undertake 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 MNES, and only if the proponent has notified the Department in writing before an activity is undertaken. The approved Remediation, Rehabilitation, Recovery and Monitoring Plan must be implemented.	
Original Dated 22nd Oct 2010	17. The proponent must establish a program to routinely review the Remediation, Rehabilitation, Recovery and Monitoring Plan by an independent qualified ecologist, or other experts, approved by the Department to take into account any new information available to the proponent, including any information and advice provided by Commonwealth or Queensland Government agencies, or available from other CSG proponents.	
Original Dated 22nd Oct 2010	18. The Minister may require through a request in writing the periodic review of the Remediation, Rehabilitation, Recovery and Monitoring Plan by the Department; or alternatively by independent qualified ecologist, or other experts, approved by the Department. Plans must be approved by the Department in writing.	No requests have been received from the Department to update the management plans during the AER period.
Original Dated 22nd Oct 2010	19. Independent review of plans will be at the financial expense of the proponent. Once independently reviewed, plans must be submitted for written approval by the Department. Approved plans must be implemented.	Independent reviews were not required during the AER period.
	<i>Approval and Review of Protocol</i>	
Original Dated 22nd Oct 2010	20. The Protocol must be submitted for the approval of the Minister. Commencement of gas field development must not occur without written approval of the Protocol. The proponent may undertake 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 MNES, and only if the proponent	The Protocol was first approved by the Department on 21 September 2011.

	<p>has notified the Department in writing before an activity is undertaken. The approved Protocol must be implemented.</p> <p><i>Note: The review required following completion of the Cumulative Impact Assessment Report required by the Queensland Government may be done after approval of the Protocol. The Department may seek review of the Protocol to align with Queensland Government requirements to support efficiency and avoid duplication.</i></p>	
Original Dated 22nd Oct 2010	21. The proponent's review of the Protocol must take into account all relevant studies, policies, standards, guidelines and advice relating to CSG activity published or provided to the proponent by the Commonwealth or Queensland governments, or published or provided by other proponents undertaking similar activities, or published or provided by other parties, including any findings of an audit against conditions, or plans or other documentation required under the conditions of this approval.	Revision E of the Constraints Planning Protocol is the existing approved version. No revision of this Plan was undertaken during the AER period.
Original Dated 22nd Oct 2010	22. The Protocol and related plans must be reviewed and updated by the proponent: to take into account the findings of the Cumulative Impact Assessment Report required by the Queensland Government; before each major stage of the proponent's gas field development; or following a written request from the Department; or following a written request from the Department. Reviewed and updated Protocols and plans must be submitted for the Minister's written approval. Once approved, updated Protocols and plans must be implemented.	During the reporting period, the protocol or related plans were not updated.
Original Dated 22nd Oct 2010	23. The Department may require through a request that the Protocol and related plans be revised or amended before approval. Any such request must be acted on within the time frame specified.	No requests have been made during the reporting period
Original Dated 22nd Oct 2010	24. The approved Protocol must be incorporated into the proponent's management procedures, operational plans and other relevant documentation and kept current for the life of the project.	The Protocol is referenced in the SSMP, RRRMP, Operational Plans and other management plans where relevant.
	<i>Disturbance limits</i>	
19th August 2015	25. The following maximum disturbance limits in Table 2 and Table 3 below apply to authorised unavoidable adverse impacts on MNES as a result of exploration, development, operation and decommissioning of the CSG fields within the Project area	Unavoidable adverse impacts on MNES as a result of petroleum activities in the CSG fields do not exceed the maximum disturbance limits presented in Table 2 and Table 3.

illustrated in Figure 1, and external to it, ('whole of project' disturbance limits) as a result of all associated gas field activities for the life of the project.

Table 2: Disturbance limits for listed threatened ecological communities

Ecological Community	EPBC Act Status	Project Phase 1 Disturbance Limit (ha)	Disturbance Limit (ha)
Brigalow (Acacia harpophylla dominant and co-dominant)	Endangered	19.6	74 ha
Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	Endangered	1.8	99 ha
Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin	Endangered	5.2	47 ha
The community of native species dependent on natural discharge of groundwater from the Great Artesian Basin	Endangered	0	0 (No disturbance authorised)

Table 3: Disturbance limits for listed species

Species	EPBC Act Status	Project Phase 1 Disturbance Limit (ha)	Maximum Disturbance Limits (ha of habitat type)

<i>Dasyurus hallucatus</i> (Northern Quoll)	Endangered	109.3	1470
<i>Chalinolobus dwyeri</i> (Large-eared Pied Bat, Large Pied Bat)	Vulnerable	116.4	701
<i>Turnix melanogaster</i> (Black-breasted Button-quail)	Vulnerable	3.2	109
<i>Erythrotriorchis radiatus</i> (red Goshawk)	Vulnerable	139.4	1010
<i>Rostratula australis</i> (Australian Painted Snipe)	Vulnerable	11.2	24
<i>Paradelma orientalis</i> (Brigalow Scaly-Foot)	Vulnerable	Not Applicable (Delisted)	Not Applicable (Delisted)
<i>Delma Torquata</i> (Collared Delma)	Vulnerable	153.93	2040
<i>Geophaps scripta scripta</i> (Squatter Pigeon (Southern))	Vulnerable	199.2	1550
<i>Denisonia maculata</i> (Ornamental Snake)	Vulnerable	44.0	98
<i>Egernia rugosa</i> (Yakka Skink)	Vulnerable	206.77	1447
<i>Furina dunmalli</i> (Dunmall's Snake)	Vulnerable	205.3	1898
<i>Nyctophilus timoriensis</i> (Eastern Long-eared Bat)	Vulnerable	275.4	1800

