



## **Annual Return – EPBC 2008/4398 QCLNG Gas Fields**

Rev [0]

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**Queensland Curtis LNG Gas Field PROJECT**

## DOCUMENT INFORMATION SHEET

**TITLE:** Annual Return – EPBC 2008/4398 – QCLNG Gas Fields

### **PURPOSE AND SCOPE:**

The Minister for the Department of Sustainability, Environment, Water, Population and Communities approved action relating to the Queensland Curtis LNG Project on 22 October 2010. Under the approval, there is a requirement for the submission of an Annual Return addressing the conditions contained within the approval. The Annual Return is required to be published on the QGC website within 20 business days of the anniversary date of the approval.

The Annual Return must :

- a. Address compliance with the conditions;
- b. Record 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. Identify all non-compliances with these conditions; and
- d. Identify any amendments needed to plans to achieve compliance with these conditions.

This report complies with the conditions requested under EPBC 2008/4398.

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## 1.0 INTRODUCTION

### 1.1 Scope of Document

On 31 October 2010, the BG Group approved the development of the Queensland Curtis Liquefied Natural Gas Project which is commonly known as the QCLNG Project. The BG approval was made subsequent to receiving approval from Queensland's Coordinator General and the Commonwealth Department of Sustainability, Environment, Water, Population and Communities (SEWPAC). These approvals were granted on 26 June 2010 and 22 October 2010 respectively.

The Queensland Coordinator-General's Report on the environmental impact statement for the QCLNG Project was released pursuant to s.35 of the *State Development and Public Works Organisation Act 1971 (QLD)*. This report provided conditions which the project would need to meet during its construction and subsequent operation.

The report contains over 1000 conditions governing:

- Whole of Project;
- Transport of plant, equipment, materials and people;
- Social impacts including affordable housing and job creation;
- Gas Fields construction and operation;
- Pipelines and the Narrows construction and operation; and
- LNG Plant construction and operation.

On gaining the Co-ordinator-General's decision, the Minister for Environment, the Hon. Tony Burke MP, approved all five referrals which were made by QGC under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act). These referrals are listed below.

- Referral Approval, EPBC 2008/4398 – QCLNG Gas Field Component
- Referral Approval, EPBC 2008/4402 – LNG Plant and Onshore Activities Components
- Referral Approval, EPBC 2008/4399 – 730km Pipeline Network Component
- Referral Approval, EPBC 2008/4405 – Shipping Activities
- Referral Approval, EPBC 2008/4401 – Marine Facilities Components

QGC is required under each of these referrals to compile an Annual Return. This Annual Return must report on compliance with the conditions contained in each referral and must be published on the QGC website.

This document is QGC's Annual Return for referral approval EPBC 2008/4393 – Gas Field Component. Although approval was provided by the Minister on 22 October 2010 and BG sanctioned the QCLNG Project on 31 October 2010, QGC is yet to commence Gas Field activities as described in the referral as at 21 October 2011, the date of this Return. Gas Field activities carried out over the past year were for domestic gas purposes and activities were carried out under Queensland Government Environmental Authorities.

### 1.2 Distribution and Intended Audience

This document is prepared for SEWPAC in accordance with condition 111 of referral EPBC 2008/3898 for publication on the QGC website.

## APPENDIX A - QCLNG GAS FIELDS – EPBC 2008/4398

**SEWPAC CONDITIONS**

Condition		Status	Statement of Compliance
<b>Project Area</b>			
1.	The project area is the area identified at Figure 1, with a maximum QCLNG Gas field development area of 26,760 ha, within the following petroleum tenures (as they are at the date of the decision to which these conditions are attached): <ul style="list-style-type: none"> <li>• ATPs 610,621,632 (portion of), 647, 648, 651, 676 and 768 (portion of);</li> <li>• PLs 179, 201, 228, 229,171,180,211,247;</li> <li>• PLAs 212, 257, 259, 261, 262, 263, 273, 274, 275, 276, 277, 278, 279.</li> </ul>	Activated	Compliant – Variation to Condition 1 of this approval was provided by the Department to include petroleum tenure ATP 574 as included in the QCLNG EIS and supplementary EIS. The variation was approved by the Department on 21 October 2011.
<b>Infrastructure limits</b>			
2.	Impacts must be limited to a maximum of 6,000 production wells and impacts related to associated gas fields development.	Noted	
<b>Constraints Planning and Field Development</b>			
<i>Protocol for Constraints Planning and Field Development</i>			
3.	Before the commencement of QCLNG Gas field development, the proponent must develop a Constraints Planning Protocol (the Protocol)	Activated	Compliant. The Constraints Planning and Field Development Protocol (the Protocol) was submitted to the Department on 12 August 2011. Return comments were reviewed and a revised Plan (rev 2) was resubmitted on 13 October 2011. Approval for the Protocol was received from the Department on 21 October 2011.
4.	The Protocol must apply for the life of the project and include the principles of: <ul style="list-style-type: none"> <li>a) Avoiding direct and indirect adverse impacts on MNES;</li> <li>b) Mitigating and managing direct and indirect Impacts to minimise cumulative adverse impacts on MNES; and</li> <li>c) Active site remediation and rehabilitation of impacted areas to promote and maintain long-term recovery of MNES.</li> </ul>	Activated	Compliant - Details are included in the Protocol.

Condition		Status	Statement of Compliance
5.	<p>The Protocol must:</p> <ul style="list-style-type: none"> <li>a) classify the following as being within the proponent's highest environmental constraint class - Zone 4a (or should the proponent's classification be revised, an equivalent high environmental constraints class):                             <ul style="list-style-type: none"> <li>i. all listed threatened ecological communities;</li> <li>ii. all listed flora species; and</li> <li>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.</li> </ul> </li> </ul> <p><i>Note: The proponent's approach to environmental constraint class Zone 4a and related impact avoidance and mitigation is described in volume 3, chapter 7 (7.6.2.4) of the proponent's Environmental Impact Statement (dated July 2009). The protocol conditions do not apply to the other constraints that the proponent has included in environmental constraint class - Zone 4a unless these are relevant to MNES.</i></p> <ul style="list-style-type: none"> <li>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 Zone 4a;</li> <li>c) require the undertaking and documentation of planning and pre-clearance site assessments and field ecological surveys in proposed QCLNG Gas field development areas where constraint class Zone 4a is mapped, likely, or found. The pre-clearance site assessments and field ecological surveys must identify and assess options relating to potential QCLNG Gas field development impacts on MNES and provide recommendations to inform the proponent's decision to develop the project area;</li> <li>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:                             <ul style="list-style-type: none"> <li>i. preferentially avoid native vegetation that constitutes a listed</li> </ul> </li> </ul>	Activated	Compliant - Details are included in the Protocol. The Protocol was approved by SEWPAC on 21 October 2011.

Condition		Status	Statement of Compliance
	<p>ecological community and/or may provide habitat for listed species and utilise previously cleared or previously utilised areas;</p> <p>ii. exclude exploration and production wells from within areas identified as environmental constraint class Zone 4a unless their location within environmental constraint class Zone 4a is justified as an exception given other constraints and the impact on any MNES will be minimal, short term and recoverable; and</p> <p>iii. either:</p> <p>I. exclude other non linear infrastructure from the no impact zone; or</p> <p>II. where the location of other non linear infrastructure in the no impact 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, short term and recoverable, or no adverse impact on any MNES, including habitat for any listed species;</p> <p>iv. either:</p> <p>I. exclude linear infrastructure from the impact risk zone; or</p> <p>II. 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.</p> <p><i>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</i></p>		

Condition		Status	Statement of Compliance
	<p>e) require the proponent to plan for and decide the extent that proposed linear infrastructure may have adverse impacts on MNES in accordance with the following:</p> <ul style="list-style-type: none"> <li>i. all linear disturbance within environmental constraints class Zone 4a for MNES and the impact risk zone must be:                             <ul style="list-style-type: none"> <li>I. limited to 6 metres in width for single lane track;</li> <li>II. limited to 15 metres if there are one or two parallel gas or water gathering lines;</li> <li>III. limited to 20 metres if there are three, four, or five parallel gas or water gathering lines;</li> <li>IV. limited to 25 metres if there are six, seven or eight parallel gas or water gathering lines;</li> <li>V. limited to .30 metres if there are greater than eight parallel gas or water gathering lines.</li> </ul> </li> <li>ii. gas and water trunkline rights of way, water distribution pipeline rights of way, the Upstream Infrastructure Corridor (UIC), and other major linear infrastructure disturbance corridors within environmental constraints class Zone 4a and the impact risk zone must be:                             <ul style="list-style-type: none"> <li>I. limited to 30 m in width where there are one or two gas and water trunklines, underground 33kV power lines and fibre optic cables in parallel;</li> <li>II. limited to 30 metres plus an additional 4 metres for every additional gas or water trunkline in parallel with the initial one or two gas or water trunklines, underground 33kV power lines and fibre optic cable;</li> <li>III. limited to disturbance in the corridor described for the UIC.</li> </ul> </li> <li>iii. where feasible, gas trunklines, pipelines for associated water and other transmission lines must be co-located to reduce total disturbance on MNES.</li> </ul> <p>f) support bioregional corridors for listed threatened species and migratory species, and connectivity for listed threatened ecological communities;</p>		

Condition		Status	Statement of Compliance
	<p>g) ensure site assessments and field ecological surveys:</p> <ul style="list-style-type: none"> <li>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 <a href="http://www.environment.gov.au/epbc/guidelinespolicies.html#threatened">http://www.environment.gov.au/epbc/guidelinespolicies.html#threatened</a>;</li> <li>ii. take into account and reference previous ecological surveys undertaken in the area and relevant new information on likely presence or absence of MNES;</li> <li>iii. are undertaken by a suitably qualified ecologist approved by the Department;</li> <li>iv. document the survey methodology, results and significant findings in relation to MNES.</li> <li>v. apply best practice site assessment and ecological survey methods appropriate for each listed threatened species, migratory species, their habitat and listed ecological communities;</li> <li>vi. apply the mapping of environmental constraints class Zone 4a; the infrastructure location requirements; minimum no impact zones; impact risk zones; and the width requirements for linear infrastructure corridors described in e);</li> <li>vii. 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;</li> </ul> <p>h) require species and ecological community management plans which include:</p> <ul style="list-style-type: none"> <li>i. relevant avoidance and mitigation measures to be applied;</li> <li>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</li> </ul>		

Condition		Status	Statement of Compliance									
	<p>Department. Notification of additional MNES found must be provided to the Department in writing within 10 business days. Measures must</p> <ul style="list-style-type: none"> <li>iii. include the development of a management plan consistent with</li> <li>iv. requirements under condition 8; and</li> <li>i) 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 QCLNG Gas field development within the project area.</li> </ul>											
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.	Activated	Compliant - Details are included in the Protocol.									
<i>Management plans for listed species and ecological communities</i>												
7.	<p>Before commencement of each major stage of QCLNG 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 QCLNG Gas field development within the project area (defined by condition 1), or external to the project area, as a result of QCLNG Gas field development. The management plans must address as a minimum, the ecological communities and species and their habitat as specified in Tables 1, 2 and 3 of these conditions:</p> <p><i>Note 1: The proponent may develop management plans to align with the requirements of the Queensland Government where there are species and ecological communities covered by both Queensland requirements and the requirements of this approval.</i></p> <p><i>Note 2: Major stages of development are to be notified under condition 88.</i></p> <table border="1" data-bbox="349 1222 1171 1323"> <thead> <tr> <th colspan="3">Table 1: Species potentially impacted by QCLNG Gas field development for which management plans are required</th> </tr> <tr> <th>Species</th> <th>EPBC status</th> <th>Indicative habitat</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Table 1: Species potentially impacted by QCLNG Gas field development for which management plans are required			Species	EPBC status	Indicative habitat				Activated	Compliant - Gas Fields Significant Species Management Plan was submitted to the Department on 26 September 2011. A further revised plan (Rev 2) was submitted on 18 October 2011. The revised Plan [Rev 2] was approved by the Department on 20 October 2011.
Table 1: Species potentially impacted by QCLNG Gas field development for which management plans are required												
Species	EPBC status	Indicative habitat										

Condition				Status	Statement of Compliance
	<i>Dasyurus hallucatus</i> (Northern Quoll)	Endangered	Habitat generally encompasses some form of rocky area for denning purposes with surrounding vegetated habitats used for foraging and dispersal. Preferred habitat of rocky hills and escarpments, open forest and open woodland		
	<i>Chalinolobus dwyeri</i> (Large-eared Pied Bat, Large Pied Bat)	Vulnerable	Usually found in proximity to cliff lines and escarpments and sandstone outcrops, where shallow caves appear to be used as roosts, although the species is also known to use tree hollows. Known to forage in adjoining woodlands including Brigalow ecological communities		
	<i>Tumix Melanogaster</i> (Black-breasted Button-quail)	Vulnerable	Drier low closed forests, particularly semi evergreen vine thicket, low microphyll vine forest, araucarian microphyll vine forest and araucarian notophyll vine Forest		
	<i>Erythrotriorchis Radiatus</i> (Red Goshawk)	Vulnerable	Eucalypt woodland, open forest, gallery rainforest, swamp sclerophyll forest and rainforest margins, usually in association with large tracts of forest. Prefers a mosaic of vegetation types and permanent water.		
	<i>Rostatual Australis</i> (Australian Painted Snipe)	Vulnerable	Potentially any wetland and farm dams with suitable vegetation cover, temporary and permanent lakes, swamps and claypans. Favours freshwater swamps and samphire salt marshes		
	<i>Delma torquate</i> (Collared Delma)	Vulnerable	Eucalypt or acacia dominated woodland including Brigalow ecological communities and open forest where it is associated with suitable microhabitats (exposed rocky outcrops or a sparse understorey of tussock grass,		