	Offsets	
	Plan to secure offsets	
19th August 2015	<p>26. Within 6 months of the commencement of the action the Proponent must prepare an Offset Plan to provide an offset area for Project Phase 1 disturbance limits as per Tables 2 and 3. The offset area must either satisfy the requirements of the EPBC Act Offsets Policy in respect of the Project Phase 1 Disturbance limits identified in Tables 2 and 3 in condition 25 or be a secure area of private land which includes at least:</p> <ul style="list-style-type: none"> a. 14.4 ha of Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions; b. 41.6 ha of Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin; c. 874.4 ha of potential <i>Dasyurus hallucatus</i> (Northern Quoll) habitat which includes micro habitat required for the species; d. 931.2 ha of <i>Chalinolobus dwyeri</i> (Large-eared Pied Bat, Large Pied Bat) habitat which includes micro habitat required for the species; e. 25.6 ha of <i>Turnix melanogaster</i> (Black-breasted Button-quail) habitat which includes micro habitat required for the species; f. 1115.2 ha of <i>Erythrorhynchus radiatus</i> (Red Goshawk) habitat which includes micro habitat required for the species; g. 89.6 ha of <i>Rostratula australis</i> (Australian Painted Snipe) habitat which includes micro habitat required for the species; h. (deleted); i. 153.93 ha of <i>Delma torquata</i> (Collared Delma) habitat which includes micro habitat required for the species; j. 1593.6 ha of <i>Geophaps scripta scripta</i> (Squatter Pigeon (Southern)) habitat which includes micro habitat required for the species; k. 44 ha of <i>Denisonia maculata</i> (Ornamental Snake) habitat which includes micro habitat required for the species; l. 206.77 ha of <i>Egernia rugosa</i> (Yakka Skink) habitat which includes micro habitat required for the species; 	<p>Santos has developed the CSG Fields Environmental Offsets Plan. The plan was submitted to the Department on 22 April 2011. The Department provided comments on the CSG Fields Offset Plan on 11 April 2012. Since 2012, a number of offset proposals have been considered and relevant correspondence has been shared with the department.</p> <p>On 19 February 2021 Santos lodged a revised Santos GLNG Offset Plan and Acquittal Summary. On 23 March 2021 the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021 in accordance with Conditions 28, 33 and 40 of the EPBC Act approval for this action. This plan was the Project Phase 1.</p> <p>On 30 August 2021 Santos lodged the offset plan for Phase 2 of the project. On 24 December 2021 the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary (2008/4059 Phase 2 Update), Revision 1, dated 25 September 2021.</p>

	<p>m. 205.3 ha of <i>Furina dunmalli</i> (Dunmall's Snake) habitat which includes micro habitat required for the species;</p> <p>n. 2203.2 ha of <i>Nyctophilus timoriensis</i> (Eastern Long-eared Bat) habitat which includes micro habitat required for the species;</p> <p>o. 196 ha of Brigalow with representation of the following;</p> <ol style="list-style-type: none"> 30% remnant Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant); and 70% which is a combination of: <ol style="list-style-type: none"> high value regrowth Brigalow; and other Brigalow regrowth with potential for management to remnant Brigalow status. <p><i>Note: Offsetting requirements for some species' habitat may be accommodated within the Brigalow components if this habitat is verified as present and includes specific habitat requirements for each relevant species.</i></p>	
	27. Condition Removed	
Original Dated 22nd Oct 2010	28. The Offset Plan must be updated for each Project Phase and submitted for the approval of the Minister within 6 months of the commencement of the related project phase. The most recent offset plan Offset Plan must be implemented.	<p>On 19 February 2021 Santos lodged a revised Santos GLNG Offset Plan and Acquittal Summary. On 23 March 2021 the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021 in accordance with Conditions 28, 33 and 40 of the EPBC Act approval for this action. This plan was the Project Phase 1.</p> <p>On 30 August 2021 Santos lodged the offset plan for Phase 2 of the project. On 24 December the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary (2008/4059 Phase 2 Update), Revision 1, dated 25 September 2021.</p>
	29. Condition Removed	
	30. Condition Removed	
Original Dated 22nd Oct 2010	31. The Proponent must deliver environmental offsets that satisfy the requirements of the EPBC Act Offsets Policy for residual significant impacts to MNES for each Project Phase subsequent to Project Phase 1. The Proponent must secure the offset for each Project Phase within 2 years of commencement of that Project Phase.	<p>On 19 March 2014, Santos advised the Department that the proposed offset area required to meet Condition 26 had been secured.</p> <p>On 30 August 2021 Santos lodged the offset plan for Phase 2 of the project. On 24 December the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal</p>

		Summary (2008/4059 Phase 2 Update), Revision 1, dated 25 September 2021. The Phase 2 Plan was written to satisfy the requirements of the EPBC Act Offsets Policy. The proposed offset areas required to meet Condition 26 have been secured.
	<i>Offset Area Management</i>	
Original Dated 22nd Oct 2010	<p>32. Prior to commencement of each Project Phase, the Proponent must develop an Offset Area Management Plan which must specify measures to improve the environmental values of the offset area in relation to MNES, including;</p> <ul style="list-style-type: none"> a. the documentation and mapping of current environmental values relevant to MNES of the area including details of the offset attributes (including maps in electronic Geographic Information System (GIS) format with accompanying raster and shapefiles of each offset area boundary); b. measures to address threats to MNES including but not limited to grazing pressure and damage by livestock and adverse impacts from feral animals and weeds; c. measures to provide fire prevention and management regimes appropriate for the MNES; d. management of revegetation areas to the stage where habitat is established or improved for listed species and revegetation areas meet the criteria for 'remnant status' for that threatened ecological community; e. measures to ensure as an objective, that as revegetation areas meet the criteria applicable at the time for 'remnant status' application is made to have the revegetation areas reclassified as 'remnant vegetation' in accordance with the relevant Queensland legislation; f. monitoring, including the undertaking of ecological surveys, to assess the success of the management measures against identified milestones and objectives; g. performance measures and reporting requirements against identified objectives, including trigger levels for corrective actions and the actions to be taken to ensure performance measures and objectives are met. h. for offsets being provided under the EPBC Act Offsets Policy, a completed offsets assessment guide for the proposed offset 	<p>On 19 March 2014, Santos advised the offset area had been secured and that an Offset Area Management Plan (OAMP) was being developed.</p> <p>On 19 February 2021 Santos lodged a revised Santos GLNG Offset Plan and Acquittal Summary (Phase 1 Plan). On 23 March 2021, the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021. The approved plan addresses the requirements of Condition 32 a) – g) for the offset site.</p> <p>On 30 August 2021 Santos lodged the offset plan for Phase 2 of the project. On 24 December the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary (2008/4059 Phase 2 Update), Revision 1, dated 25 September 2021.</p>