Condition			Status	Statement of Compliance
		shrubs or semi-evergreen vine thickets)		
<i>Geophaps scripta</i> (Squatter Pigeon (Southern)	Vulnerable	Grassy woodlands and open forest that are dominated by eucalypts, open grassy pastures in associate with cattle grazing and marshes, acacia growth and disturbed habitats (ie around stockyards, along roads and railways, and around settlements.)		
<i>Denisonia maculate</i> (Ornamental Snake)	Vulnerable	Sandy soils, riverside woodland and open forest growing on natural levees and other riparian habitats. Shelters under fallen timber and in soil cracks. Known from cleared grazing and cropping lands where suitable soils exist		
<i>Furina dunmalli</i> Vulnerable (Dunmall's Snake)	Vulnerable	and clay loam soils (usually on heavy clay soils); Also known to occur in eucalypt and callitris woodland with fallen timber and ground litter		
<i>Nyctophilus timoriensis</i> (Eastern Long-eared Bat)	Vulnerable	River red gum forest, semi-arid woodlands, savannahs and open woodlands, often in association with riverine environments in Brigalow Belt of inland Queensland.		
<p><i>Note 1: Table 1 is derived from Table 2 EPBC Act Listed Ecological Community and Flora Species Impacts; Table. 3 MNES Fauna Species Requiring Offset Consideration; and Table 2 Determination of EPBC Act Listed Fauna Species Impacted of the Unidel QCLNG Project Revised Terrestrial Offsets and Implementation Report QGC020-ENV-RPT0002 24 June 2010 and from listed threatened species profiles available on the Department's website.</i></p> <p><i>Note 2: Habitat for species in Table 1 is to be fully described in the management plan for each species as required under condition 8. The habitat described in Table 1 is for general context and indicative only</i></p>				

Condition		Status	Statement of Compliance
8.	<p>The management plans required under condition 7. must be developed by a qualified ecologist approved in writing by the Department and as a minimum address the following as is relevant to each MNES:</p> <ul style="list-style-type: none"> <li>a) current legal status (under EPBC Act);</li> <li>b) known distribution;</li> <li>c) known species' populations and their relationships within the region;</li> <li>d) extent of ecological community fragmentation within the region and if appropriate minimum patch size for that community;</li> <li>e) to support field identification and ecological surveys, description of the relevant characteristics of the ecological community;</li> <li>f) species' biology, reproduction and description of general habitat;</li> <li>g) to support field identification and ecological surveys, description of the species' habitat, which may be described in terms of essential habitat and microhabitat, associations with geology, soils, landscape features, associations with other native fauna and/or flora or ecological communities, and specific niche habitat descriptions;</li> <li>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 QCLNG Gas field development area;</li> <li>i) relevant management practices and methods to minimise impact and recover from impact that should include: <ul style="list-style-type: none"> <li>i. site rehabilitation timeframes, standards and methods;</li> <li>ii. use of sequential clearing to direct fauna away from an impact zone;</li> <li>iii. re-establishment of native vegetation in linear infrastructure corridors;</li> <li>iv. welfare and safe handling of fauna specimens requiring relocation from impact sites;</li> <li>v. handling practices for flora specimens;</li> <li>vi. translocation practices and monitoring for translocation</li> </ul> </li> </ul>	Activated	Compliant – Ecologist was approved by the Department on 6 May 2011. Gas Fields Significant Species Management Plan was submitted to the Department on 26 September 2011. A further revised plan (Rev 2) was submitted on 18 October 2011. The revised Plan [Rev 2] was approved by the Department on 20 October 2011.

Condition		Status	Statement of Compliance
	success; vii. monitoring methods including for rehabilitation success and recovery; viii. surface and ground water quality and quantity requirements, including relevant downstream environmental quality parameters; ix. 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.		
9.	Each species and ecological community management plan must be submitted for the approval of the Minister. Commencement of each major stage of QCLNG Gas field development within the project area must not occur without written approval of a 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.	Activated	Compliant – Gas Fields Significant Species Management Plan was submitted to the Department on 26 September 2011. A further revised plan (Rev 2) was submitted on 18 October 2011. The revised Plan [Rev 2] was approved by the Department on 20 October 2011.
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.	Activated	Compliant – Gas Fields Significant Species Management Plan was submitted to the Department on 26 September 2011. A further revised plan (Rev 2) was submitted on 18 October 2011. The revised Plan [Rev 2] was approved by the Department on 20 October 2011.  The plan will be reviewed annually, updating as required taking into account new information made available by the Commonwealth or Queensland Government agencies.
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.	Noted	

Condition		Status	Statement of Compliance
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.	Noted	
<i>Record of impacts</i>			
13.	<p>If an impact occurs (which may include a presumed impact where the species is presumed to be present) to a MNES during QCLNG Gas field development, operation, or decommissioning the proponent must:</p> <ul style="list-style-type: none"> <li>a) record the impact by reference to:                             <ul style="list-style-type: none"> <li>i. the location, specific site and type of infrastructure or activity;</li> <li>ii. each MNES subject to disturbance;</li> <li>iii. the related site assessment or field ecological survey documentation and recommendations, or the decision that the particular MNES was presumed to be present;</li> <li>iv. the disturbance limit set under 25; .</li> <li>v. the total area of actual disturbance;</li> <li>vi. the remaining disturbance limit for each affected MNES;</li> <li>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 impact on MNES;</li> <li>viii. actions and commitments by the proponent to remediate, rehabilitate, or make good any unauthorised disturbance; and</li> </ul> </li> <li>b) record the information to a standard which can be independently audited.</li> </ul>	Not Activated	These records will be kept when Gas Fields activities commence.
<i>Site remediation, rehabilitation and recovery plan</i>			
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.	Not Activated	These measures will be applied when Gas Fields activities commence. Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan [Rev 1] was submitted to the Department on 26 September 2011. A further updated plan (Rev 2) was submitted to the Department on 18 October 2011.

Condition		Status	Statement of Compliance
			The RRRMP was approved by the Department on 20 October 2011.
15	<p>Before commencement of QCLNG Gas field development the proponent must develop a Remediation, Rehabilitation, Recovery and Monitoring Plan. The Plan must:</p> <ul style="list-style-type: none"> <li>a. include site remediation measures including timeframes and standards for preventing erosion and stabilising disturbed soil in impact areas;</li> <li>b. include measures to support recovery of listed species' habitat and recovery of listed ecological communities affected by gas field</li> <li>b) development;</li> <li>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;</li> <li>d) provide for fire prevention and management regimes during construction, operation, and decommissioning to protected MNES;</li> <li>e) include performance measures and related monitoring to assess site remediation, rehabilitation and recovery;</li> <li>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;</li> <li>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.</li> </ul>	Activated	<p>Compliant – Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan [Rev 1] was submitted to the Department on 26 September 2011. A further updated plan (Rev 2) was submitted to the Department on 18 October 2011. The RRRMP was approved by the Department on 20 October 2011.</p> <p>Details required under this condition are included in the Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan.</p>
16.	The Remediation, Rehabilitation, Recovery and Monitoring Plan must be submitted for the approval of the Minister. Commencement of QCLNG Gas field development must not occur without 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	Activated	Compliant – Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan [Rev 1] was submitted to the Department on 26 September 2011. A further updated plan (Rev 2) was submitted to the Department on 18 October 2011. The RRRMP was approved by the Department on 20 October 2011.