	site and explanation as to how all figures used to complete the offsets assessment guide were derived.	
Original Dated 22nd Oct 2010	33. Within 12 months of securing the offset area for a Project Phase, the Offset Area Management Plan revised for that Project Phase must be submitted for the approval of the Minister. The approved Offset Area Management Plan must be implemented.	On 23 March 2021, the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021 (Phase 1 Plan). On 24 December the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary (2008/4059 Phase 2 Update), Revision 1, dated 25 September 2021. These plans are currently being implemented.
	<i>Rehabilitation Area Offset</i>	
Original Dated 22nd Oct 2010	<p>34. Within 2 years of the commencement of gas field development the proponent must secure a Rehabilitation Area Offset of at least 1550 hectares of privately held property to compensate for indirect adverse impacts on MNES. The proponent must:</p> <ul style="list-style-type: none"> a. obtain ownership or a legally binding agreement from a landowner over an area of property to re-establish areas in perpetuity of the threatened Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community, Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions, Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin and associated listed migratory and listed threatened species' habitat; and b. notify the Department in writing within 30 business days of securing the Rehabilitation Area Offset. <p>Note: The Rehabilitation Area Offset is an additional area to the Offset area required under condition 26.</p>	<p>On 19 March 2014, Santos advised that the rehabilitation offset area required under Condition 34 had been secured. On 29 May 2015, the Department was provided with land title documents showing GLNG as the registered owner of the properties subject to the Offset Plan including the areas used for the Rehabilitation Area Offset.</p> <p>On 19 February 2021 Santos lodged a revised the Santos GLNG Offset Plan and Acquittal Summary (Phase 1 Plan). This plan included a Rehabilitation Area Offset of at least 1550 hectares. On 23 March 2021, the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021.</p>
As varied on the date this instrument was signed (8 th Feb 2023)	<p>35. The Rehabilitation Area Offset must:</p> <ul style="list-style-type: none"> a. be within historical distributions of the ecological communities (before clearing occurred) and as close as possible to the project area; b. include intact elements of remnant and/or high value regrowth of the ecological communities; and c. include or have potential for providing habitat and micro habitat requirements for listed migratory and threatened species in condition 25, Table 3, that relate to the ecological communities). 	The Rehabilitation Area Offset discussed in the Offset Plan (refer to Condition 34) is within the historical distributions of the ecological communities impacted by the GLNG Project and contains intact elements of remnant and /or high value regrowth of the ecological communities, and includes habitat for the EPBC Act listed species listed under Condition 25 of the EPC Approval.

Original Dated 22nd Oct 2010	36. If, within 2 years of the commencement of gas field development the Rehabilitation Area Offset has not been secured, then the proponent must within 30 business days, notify the Minister and provide for the Minister's approval an alternative offset measure. The alternative must provide at least an equivalent environmental outcome to those specified in relation to the Rehabilitation Area Offset. The approved alternative must be secured and implemented in accordance with conditions 34 and 35.	Not applicable during the AER period. However, the Department was provided with land title Documents showing GLNG as the Registered Owner of the properties subject to the rehabilitation offset.
	<i>Rehabilitation Area Plan</i>	
Original Dated 22nd Oct 2010	37. Within 2 years of commencement of gas field development, the proponent must prepare a Rehabilitation Area Plan for the offset required under condition 34.	On 19 February 2021 Santos lodged a revised the Santos GLNG Offset Plan and Acquittal Summary (Phase 1 Plan). This plan included a Rehabilitation Area Offset. On 23 March 2021, the Department wrote to Santos approving the Santos GLNG Offset Plan and Acquittal Summary, Revision 2, dated 18 February 2021. The Offset Plan provides the rehabilitation offset area required.
Original Dated 22nd Oct 2010	38. The Rehabilitation Area Plan must provide for commitments and actions to lead to the increase in the spatial extent and improvement in the condition of existing remnants, and for the establishment of new self sustaining functional 'remnant vegetation' communities, consistent with that which existed prior to clearing and with the capacity to provide habitat for the species identified in condition 25, as unavoidably impacted by the action.	Commitments and actions that lead to the increase in the spatial extent and improvement in the condition of existing remnants, and for the establishment of new self-sustaining functional 'remnant vegetation' communities are provided in the property scale offset area management plans.
Original Dated 22nd Oct 2010	39. The Rehabilitation Area Plan must include: <ul style="list-style-type: none"> a. details of the area to be rehabilitated including location and maps; b. documentation including mapping of current environmental values relevant to MNES of the area; c. where revegetation through planting seedlings and/or seeds is intended details of appropriate species and ratios of species relevant to historically occurring listed migratory and threatened species' habitat and the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community; Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions; Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin; 	The Phase 1 Offset Plan includes all the relevant items required for the Rehabilitation Area Offset mentioned in Condition 39. As discussed above this plan was approved on 18 February 2021.

	<ul style="list-style-type: none"> d. the source and provenance of the seed and/or seedlings which will be used; e. measures to address threats to MNES including but not limited to grazing pressure and damage by livestock and adverse impacts from feral animals and weeds; f. measures to provide fire management regimes appropriate for the MNES; g. measures to manage the Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin in accordance with the recommendations of the approved conservation advice for the ecological community; h. monitoring measures including ecological surveys to measure the establishment and ongoing success of the revegetation based on a comparison with high quality habitat for listed migratory and listed threatened species, and ecological community reference sites; and i. performance measures and reporting requirements against identified objectives, including trigger levels for corrective actions and the actions to be taken to ensure performance measures and objectives are met. 	
Original Dated 22nd Oct 2010	40. Within 2 years of the commencement of gas field development the Rehabilitation Area Plan must be submitted for the approval of the Minister. The approved Rehabilitation Area Plan must be implemented.	The Phase 1 Offset Plan was submitted for the approval of the Minister. This plan and associated appendices are provided to satisfy all of the CSG Field (EPBC Approval 4059) offset requirements including the requirements of a Rehabilitation Area Plan. As discussed above this plan was approved on 18 February 2021.
Original Dated 22nd Oct 2010	<p>41. To ensure the long-term protection of the Rehabilitation Area the proponent must:</p> <ul style="list-style-type: none"> a. manage Brigalow and Semi-evergreen Vine Thickets of the Brigalow Belt (North and South) and Nandewar Bioregions components of the Rehabilitation Area to a stage where they meet the respective criteria for 'remnant status' for the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community and 'remnant status' for the Semi-evergreen Vine Thickets of the Brigalow Belt (North and South) and Nandewar Bioregions; b. When areas of revegetation meet criteria applicable at the time for 'remnant vegetation' ensure application is made to have the revegetation areas remapped and reclassified as 'remnant 	The Phase 1 Offset Plan and associated appendices are provided to satisfy all of the CSG Field (EPBC Approval 4059) offset requirements including the requirements of a Rehabilitation Area Plan. As discussed above this plan was approved on 18 February 2021.

	<p>vegetation' in accordance with the relevant Queensland legislation. The management measures must continue to be implemented in areas not meeting the criteria for 'remnant status' until this has been achieved (or until approval to cease the management regime is provided by the Minister in writing);</p> <ul style="list-style-type: none"> c. manage the Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin as required by condition 39 for the life of the project; d. define corrective actions which will be undertaken if performance measures and reporting indicate that successful rehabilitation has not been achieved; e. identify persons responsible and arrangements for implementing the Rehabilitation Area Plan and for reporting on performance; and f. notify the Department in writing of the reclassification of those areas of Brigalow within the Rehabilitation Area as 'remnant vegetation' within 30 business days of the reclassification occurring. 	
Original Dated 22nd Oct 2010	<p>42. If the proponent proposes any action within a proposed offset area, other than actions related to managing that area as an offset property, approval must be obtained, in writing from the Department. In seeking Departmental approval the proponent must provide a detailed assessment of the proposed action including a map identifying where the action is proposed to take place and an assessment of all associated adverse impacts on MNES. If the Department agrees to the action within the proposed offset site, the area identified for the action must be excised from the proposed offset and alternative offsets secured of equal or greater environmental value in relation to the impacted MNES.</p>	<p>During the reporting period, there were no actions proposed within any Rehabilitation Area Offset subject to the Offset Plan.</p>
	<i>CSG Water Management</i>	
Original Dated 22nd Oct 2010	<p>43. The proponent must:</p> <ul style="list-style-type: none"> a. take all reasonable measures to ensure that CSG water, including extracted groundwater, treated or amended CSG water, and any associated waste water, brine crystals and/or solids generated as a result of treating or amending water have no significant impact on any MNES during or beyond the life of the project; and b. if any such impacts arise apply measures identified in the Coal Seam Gas Water Monitoring and Management Plan, or other 	<p>All reasonable measures in accordance with the Stage 1 and Stage 2 CSG Water Monitoring and Management Plans (CWMMP) (approved in November 2013) were undertaken during the AER period.</p> <p>No impacts to MNES occurred as a result of CSG Water during the AER period.</p>

	requirements under these conditions, to mitigate or make good such impacts to the satisfaction of the Minister.																								
	<i>JIF Conditions</i>																								
As varied on the date this instrument was signed (8 th Feb 2023)	<p>43A. For the protection of EPBC-listed springs within the Surat CMA, the approval holder must ensure that groundwater impacts due to the 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.</p> <p>a. To ensure the outcomes in Condition 43A are achieved and maintained, the approval holder must manage impacts on EPBC-listed springs in accordance with the relevant risk management framework/s.</p> <p>b. 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.</p> <p>c. 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 provide for the written approval of the Minister:</p> <ol style="list-style-type: none"> description and location of impact/s and Associated users; Performance criteria; trigger values; limits; and the contributing well/s, including identification number, GPS coordinates and shapefiles. <p>Or 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.</p> <p>d. If the statement provided under Condition 43Ac 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</p>	<p>Santos is managing potential for impact to EPBC-listed springs within the Surat CMA in accordance with the relevant risk assessment framework and is an ongoing matter under EPBC Approval 2012/6615. The GFD project area administered under EPBC Approval 2012/6615 overlaps with some projects areas of the EPBC Approval 2008/4059 for the GLNG project. There is a complete overlap for operational areas in Fairview, which have the potential to affect aquatic GDEs protected under Approval 2012/6615. Aquatic GDEs are inclusive of all EPBC-listed springs, however not all aquatic GDEs are EPBC-listed springs.</p> <p>On 4 June 2021, and in accordance with Condition 21A of EPBC Approval 2012/6615, Santos notified the Department of the potential for the following high risk or very high-risk impacts to aquatic GDE's (spring groups) in the GFD Project Area, as identified in the 2019 Underground Water Impact Report (UWIR) for the Surat Cumulative Management Area (CMA). The relevant spring groups are listed below.</p> <table border="1"> <thead> <tr> <th>Spring Group</th><th>Complex / Watercourse</th><th>Unmitigated Risk</th></tr> </thead> <tbody> <tr> <td rowspan="3">Springrock</td><td>Springrock Creek (561)</td><td>Very high</td></tr> <tr> <td>Hutton Creek (W216)</td><td>Very high</td></tr> <tr> <td>Hutton Creek (W217)</td><td>Very high</td></tr> <tr> <td>Lonely Eddie</td><td>Lonely Eddie (339)</td><td>High</td></tr> <tr> <td rowspan="3">311</td><td>Dawson River (W40)</td><td>High</td></tr> <tr> <td>Hutton Creek (W81)</td><td>Very high</td></tr> <tr> <td>311 (311), Yebna 2 (591) *</td><td>Very high</td></tr> <tr> <td>Lucky Last</td><td>Lucky Last (230) *</td><td>Very high</td></tr> </tbody> </table>	Spring Group	Complex / Watercourse	Unmitigated Risk	Springrock	Springrock Creek (561)	Very high	Hutton Creek (W216)	Very high	Hutton Creek (W217)	Very high	Lonely Eddie	Lonely Eddie (339)	High	311	Dawson River (W40)	High	Hutton Creek (W81)	Very high	311 (311), Yebna 2 (591) *	Very high	Lucky Last	Lucky Last (230) *	Very high
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	<p>well/s for the written approval of the Minister within a timeframe specified by the Minister in writing.</p> <p>e. A description and location of impact/s and Associated users, Performance criteria, trigger values, limits and contributing well/s, or statement provided under Condition 43Ac, 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> <p><i>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.</i></p> <p>f. If the information specified in Conditions 43Aci to 43Acv 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.</p> <p><i>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 43Aci to 43Acv will ensure the outcome/s specified under Condition 43Ac will be, or is likely to be, achieved.</i></p> <p><i>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 43Ac and Condition 43Ae, and any other relevant information available to the Minister at the time of the decision.</i></p>	<p>* EPBC-listed springs</p> <p>Of these springs, only Lucky Last and Yebna 2 are EPBC-listed springs.</p> <p>On 4 June 2021, it was requested that an extension of time of six months be granted by the Minister for Santos to satisfy the information requirements of EPBC Approval 2012/6615 Condition 21B and 21C as Santos was advised the new draft UWIR for the Surat CMA will revise the level risk of impact to some or all of the above identified springs.</p> <p>The delegate's letter in response to Santos' request for an extension of time to provide information to satisfy the information requirements of Condition 21B and 21C under EPBC 2012/6615 was received on 3 September 2021.</p> <p>A statement as to why the provision of performance criteria, trigger values, limits and contributing well/s was not necessary was provided to the Department for the written agreement of the Minister, in accordance with Condition 21C of EPBC 2012/6615, on 16 May 2023.</p> <p>Santos received a request for more information from the Department. Santos is required to provide this information on 1 December 2023.</p>
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- g. 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 43Ac are approved by the Minister in writing.
- h. 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:
 - i. following the date of approval of the description and location of impact/s and Associated users, Performance criteria, trigger values and limits; or
 - ii. following the date the Minister notified the approval holder in writing that interim Performance criteria, trigger values and limits had been set; or
 - iii. 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.