Condition		Status	Statement of Compliance
	<p>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.</p>		
<p>17.</p>	<p>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.</p>	<p>Activated</p>	<p>Compliant – Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan [Revision 2] was submitted to the Department on 26 September 2011. Details required under this condition are included in the Plan. The RRRMP was approved by the Department on 20 October 2011.</p> <p>Details required under this condition are included in the Gas Field Remediation, Rehabilitation, Recovery and Monitoring Plan.</p>
<p>18.</p>	<p>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 an independent qualified ecologist, or other experts, approved by the Department. Plans must be approved by the Department in writing.</p>	<p>Noted</p>	
<p>19.</p>	<p>Independent review of plans will bear the financial expense of the proponent. Once independently reviewed, plans must be submitted for written approval by the Department. Approved plans must be implemented.</p>	<p>Noted</p>	
<p><i>Approval and Review of Protocol</i></p>			
<p>20.</p>	<p>The <i>Protocol</i> must be submitted for the approval of the Minister. Commencement of QCLNG 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 has notified the Department in writing before an activity is undertaken. The approved Protocol must be implemented.</p>	<p>Activated</p>	<p>Compliant - The Constraints Planning and Field Development Protocol (the Protocol) was submitted to the Department on 12 August 2011. Return comments were reviewed and a revised Plan (rev 2) was resubmitted on 13 October 2011. Approval for the Protocol was received from the Department on 21 October 2011.</p>
<p>21.</p>	<p>The Protocol and related plans must be reviewed and updated by the proponent to take into account the findings of the <i>Cumulative Impact Assessment Report</i> required by the Queensland Government; before</p>	<p>Noted</p>	<p>The Cumulative Impact Assessment report has not yet been completed and no other review trigger has yet occurred.</p>

Condition		Status	Statement of Compliance									
	each major stage of the proponent's QCLNG Gas field development; 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.											
22.	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.	Noted										
23.	The Department may require through a request in writing that the Protocol and related plans be revised or amended before approval. Any such request must be acted on within the time frame specified.	Noted	Compliant – The Constraints Planning and Field Development Protocol (the Protocol) was submitted to the Department on 12 August 2011. Return comments were reviewed and a revised Plan (rev 2) was resubmitted on 13 October 2011. Approval for the Protocol was received from the Department on 21 October 2011.									
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.	Activated	The protocol was approved on 21 October 2011 and will be incorporated into management procedures, operational plans and other relevant documentation.									
<b>Disturbance Limits</b>												
25.	<p>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 within the project area illustrated in Attachment 1, and external to it, ('whole of project' disturbance limits) and all associated activities for the life of the project.</p> <table border="1" data-bbox="342 1158 1151 1332"> <thead> <tr> <th colspan="3" data-bbox="342 1158 1151 1209">Table 2: Disturbance limits for listed threatened ecological Communities</th> </tr> <tr> <th data-bbox="342 1209 779 1283">Ecological community</th> <th data-bbox="779 1209 1008 1283">EPBC Act status</th> <th data-bbox="1008 1209 1151 1283">Disturbance limit (ha)</th> </tr> </thead> <tbody> <tr> <td data-bbox="342 1283 779 1332">Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)</td> <td data-bbox="779 1283 1008 1332">Endangered</td> <td data-bbox="1008 1283 1151 1332">73 ha</td> </tr> </tbody> </table>	Table 2: Disturbance limits for listed threatened ecological Communities			Ecological community	EPBC Act status	Disturbance limit (ha)	Brigalow ( <i>Acacia harpophylla</i> dominant and co-dominant)	Endangered	73 ha	Not Activated	These records will be kept when Gas Fields activities commence.
Table 2: Disturbance limits for listed threatened ecological Communities												
Ecological community	EPBC Act status	Disturbance limit (ha)										
Brigalow ( <i>Acacia harpophylla</i> dominant and co-dominant)	Endangered	73 ha										

Condition				Status	Statement of Compliance												
The community of native species dependent on natural discharge of groundwater from the Great Artesian Basin	Endangered		o (No disturbance authorised)														
Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	Endangered		o (No disturbance authorised)														
Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin	Endangered		o (No disturbance authorised)														
<p>Note: Table 2 is derived from Table 2 EPBC Act Listed Ecological Community and Flora Species Impacts of the Unidel QCLNG Project Revised Terrestrial Offsets and Implementation Report QGC020-ENV-RPT0002 24 June 2010).</p>																	
<p><b>Table 3: Disturbance limites for listed species</b></p> <table border="1"> <thead> <tr> <th>Species</th> <th>EPBC Status</th> <th>Disturbance limit (ha)</th> <th>Indicative habitat</th> </tr> </thead> <tbody> <tr> <td><i>Paradelma oreintalis</i> (Brigalow Scaly-footO)</td> <td>Vulnerable</td> <td>235* ha of potential habitat</td> <td>Occurs in a wide range of (dry) forest and woodland habitats, including Brigalow woodland, vine thicket regrowth and rocky habitats on standstrone ridges to flats and gently undulating plians with clay, loam or sand. Not toleratnt of clearings. Specific habitat where species found includes remnant Brigalow woodland with sparse tussock grasses on grey cracking clay soils.</td> </tr> <tr> <td><i>Egermia rugosa</i> (Yakka Skink)</td> <td>Vulnerable</td> <td>343* ha of potential habitat</td> <td>Open dry sclerophyll forest or woodland, Brigalow, shrublands, lancewood</td> </tr> </tbody> </table>						Species	EPBC Status	Disturbance limit (ha)	Indicative habitat	<i>Paradelma oreintalis</i> (Brigalow Scaly-footO)	Vulnerable	235* ha of potential habitat	Occurs in a wide range of (dry) forest and woodland habitats, including Brigalow woodland, vine thicket regrowth and rocky habitats on standstrone ridges to flats and gently undulating plians with clay, loam or sand. Not toleratnt of clearings. Specific habitat where species found includes remnant Brigalow woodland with sparse tussock grasses on grey cracking clay soils.	<i>Egermia rugosa</i> (Yakka Skink)	Vulnerable	343* ha of potential habitat	Open dry sclerophyll forest or woodland, Brigalow, shrublands, lancewood
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Condition				Status	Statement of Compliance
			forests on sandy and open textured soils. Dense ground cover, cavities in soul-bound root systems of fallen trees and beneath rocks, hollow logs and animal burrows are considered to provide suitable microhabitat for this species.		
	<i>Philotheca sporadica</i>	Vulnerable	10 ha	Open to closed shrubland to closed woodland. Shallow sandy to clay loams or shallow texture contrast soils with loamy surfaces and medium clay subsoils. Ironstone gravel usually present within soil colum. Some sites have duricrust surfaces.	
<p>• Disturbance limits for Brigalow Scaly-loot and Yakka Skink potential habitat are as per the methodology applied in <i>Unidel OCLNG Project Revised Terrestrial Offsets and Implementation Report OGC020-ENV-RPTO002 24 June 2010</i>.</p> <p>Note: Table 3 is derived from: Table 2 <i>EPBC Act Listed Ecological Community and Flora Species Impacts</i>, Table 3 <i>MNES Fauna Species Requiring Offset Consideration</i>, and Table 2 <i>Determination of EPBC Act Listed Fauna Species Impacted of the Unidel OCLNG Project Revised Terrestrial Offsets and Implementation Report OGC020-ENV-RPTO002 24 June 2010</i>; and from the listed threatened species profiles available on the Department's website.</p> <p>Habitat for species in Table 3 will be described in the management plan for each species as required under condition 8. The habitat described in Table 3 is for general context and indicative only.</p>					