- i. 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 43A.

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 Page 17 of 44 approval requirements, and account for potential cumulative impacts as new scientific information becomes available over the life of this approval.

- j. If the Minister believes on the basis of the Outcomes Assurance Statement, any information provided under Condition 43Ak and any other relevant information that the outcomes in Condition 43Ac are not likely to be achieved, the Minister may notify the approval holder in writing specifying the areas requiring improvement or additional information. 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.

Note: If there is an exceedance of a limit, Condition 13 requires this to be reported to the Minister and Condition 14 requires the approval holder to cease groundwater extraction within 10 business days of that notification.

- k. 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 well/s, to the Department within 10 business days of the detection.
- l. 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.
- m. Unless otherwise notified by the Minister in writing, the approval holder must cease groundwater extraction associated with the contributing well/s identified in Condition 43Al 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 43A 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.

	<p>n. If the approval holder has been required to cease groundwater extraction pursuant to Condition 43A(m), 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:</p> <ul style="list-style-type: none"> i. the impact has been reversed; or ii. the Minister has agreed, in writing, that the outcome/s specified in Condition 43A has been achieved; and iii. written approval to recommence groundwater extraction has been given by the Minister. <p><i>Note: Approval to recommence groundwater extraction may be subject to conditions that the Minister considers reasonable.</i></p>	
	<i>Coal Seam Gas Water Monitoring and Management Plan</i>	
	<i>Hydraulic connection</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	44. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	45. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	46. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

	<i>Default drawdown</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	47. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	48. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Stage 1 CSG Water Monitoring and Management Plan</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	49. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Hydraulic Fracturing</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	<p>49A. Within 6 months from the date of approval for this variation, the approval holder must submit for the approval of the Minister a Revised Coal Seam Gas Water Monitoring and Management Plan for the project, which supersedes any other Coal Seam Gas Water Monitoring and Management Plan and which includes at least:</p> <ul style="list-style-type: none"> a. the estimated number and the spatial distribution of boreholes where hydraulic fracturing may be necessary, an annual review of the estimate, and recording of actual use; b. details of constituent components of any hydraulic fracturing agents and any other reinjected fluid(s), and their toxicity as individual substances and as total effluent toxicity and ecotoxicity, based on methods outlined in the National Water Quality Management Strategy; 	In accordance with this condition, the Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Department on 7 th August 2023 (within 6 months from the date of approval of this variation).

	Surface water monitoring and management	
As varied on the date this instrument was signed (8th Feb 2023)	<p>49A.</p> <ul style="list-style-type: none"> c. an ongoing water quality and quantity surface water monitoring plan that includes at least: <ul style="list-style-type: none"> i. identification of the surface and aquatic systems to be monitored and their environmental values, water quality, and environmental characteristics, and the rationale for selection; ii. the number and locations of monitoring sites upstream and downstream of proposed discharge of CSG water (whether treated water, amended water or raw water), including test and reference sites upstream and downstream and before and after any proposed impacts; iii. the frequency of the monitoring and rationale for the frequency; iv. baseline data for each monitoring site for comparison of monitoring results over the life of the project; v. the approach to be taken to analyse the results including the methods to determine trends to indicate potential impacts; vi. threshold values that protect relevant MNES (such as reporting or control line values for additional investigation, more intensive management action, make good, and cease operations) at which management actions will be initiated to respond to escalating levels of risk and designed to protect water quality and the associated environmental values of surface and aquatic systems; vii. water treatment and amendment methods and standards; viii. water storage locations and volumes including any storage and volumes required to pilot or implement reinjection or other groundwater repressurisation techniques; ix. water use or disposal options and methods (whether for beneficial use or not) including frequency, volumes, quality and environmental values documented for each receiving environment; x. brine storage locations and volumes, and brine crystal waste management; xi. emergency water discharges, their volumes and quality; 	In accordance with this condition, the Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Department on 7 th August 2023 (within 6 months from the date of approval of this variation).

	xii. references to standards and relevant policies and guidelines;	
	<i>Response actions</i>	
As varied on the date this instrument was signed (8th Feb 2023)	<p>49A.</p> <ul style="list-style-type: none"> d. mechanisms to avoid, minimise and manage risk of adverse impacts and response actions and timeframes that can be taken by the approval holder if: <ul style="list-style-type: none"> i. threshold values for surface water quality and water environmental values specified in the CSG WMMP are exceeded; ii. there are any unforeseen emergency discharges; and 	In accordance with this condition, the Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Department on 7 th August 2023 (within 6 months from the date of approval of this variation).
	<i>Reporting</i>	
As varied on the date this instrument was signed (8th Feb 2023)	<p>49A.</p> <ul style="list-style-type: none"> e. performance measures, annual reporting to the Department, and publication of reports on the internet. 	In accordance with this condition, the Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Department on 7 th August 2023 (within 6 months from the date of approval of this variation).
As varied on the date this instrument was signed (8 th Feb 2023)	50. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	50A. The approval holder must implement the Stage 2 CSG WMMP until the Revised CSG WMMP required by condition 49A is approved by the Minister. The approval holder must implement the Revised CSG WMMP that has been approved in writing by the Minister.	The Stage 2 CSG WMMP (approved by the Minister in November 2013) continued to be implemented within the AER period.
As varied on the date this instrument was signed	51. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

(8 th Feb 2023)		
	<i>Stage 2 CSG Water Monitoring and Management Plan</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	52. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	53. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Implementation of Stage 1 and Stage 2 CSG WMMP</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	54. Revoked.	This condition was inserted on 31 October 2013 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023).	55. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
Original Dated 22nd Oct 2010	56. The proponent may only have, own, hold, take, or otherwise utilise sufficient CSG water as is required to undertake the approved activities within the approved project area.	This condition is being implemented.

As varied on the date this instrument was signed (8 th Feb 2023).	57. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
<i>Revisions of Stage 1 and Stage 2 CSG WMMP</i>		
As varied on the date this instrument was signed (8 th Feb 2023)	58. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	59. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	59A. If the approval holder proposes to vary an approved management plan, and the taking of the action in accordance with the revised plan would have a new and increased impact on a Protected matter, the approval holder must submit the revised plan to the Minister for approval.	The Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Minister on 7 th August 2023 as required by condition 49A. The resubmission of the management plan was not associated with new or increased potential impacts on MNES.
As varied on the date this instrument was signed (8 th Feb 2023)	60. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this	60A. The Minister may, through a request in writing, require that any CSG WMMP be revised or amended, which may include	The Minister did not request that the CSG WMMP be revised or amended during the AER period.

instrument was signed (8 th Feb 2023)	<p>requirements for amendments to address expert advice. Any such request must be acted on within the timeframe specified.</p> <p><i>Note: The Minister may throughout the project life seek advice from experts, or an expert panel. As a consequence specific matters identified through such advice may need to be addressed in the Plan. Where such advice is sought the approval holder would be provided with opportunity to submit information and respond to the specific matters identified, in order to ensure the Plan is based on the best available information. Review requirements will facilitate adaptive management, alignment with Queensland Government approval requirements, and account for potential cumulative impacts as new scientific information becomes available over the life of the project.</i></p>	
	<i>Regional groundwater model</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	61. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	62. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	63. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	64. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

	<i>Groundwater assessment, mitigation and monitoring</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	65. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	66. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	67. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Springs assessment, mitigation and monitoring</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	68. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	69. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument	70. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

was signed (8 th Feb 2023)		
As varied on the date this instrument was signed (8 th Feb 2023)	71. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Discharge, disposal or use of CSG salts, brine concentrates and heavy metals / metalloids</i>	
Original Dated 22nd Oct 2010	<p>72. Concentrated CSG salts and other brine concentrates derived from CSG water may only be disposed by either:</p> <ul style="list-style-type: none"> a. injection into deeper, underlying confined aquifers of equivalent water chemistry; or, failing that, b. in secure contaminated waste disposal facilities that are licensed, operated, and monitored in accordance with the requirements of the Queensland Government. <p><i>Note: This condition does not preclude the harvesting of salts and heavy metals for commercial purposes.</i></p> <p><i>Note: Salt disposal within the Murray-Darling Basin must be in accordance with the requirements for salinity management and accountability set out in the Water Act 2007 and the Basin Salinity Management Strategy.</i></p>	There was no disposal of concentrated CSG salts or other brine concentrates during the AER period.
	<i>Notification of threshold breaches and response actions</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	73. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed	74. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

(8 th Feb 2023)		
As varied on the date this instrument was signed (8 th Feb 2023)	74A. Within 10 business days of a surface threshold value (for example, water quality, environmental value, volume, or flow) being exceeded, the approval holder must advise the Minister in writing of the circumstances, the threshold exceeded, the immediate action taken by the approval holder, and proposed action to remedy the breach and avoid a subsequent breach.	No surface water threshold value has been exceeded during the AER period.
Original Dated 22nd Oct 2010	75. Immediate action may include the ceasing of water / gas extraction and / or water discharge or use in the area affected until investigations can be completed to determine the cause and remedial action. The proponent's proposed response action must be notified to the Minister in writing.	No surface water threshold value has been exceeded during the AER period.
Original Dated 22nd Oct 2010	76. The Minister may direct in writing that the proponent cease water / gas extraction and/or water discharge or use in the area affected, and if the Minister is not satisfied that the action proposed or taken by the proponent will remedy the situation, or make good any environmental loss, the Minister may direct the proponent to implement alternative action at the expense of the proponent. <i>Note: The proponent will be provided with a reasonable opportunity to comment on any such direction before it is required to be implemented.</i>	No direction was received by Santos from the Department during the reporting period.
	<i>Notifications and requirements about construction, operation, brine management and environmental management plans</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	77. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
As varied on the date this instrument was signed (8 th Feb 2023)	77A. The approval holder must notify the Department in writing when developing or reviewing construction, operational, CSG water, brine management, salinity management, environmental management, or other plans where the scope of the plans relates to potential direct, indirect or cumulative adverse impacts on MNES, or involves management of MNES. The approval holder must in the notification	The Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Minister on 7 th August 2023 as required by condition 49A. The resubmission of the management plan was not associated with new or increased potential impacts on MNES.