Condition		Status	Statement of Compliance
<b>Offsets</b>			
<b>Plan to secure offsets</b>			
26.	<p>Within 6 months of the commencement of the action the proponent must prepare an Offset Plan to provide an offset area for the approved disturbance limits relating to MNES within the project area. The offset area to be secured must be an area of private land which includes at least:</p> <ul style="list-style-type: none"> <li>a) 80 ha of <i>Philothea sporadica</i> habitat; and</li> <li>b) 343 ha of potential <i>Egernia rugosa</i> (Yakka Skink) habitat which includes micro habitat required for the species; and</li> <li>c) 235 ha of potential <i>Paradelrna orientalis</i> (Brigalow Scaly-foot) habitat which includes micro habitat required for the species; and</li> <li>d) 730 ha of Brigalow with representation of the following;                             <ul style="list-style-type: none"> <li>i. 30% remnant Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant);and</li> <li>ii. 70% which is a combination of:                                     <ul style="list-style-type: none"> <li>I. high value regrowth Brigalow; and</li> <li>II. other Brigalow regrowth with potential for management to remnant Brigalow status.</li> </ul> </li> </ul> </li> </ul>	Not Activated	QCLNG Gas field development has not commenced as at 21 October 2011.
27.	The Offset Plan must include details of the offset area including: the timing and arrangements for securing properties, maps and site description, environmental values relevant to MNES, connectivity with other habitats and biodiversity corridors, a rehabilitation program, and mechanisms for long-term protection, conservation and management.	Noted	
28.	The Offset Plan must be submitted for the approval of the Minister within 6 months of the commencement of the action. The approved Offset Plan must be implemented.	Noted	
29.	If the approved Offset Plan cannot be implemented because of failure of arrangements to secure the necessary area of private land then the proponent must submit for the Minister's approval an alternative Offset	Noted	

Condition		Status	Statement of Compliance
	Plan. The alternative Offset Plan must provide at least an equivalent environmental outcome to those specified under condition 26(a) to (d). The approved alternative Offset Plan must be implemented.		
30.	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.	Noted	
31.	The proponent must secure the offset within 2 years of commencement.	Noted	
<i>Offset Area Management</i>			
32	<p>Within 12 months of securing the offset area required under the approved Offset Plan, 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"> <li>a) the documentation and mapping of current environmental values relevant to MNES of the area;</li> <li>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;</li> <li>c) measures to provide fire management regimes appropriate for the MNES;</li> <li>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;</li> <li>e) an objective that revegetation areas for Brigalow meet the criteria applicable at the time for 'remnant status', and measures to ensure application is made to have the revegetation areas</li> </ul>	Noted	QCLNG Gas field development has not commenced as at 21 October 2011.

Condition		Status	Statement of Compliance
	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.		
33.	Within 12 months of securing the offset area the Offset Area Management Plan must be submitted for the approval of the Minister. The approved Offset Area Management Plan must be implemented.	Noted	
<i>Rehabilitation Area Offset</i>			
34.	Within 2 years of the commencement of QCLNG Gas field development the proponent must secure a Rehabilitation Area Offset of at least 700 hectares of privately held property to compensate for indirect adverse impacts on MNES. The proponent must: 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 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.	Not Activated	QCLNG Gas field development has not commenced as at 21 October 2011
35.	The Rehabilitation Area Offset must: a. be within historical distributions of the ecological community (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 Brigalow ( <i>Acacia harpophylla</i> dominant and co-dominant) ecological community; and c. include or have potential for providing habitat and micro habitat requirements for listed migratory and threatened	Noted	

Condition		Status	Statement of Compliance
	species (i.e. those in Table3 that relate to this ecological community).		
36.	If, within 2 years of the commencement of QCLNG 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 in a timeframe specified in writing by the Minister.	Noted	
<i>Rehabilitation Area Plan</i>			
37.	Within 2 years of the commencement of QCLNG Gas field development, the proponent must prepare a Rehabilitation Area Plan for the offset required. Under condition 34.	Not Activated	QCLNG Gas field development has not commenced as at 21 October 2011
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.	Noted	
39.	The Rehabilitation Area Plan must include: 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; d) the source and provenance of the seed and/or seedlings	Noted	

Condition		Status	Statement of Compliance
	<p>which will be used;</p> <p>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;</p> <p>f) measures to provide fire management regimes appropriate for the MNES;</p> <p>g) 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 threatened species and ecological community reference sites;</p> <p>h) 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.</p>		
40.	<p>Within 2 years of the commencement of QCLNG Gas field development the Rehabilitation Area Plan must be submitted for the approval of the Minister. The approved Rehabilitation Area Plan must be implemented.</p>	Noted	
41.	<p>To ensure the long term protection of the Rehabilitation Area the proponent must:</p> <p>a) manage the Rehabilitation Area to a stage where. it meets the criteria for 'remnant vegetation' for the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community.</p> <p>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 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</p>	Noted	