	indicate the relevant components of such plans relating to MNES and their management, and the timeframe for development and approval of the plans under Queensland Government requirements.	
As varied on the date this instrument was signed (8 th Feb 2023)	<p>78. Where the scope of the plans noted in condition 77A relates to potential adverse impact on MNES, or involves management of MNES, the plans must be submitted to the Minister for approval of those components. Approved components of plans must be implemented.</p> <p><i>Note: Where efficiency will be enhanced the approval holder may also prepare and align management plans required under these conditions with the requirements of the Queensland Government as long as the relevant matters under the conditions of this approval are clearly and adequately addressed.</i></p>	The Revised Coal Seam Gas Water Monitoring and Management Plan was submitted to the Minister on 7 th August 2023 as required by condition 49A. The resubmission of the management plan was not associated with new or increased potential impacts on MNES.
	<i>Cumulative Impact Report</i>	
Original Dated 22nd Oct 2010	79. On the same date that an assessment of cumulative impacts is provided in accordance with requirements imposed by the Queensland Government, or such other timeframe specified in writing by the Minister, the proponent must provide a copy of that report to the Minister.	<p>The Cumulative Impacts Assessment (dated 29 July 2010) was submitted to the Department on 20 January 2011.</p> <p>The condition has been met.</p>
Original Dated 22nd Oct 2010	<p>80. In addition to meeting any requirements imposed by the Queensland Government, the report on cumulative impacts provided to the Minister must also address the following, in relation to potential adverse impacts on MNES:</p> <ol style="list-style-type: none"> cumulative impacts relating to all listed species and listed ecological communities within and outside project area, including The community of native species dependant on natural discharge of groundwater from the Great Artesian Basin; any surface water and groundwater environmental values, including groundwater pressures and groundwater hydrochemistry which, if altered, may have an impact on listed species and ecological communities within and outside project area; <p><i>Note: These requirements may also be included together with the detailed assessment of cumulative impacts required under condition 2,</i></p>	

	<i>Part 2, Appendix 2, of the Coordinator-General's reported dated 28 May 2010.</i>	
Original Dated 22nd Oct 2010	<p>81. Within 3 years of the date that the cumulative impact report is provided to the Minister, or such other timeframe specified in writing by the Minister, the proponent must review that cumulative assessment and the report in the light of the most up-to-date information and the regional transient groundwater model required under condition 61 (a). The proponent must provide a report on the review to the Minister and at the same time publish the report on its website.</p> <p><i>Note: The assessment scope of the cumulative impact report is not limited to groundwater or surface water impacts. These conditions provide that, if the Minister believes that it is necessary or desirable for the better protection of a relevant controlling provision for the action, the Minister may request the proponent to make, within a period specified by the Minister, revisions to a plan approved under these conditions. The Minister may make such a request in the light of the cumulative impacts assessment, or the review of the cumulative impacts assessment. Section 136(1)(b) of the EPBC Act additionally provides that the Minister may revoke, vary or add to a condition of this approval if the action has a significant impact that was not identified in assessing the action, and if the Minister relevantly believes it is necessary.</i></p>	A Cumulative Impact Assessment Report was prepared as part of the Gas Field Development Project EIS which included the GLNG Project (EPBC Approval 2008/4059).
	<i>Decommissioning Plan</i>	
Original Dated 22nd Oct 2010	<p>82. Within five years of the commencement of gas field development, the proponent must develop a Decommissioning Plan. The Plan must:</p> <ol style="list-style-type: none"> require the progressive removal or reuse of infrastructure where gas field operations cease during the project life; establish management practices and safeguards to minimise environmental disturbance; ensure MNES are not impacted by progressive decommissioning, or final decommissioning of gas field infrastructure; define rehabilitation actions for the infrastructure sites following decommissioning including for: optimising habitat and habitat connectivity for MNES; enhancing pre-construction environmental quality; and 	This plan was submitted to the Department on 1 November 2017. No action required this reporting period.

	g. ongoing management during rehabilitation.	
Original Dated 22nd Oct 2010	83. The Decommissioning Plan must be submitted for the approval of the Minister. The approved Plan must be implemented.	
	<i>Survey data</i>	
Original Dated 22nd Oct 2010	84. All survey data collected for the project must be collected and recorded so as to conform to data standards notified from time to time by the Department. When requested by the Department, the proponent must provide to the Department all species and ecological survey data and related survey information from ecological surveys undertaken for MNES. This survey data must be provided within 30 business days of request, or in a timeframe agreed to by the Department in writing.	This requirement is included in the Protocol. No requests have been made by the Department for the survey data in the reporting period.
	<i>Publication of Protocol and Plans</i>	
Original Dated 22nd Oct 2010	85. The Protocol and all plans approved by the Minister under these conditions must be published on the proponent's website within 30 business days of approval by the Minister.	No revisions to plans or the Protocol have occurred during the reporting period.
As varied on the date this instrument was signed (8 th Feb 2023)	86. The Department may request the approval holder to publish on the website a plan in a specified location or format, and with specified accompanying text. The proponent must comply with any such request.	No such requests have been made during the reporting period.
	<i>Notification of commencement</i>	
Original Dated 22nd Oct 2010	87. Within 20 business days of the commencement of the action, the proponent must advise the Department in writing of the actual date of commencement.	This condition has been met.
Original Dated 22nd Oct 2010	88. The proponent must notify the Department in writing of the proposed dates for each subsequent major stage of gas field development at least 40 business days before their	No action required until next subsequent major stage of development

	commencement, and within 20 business days notify actual commencement dates, and within 20 business days of any major variations to gas field development notify the variations.	
	<i>Request for variation of plans by proponent</i>	
Original Dated 22nd Oct 2010	89. If the proponent wants to act other than in accordance with a plan approved by the Minister under these conditions, the proponent must submit a revised plan for the Minister's approval.	Any revision to plans has been submitted for approval as required.
Original Dated 22nd Oct 2010	90. If the Minister approves the revised plan, then that plan must be implemented instead of the plan originally approved.	
Original Dated 22nd Oct 2010	91. Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	
	<i>Revisions to plans by the Minister</i>	
Original Dated 22nd Oct 2010	92. If the Minister believes that it is necessary or desirable for the better protection of a relevant controlling provision for the action, the Minister may request the proponent to make, within a period specified by the Minister, revisions to a plan approved under these conditions. Without limiting this condition, the Minister may also make such a request following a study under s.255AA of the Water Act 2007.	No requests have been made by the Department during the reporting period.
Original Dated 22nd Oct 2010	93. If the Minister makes a request for revision to a plan, the proponent must: <ul style="list-style-type: none"> a. comply with that request; and b. submit the revised plan to the Minister for approval within the period specified in the request. 	
As varied on the date this instrument was signed (8 th Feb 2023)	94. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.