Condition		Status	Statement of Compliance
	<p>provided by the Minister in writing);</p> <p>c) define corrective actions which will be undertaken if performance measures and reporting indicate that successful rehabilitation has not been achieved;</p> <p>d) identify persons responsible and arrangements for implementing the Rehabilitation Area Plan and for reporting on performance; and</p> <p>e) notify the Department in writing of the reclassification of areas within the Rehabilitation Area as 'remnant vegetation' within 30 business days of the reclassification occurring.</p>		
42.	<p>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>	Noted	
<b>CSG Water Management</b>			
43.	<p>The proponent must:</p> <p>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</p>	Activated	<p>Gas fields development has not commenced as at 21 October 2011. In preparation and in accordance with this condition, the CSG Water Monitoring and Management Plan was submitted to the Department on 20 April 2011. A revised version of the plan was submitted on 14 October 2011 – Awaiting Approval. Ongoing discussions with SEWPAC and expert panel advisors is occurring.</p>
	<p>b. if any such impacts arise apply measures identified in the Coal Seam Gas Water Monitoring and Management Plan, or other requirements under these conditions, to mitigate or make good</p>	Activated	<p>Modelling shows no impact to MNES springs from current activities or from whole of life planned CSG water extraction activities.</p>

Condition		Status	Statement of Compliance
	such impacts to the satisfaction of the Minister		
<b>Coal Seam Gas Water Monitoring and Management Plan</b>			
<i>Hydraulic connection</i>			
44.	If the proponent demonstrates to the satisfaction of the Minister, on the advice of the expert panel, that an aquifer has negligible hydraulic connectivity to other aquifers, then groundwater drawdown limits and threshold values (for groundwater drawdown and quality) for response measures in these conditions do not apply to that aquifer.	Activated	Compliant – Part of ongoing studies as described in Stage 1 WMMP. Activity progress will be reported on in Stage 2 WMMP submission.
45.	To avoid doubt, monitoring and risk management requirements in the Stage 1 Coal Seam Gas Water Monitoring and Management Plan (Stage 1 CSG WMMP) and the Stage 2 Coal Seam Gas Water Monitoring and Management Plan (Stage 2 CSG WMMP) (outlined below) will continue to apply to any . aquifer which the proponent has demonstrated to the satisfaction of the Minister, on the advice of the expert panel, has negligible hydraulic connectivity to other aquifers.	Noted	
46.	If the Minister, acting on advice of an expert panel, is satisfied that new evidence indicates a material change in hydraulic connectivity of an aquifer to which condition 44 applies, the Minister may notify the proponent, in writing, that condition 44 does not apply to that aquifer.	Noted	
<i>Default drawdown</i>			
47.	Within 20. business days from the date of the project approval, or such longer period specified by the Minister in writing, the proponent must submit to the satisfaction of the Minister, modelled groundwater drawdown contour data and contour plots for each targeted aquifer.	Activated	Partially Compliant – Provided to SEWPAC in December 2010. Minister issued default drawdowns in March 2011. QGC has maintained these default drawdowns.
48.	The Minister, having regard to the minimum drawdown prediction from the proponent's Environmental Impact Statement and the information supplied under condition 47, will specify to the proponent, in writing, the default groundwater drawdown limit for each aquifer that will apply until the Minister's approval of the Stage 1 CSG WMMP. The proponent must not exceed the groundwater drawdown limits specified by the Minister.	Noted	

Condition		Status	Statement of Compliance
<i>Stage 1 CSG Water Monitoring and Management Plan</i>			
49.	Within 6 months from the date of the project approval, the proponent must submit for the approval of the Minister a Stage 1 Coal Seam Gas Water Monitoring and Management Plan (Stage 1 CSG WMMP) which includes at least:	Activated	Compliant - Plans submitted on 20 April 2011.
<i>Groundwater monitoring and management</i>			
	a) Groundwater drawdown limits for each targeted aquifer;	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
	b) A program and schedule for aquifer connectivity studies and monitoring of relevant aquifers to determine hydraulic connectivity;	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
	c) A program and schedule for field piloting of aquifer reinjection of treated CSG water and other groundwater re-pressurisation techniques;	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
	d) Early warning indicators where drawdown thresholds are being approached.	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
<i>Hydraulic fracturing</i>			
	e) 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;	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
	f) 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;	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
<i>Hydraulic fracturing</i>			
	g) An ongoing water quality and quantity surface water monitoring plan that includes at least:	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
	(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;	Activated	Compliant – further information to be provided in Stage 2. Discussions continue with SEWPAC.



Condition		Status	Statement of Compliance
<i>Response actions</i>			
	(h) mechanisms to avoid, minimise and manage risk of adverse impacts and response actions and timeframes that can be taken by the proponent if: (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	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
		Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
		Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
<i>Reporting</i>			
	(i) Performance measures, annual reporting to the Department, and publication of reports on the internet.	Activated	Compliant – details provided in Stage 1 CSG WMMP submitted on 20 April 2011. Waiting advice.
50.	The proponent must implement the Stage 1 CSG WMMP approved in writing by the Minister, on the advice of an expert panel. The proponent must not exceed the groundwater drawdown limits for each aquifer specified in the Stage 1 CSG WMMP. The Stage 1 CSG WMMP will apply until the commencement of the approved Stage 2 CSG WMMP.	Activated	Compliant – Minister is yet to approve the Plan, however, the Department and the Panel of Advisors has advised to start implementation. Implementation confirmed in correspondence dated 19 August 2011.
<i>Stage 2 CSG Water Monitoring and Management Plan</i>			
51.	Within 18 months from the date of the approval of the action the proponent must submit for the approval of the Minister, a Stage 2 Coal Seam Gas Water Monitoring and Management Plan (Stage 2 CSG WMMP). The proponent must allow a further 3 months for the Minister's consideration of approval of the Stage 2 CSG WMMP including seeking advice from an expert panel.	Not Activated	Condition not triggered within this reporting timeframe.
52.	In addition to the matters in the Stage 1 CSG WMMP, the Stage 2 CSG WMMP must also include: <i>Groundwater monitoring and management</i> a) an ongoing CSG water treatment program to ensure that any water to be used for re-injection, or used for other groundwater repressurisation options, is treated at least equal to the water quality of the receiving groundwater system or environment; b) the method, data and the evidentiary standards necessary to support a conclusion that an aquifer from which CSG water is being	Noted	

Condition		Status	Statement of Compliance
	<p>extracted is not hydraulically connected to other aquifers;</p> <p>c) a groundwater quality and quantity monitoring plan to monitor the aquifers underlying the project area using a statistically and hydrogeologically valid, best practice bore monitoring network across the project area, and at least;</p> <ul style="list-style-type: none"> <li>i. the aquifers to be monitored and the rationale for selection;</li> <li>ii. the number and locations of monitoring bores and their flow, pressure, head, and water quality characteristics;</li> <li>iii. the frequency of the monitoring and rationale for the frequency;</li> <li>iv. baseline data for each monitoring site for comparison of monitoring results over the life of the project;</li> <li>v. the approach to be taken to analyse the results including the methods to determine trends to indicate potential impacts;</li> <li>vi. groundwater drawdown threshold values and groundwater quality threshold values for each aquifer (based on regional groundwater modelling endorsed by the Minister) at which management actions (such as reporting or control line values for additional investigation, more intensive management action, make good, and .. cease operations) will be initiated to respond to escalating levels of risk, including increasing levels of drawdown, contamination of groundwater, or subsidence;</li> <li>vii. references to standards and relevant policies and guidelines;</li> <li>viii. mechanisms to monitor, avoid, minimise, manage, and respond to risks; and</li> <li>ix. performance measures, annual reporting to the Department, and publication of reports on the internet;</li> </ul> <p><i>Response actions</i></p> <p>d) an exceedence response plan that includes:</p> <ul style="list-style-type: none"> <li>i. mechanisms to avoid, minimise and manage risk of adverse impacts and . response actions and timeframes that can be taken by the proponent if:</li> </ul>		

Condition		Status	Statement of Compliance
	<p>I. threshold values for surface water quality and water environmental values specified in the CSG WMMP are exceeded;</p> <p>II. threshold values specified in the CSG WMMP for aquifer drawdown or groundwater contamination are exceeded;</p> <p>III. subsidence or surface deformation occurs which impacts on surface or groundwater hydrology;</p> <p>IV. there are any unforeseen emergency discharges; and</p> <p>ii. a program and timetable for repressurisation using re-injection of CSG water from hydraulically connected aquifers back into appropriate permeable aquifers and for other groundwater repressurisation options to re-establish pressure levels and water qualities to the satisfaction of the Minister on the advice of an expert panel, in conjunction with appropriate measures to forecast and proactively manage any short term impacts.</p> <p><i>Note: The design of these groundwater repressurisation activities must be informed by a regional-scale groundwater model and hydrochemical model approved by the Minister.</i></p>		
<b>Implementation of Stage 1 and Stage 2 CSG WMMP</b>			
53.	The proponent must implement the approved Stage 2 CSG WMMP, no later than 24 months from the date of the project approval.	Not Activated	Time frames are not triggered for Stage 2 CSG WMMP – due 2012.
54.	Three months before commencement of each subsequent major stage of the proponent's QCLNG Gas field development the proponent must submit a revised Stage 2 CSG WMMP for tile consideration of approval of the Minister including seeking the advice of an expert panel.	Not Activated	Time frames are not triggered for Stage 2 CSG WMMP – due 2012.
55.	The Coal Seam Gas Water Monitoring and Management Plan should be based on the proponent's planned staged development within the project area over the total life of the project consistent with approvals granted by the Queensland Government.	Noted	
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.	Noted	QCLNG Gas field development has not commenced as at 21 October 2011.
57.	The Stage 1 and Stage 2 CSG WMMP as approved by the Minister in writing acting on advice of an expert panel and in accordance with the timing requirements under these conditions must be implemented.	Noted	

Condition		Status	Statement of Compliance
<i>Revisions of Stage 1 and Stage 2 CSG WMMP</i>			
58.	Consistent with an adaptive management approach the Stage 2 CSG WMMP must be reviewed and updated for each new stage of QCLNG Gas field development: to take into account of major updates to the Regional Groundwater Model; and to address findings of Cumulative Impact Assessment Reports required by the Queensland Government and these conditions of this approval.	Noted	
59.	A reviewed and updated Stage 2 CSG WMMP must be submitted to the Minister for written approval. Commencement of each new stage of QCLNG Gas field development must not occur without approval. 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 the activity is undertaken. The approved CSG WMMP must be implemented for the relevant gas field area.	Noted	
60.	The Minister may, through a request in writing, require that the Stage 1 or Stage 2 CSG WMMP be revised or amended, which may include requirements for amendments to address independent expert advice. Any such request must be acted on within the timeframe specified.	Activated	Compliant - Request(s) have been received from the Minister's Advisory Panel for amendments to the Stage 1 CSG WMMP. Response was submitted as required on 14 October 2011 – awaiting advice.
<b>Regional groundwater model</b>			
61.	To avoid or minimise direct or indirect adverse impacts on MNES, the proponent must: <ul style="list-style-type: none"> <li>a) develop a regional scale, multi-layer, transient groundwater flow model of the cumulative effects of multiple CSG developments;</li> <li>b) develop and implement an adaptive management framework, applicable at both the project scale and regional-scale, that includes monitoring and mitigation approaches to assess and manage the impacts of CSG developments, which takes into account the groundwater model of cumulative impacts required under (a); and</li> <li>c) contribute data as requested over the life of the Project</li> </ul>	Activated	Compliant - GEN 1 Model developed to inform EIS.  GEN 2 Model (single phase MODFLOW model using uncertainty analysis) developed to support Stage 1 WMMP. Model also used to support QWC regional modelling activities.  GEN 3 Model (MODFLOW but modified to incorporate issues associated with dual phase flow) being developed to support Stage 2 WMMP for submission in April 2012. This model will be calibrated against all available data.

Condition		Status	Statement of Compliance
	to inform a Basin scale multi-layer, transient groundwater flow model of the cumulative effects of multiple CSG developments in the Surat and Bowen Basins.		
62.	<p>The model required under condition 61 (a) must:</p> <ul style="list-style-type: none"> <li>a) use the best hydrostratigraphic and hydrogeological information available at the time, to identify the likely cumulative impacts of multiple CSG developments across the Surat and Bowen Basins;</li> <li>b) detail all data relating to the hydraulic connectivity between aquifers and aquitards used to substantiate the model parameterisation;</li> <li>c) be calibrated against measured piezometer responses in areas where CSG development has commenced;</li> <li>d) in relation to the reporting of model outputs -' conform to the recommendations of the former Murray Darling Basin Commission Groundwater Modelling Guidelines;</li> <li>e) include:                             <ul style="list-style-type: none"> <li>i. water balances for the major aquifers affected by the CSG operations including the expected timeframe of any changes in water balance and pressure;</li> <li>ii. recharge versus extraction volumes for those aquifers;</li> <li>iii. details. of justification for and assumptions regarding aquifer seal integrity (i.e. thickness and distribution of aquitards);</li> <li>iv. quantification of hydraulic connectivity between different units (aquifers and aquitards) through drill stem and pump testing; and</li> <li>v. quantification of the impacts of reinjection and other groundwater re-pressurisation techniques on aquifer water balances.</li> </ul> </li> <li>f) provide for adaptive monitoring, through six-monthly reporting of monitoring results and new data, and annual</li> </ul>	Activated	Compliant - New geological model developed using all available QGC bore log data. Monitoring wells being installed and providing new Hydrogeological and hydrostratigraphic data. This information is being used to calibrate the groundwater model.