As varied on the date this instrument was signed (8 th Feb 2023)	95. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Minimum timeframes for consideration of plans</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	96. Revoked	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.
	<i>Compliance with State environmental and other authorities</i>	
Original Dated 22nd Oct 2010	97. The proponent must comply with all environmental authorisations issued by the State, including conditions of an environmental authority issued under the EP Act.	Condition 97 relates to legislation administered and enforced by the Queensland Government's Department of Environment and Science. Condition 106 relating to notifications, has been amended to negate the need to notify non-compliances related to condition 97 (i.e. non-MNES related matters).
	<i>Provision of State plans</i>	
Original Dated 22nd Oct 2010	98. If a condition of a State approval requires the proponent to provide a plan, then the proponent must: <ul style="list-style-type: none"> a. provide the plan to the Department or Minister on request, within the period specified in the request; and b. prepare and combine plans that meet both Queensland Government requirements and the Commonwealth requirements under this approval where this is efficient. In doing so the proponent must clearly identify the respective responsibilities and how these are being addressed in relation to these conditions. 	Plans have been submitted to the Department as requested. Where able, plans have been prepared to meet both State and Commonwealth requirements (e.g. the Protocol). All plans submitted contain a compliance matrix table that outlines how relevant conditions have been met
	<i>Timeframes</i>	
Original Dated 22nd Oct 2010	99. If these conditions require the proponent to provide something by a specified time, a longer period may be specified in writing by the Minister.	No action required by Santos.

	<i>Auditing</i>	
Original Dated 22nd Oct 2010	100. On the request of and within a period specified by the Department, the proponent must ensure that: <ul style="list-style-type: none"> a. an independent audit of compliance with these conditions is conducted; and b. an audit report, which addresses the audit criteria to the satisfaction of the Department, is published on the Internet and submitted to the Department. 	No request has been made during the AER period.
Original Dated 22nd Oct 2010	101. Before the audit begins, the following must be approved by the Department: <ul style="list-style-type: none"> a. the independent auditor; and b. the audit criteria. 	
As varied on the date this instrument was signed (8 th Feb 2023)	102. The audit report must include: <ul style="list-style-type: none"> a. details of the approval to which the audit relates; b. scope of the audit (the approval conditions that were audited); c. a compliance/non-compliance table; d. evidence reviewed to assess compliance (e.g. review of water quality monitoring results, pre-clearance surveys, photographs, interviews with project approval holder and contractor personnel etc); e. recommendations on any non-compliance or other matter to improve compliance; f. a response by the approval holder to the recommendations in the report (or, if the approval holder does not respond within 20 business days of a request to do so by the auditor, a statement by the auditor to that effect); and g. certification by the independent auditor of the findings of the audit report. 	
Original Dated 22nd Oct 2010	103. The financial cost of the audit will be borne by the proponent.	
Original Dated 22nd Oct 2010	104. The proponent must: <ul style="list-style-type: none"> a. implement any recommendations in the audit report, as directed in writing by the Department; 	

	<ul style="list-style-type: none"> b. investigate any non-compliance identified in the audit report; and c. if non-compliance is identified in the audit report - take action as soon as practicable to ensure compliance with these conditions. <p><i>Note: The Department will discuss findings of audit reports with the proponent to ensure compliance with conditions and before the issue of any directions.</i></p>	
Original Dated 22nd Oct 2010	<p>105. If the audit report identifies any non-compliance with the conditions, within 20 business days after the audit report is submitted to the Department the proponent must provide written advice to the Minister setting out the:</p> <ul style="list-style-type: none"> a. actions taken by the proponent to ensure compliance with these conditions; and b. actions taken to prevent a recurrence of any non-compliance, or implement any other recommendation to improve compliance, identified in the audit report. <p><i>Note: Independent third party auditing may include audit of the proponent's performance against the requirements of any plan required under these conditions.</i></p>	
	<i>Reporting non-compliance</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	<p>106. The approval holder must, when first becoming aware of a non-compliance with these conditions (except condition 97 which relates to environmental authorisations issued by the State), or a plan required to be approved by the Minister under these conditions:</p> <ul style="list-style-type: none"> a. report the non-compliance and remedial action to the Department within two business days; b. bring the matter into compliance within a reasonable time frame specified in writing by the Department. 	No non-compliances have been reported during the AER period.
	<i>Record-keeping</i>	
As varied on the date this instrument was signed	<p>107. The approval holder must:</p> <ul style="list-style-type: none"> a. maintain accurate and complete compliance records; and 	Records are maintained and are available to the Department on request.

(8 th Feb 2023)	<p>b. 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.</p> <p><i>Note: Audits or summaries of audits carried out under these conditions, or under section 458 of the EPBC Act, may be posted on the Department's website. The results of such audits may also be publicised through the general media.</i></p>	A summary of the previously directed third party audit is located on the Department's website.
<i>Financial assurance</i>		
Original Dated 22nd Oct 2010	<p>108. The proponent must:</p> <ul style="list-style-type: none"> a. provide the Minister with a financial assurance in the amount and form required from time to time by the Minister for activities to which these conditions apply; and b. review and maintain the amount of financial assurance based on proponent reporting on compliance with these conditions, and any auditing of the activities. 	No requests were made during the AER period.
Original Dated 22nd Oct 2010	<p>109. The financial assurance is to remain in force until the Minister is satisfied that no claim is likely to be made on the assurance.</p> <p><i>Note: The financial assurance may be used for rehabilitation of habitat and other purposes not addressed adequately by the proponent during the life of the project.</i></p>	
<i>Annual Environmental Return</i>		
As varied on the date this instrument was signed (8 th Feb 2023)	<p>110. Unless otherwise agreed to in writing by the Minister, within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on its website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and details of non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published. Reports must remain published for life of the approval.</p> <ul style="list-style-type: none"> a. Revoked; b. Revoked; c. Revoked; and d. Revoked. 	This document meets the requirements of conditions 110 (a) to 110 (e).

	<i>Note: Compliance reports may be published on the Department's website.</i>	
As varied on the date this instrument was signed (8 th Feb 2023)	111. Revoked.	This condition was inserted on 22 October 2010 and revoked on 8 February 2023.