Condition		Status	Statement of Compliance
	updates of numerical simulation models and re-interpretation of results to relevant Queensland Government and Commonwealth agencies.		
63.	The model required under condition 61 (a) must be provided at the same time it is provided to fulfil requirements of the Queensland Government.	Activated	Compliant - Data provided to Queensland Water Commission for support in model development.
64.	The proponent must seek approval of the Department if the requirement for a model under condition 61 (a) is to be satisfied by the proponent's contribution to a regional groundwater model developed by the Queensland Water Commission (or its successor agency), as agreed between the proponent and the Commission.	Activated	Compliant - Letter sent to SEWPAC (April) and letter of approval obtained from SEWPAC (July 2011).
<b>Groundwater assessment, mitigation and monitoring</b>			
65.	<p>The proponent must provide to the Minister a copy of the groundwater assessment required under condition 9 (,Groundwater assessment, mitigation and monitoring'), Part 2, Appendix 2 of conditions imposed by the Queensland Coordinator-General in his report dated 24 June 2010. In addition, as part of a staged process of adaptive management of CSG development, the proponent must also provide the following in relation to subsidence:</p> <ul style="list-style-type: none"> <li>a) baseline and ongoing geodetic monitoring programs to quantify deformation at the land surface within the proponent's tenures. This should link from the tenement scale to the wider region across which groundwater extraction activities are occurring and any relevant regional program of monitoring;</li> <li>b) modelling to estimate the potential hydrological implications of the predicted surface and subsurface deformation; and</li> <li>c) measures for linking surface and sub-surface deformation arising from CSG activities.</li> </ul>	Activated	Compliant - Approval of Minister sought and obtained for Geodetic Model to be developed in cooperation with whole of industry using radar satellite imagery.
<b>Springs assessment, mitigation and monitoring</b>			
66.	When requested by the Department, the proponent must provide to the Department all geodetic monitoring data and related information from the program. This data must be provided within 30 days of request, or in a timeframe agreed to by the Department in writing.	Activated	Compliant - the program of work was developed and sent to SEWPAC (April 2011). Approval granted in correspondence dated 10 August 2011.

Condition		Status	Statement of Compliance
67.	Any program required under condition 65 must be submitted to the Minister for approval with a proposed implementation schedule. The approved program must be implemented in a timeframe specified by the Minister.	Activated	Compliant – see condition 65.
68.	<p>As a precautionary approach, the proponent must within 9 months of approval, or such other timeframe specified in writing by the Minister, survey for, reconfirm, and notify the Minister of the presence or absence of any springs proximal to the project area and within 100 kilometres of modelled limits of aquifer draw-down. The survey:</p> <ul style="list-style-type: none"> <li>a) must include the Dawson River 8 springs north of Taroom; the Cockatoo Creek springs east of Taroom; and the Scott's Creek springs northeast of Roma; and</li> <li>b) may with the written approval of the Minister comprise the proponent's contribution to a springs survey developed with input from the Department and undertaken by the Queensland Water Commission (or its successor agency).</li> </ul>	Activated	<p>Compliant – the Minister, in writing, has extended the timeframe to 30 November 2011.</p> <p>Queensland Water Authority (QWC) is undertaking this initial work with cooperation from Industry.</p> <p>QWC's role is to ensure sustainable water supplies for now and into the future.</p> <p>The scope of work includes these noted springs.</p>
69.	<p>If presence of <i>The community of native species dependant on natural discharge of groundwater from the Great Artesian Basin</i>, or listed threatened species that are reliant on springs, is confirmed by a survey under condition 68, then the proponent must (unless the proponent is not able to gain access to the spring, even with the assistance of relevant government agencies):</p> <ul style="list-style-type: none"> <li>a) for springs within the project area - within 1 month of survey completion protect the ecological community and/or listed threatened species from QCLNG Gas field development activities by establishing and maintaining a minimum 200 m employee/contractor exclusion zone from the relevant springs within the project area, unless such access is required in an emergency, for environmental management, or for monitoring purposes;</li> <li>b) within 12 months of the survey completion provide to the Minister a management plan for all the relevant springs which includes: <ul style="list-style-type: none"> <li>i. a specific monitoring and remediation program to protect</li> </ul> </li> </ul>	Not Activated	This work cannot begin until QWC's initial inventory and characterisation survey is received.

Condition		Status	Statement of Compliance
	<p>the ecological community and/or listed threatened species and to monitor and address cumulative impacts within the project area and within modelled limits of aquifer draw-down that may arise from CSG water extraction, including identifying trigger levels and responses in the case of changes to groundwater flow or quality in each relevant spring;</p> <ul style="list-style-type: none"> <li>ii. a baseline analysis of four 3-monthly samplings to determine the seasonal presence or absence of all relevant springs, and to establish: the existence, distribution and extent of listed threatened species; aquatic macro-invertebrates; aquatic plants; water quality characteristics; spring physical parameters including seasonal variation, depth, and flow rate; aquifer source including hydrochemical and isotopic analysis, and comparison of water levels with respect to source aquifer potentiometric surface;</li> <li>iii. ongoing monitoring on a 6 monthly basis (to cover high and low rainfall seasons) over the life of the project in the region relevant to each spring;</li> <li>iv. analysis and calibration of the monitoring results against the baseline data (collected under (ii) of this condition) as the CSG water and gas extraction occurs over the life of the project;</li> <li>v. threshold values (such as reporting or control line values for additional investigation, more intensive management actions, make good, and cease operations) at which management actions will be initiated to respond escalating levels of impact and designed to protect <i>The community of native species dependent on the natural discharge of groundwater from the Great Artesian Basin</i> and listed threatened species in the case of changes to groundwater pressure, flow, or water quality in GAB springs;</li> <li>vi. specific mechanisms to avoid, minimise, and manage risks, and response actions that can be taken by the</li> </ul>		

Condition		Status	Statement of Compliance
	proponent where: I. any threshold values for surface environmental values are exceeded; II. any threshold values for aquifer drawdown, water quality change, or aquifer contamination are exceeded; III. subsidence or surface deformation occurs, particularly if it impacts on surface or groundwater hydrology; and IV. any unforeseen emergency discharges occur; vii. established best practice standards, policies and guidelines; and viii. performance measures, reporting to the Department, and publication of reports on the internet.		
70.	Any management plan required under condition 69(b) must be submitted to the Minister for consideration of approval including seeking expert advice from an expert panel. The approved plan must be implemented within the timeframe specified by the Minister. The approved plan must be published on the internet within 20 business days of being approved by the Minister.	Noted	
71.	The results of the baseline analysis under condition 69(b) must be made available to the Queensland Water Commission as part of the proponents' obligations in respect of the regional groundwater model under condition 61.(a) and provided on request to the Department.	Noted	QWC is involved in this work and has access to this information.
<b>Notifications of threshold breaches and response actions</b>			
72.	Within 10 business days of the proponent identifying monitoring outcomes that indicate a risk of reduction in groundwater pressure or water quality, the proponent must notify the Minister in writing of the trend and the proponent's response action.	Noted	
73.	Within 10 days of a surface or groundwater threshold value (for example, water quality, environmental value, pressure, head, volume, or flow) being exceeded, the proponent must advise the Minister in writing of the circumstances, the threshold exceeded, the immediate action taken by the proponent, and proposed action to remedy the breach and avoid a subsequent breach.	Noted	
74.	Immediate action may include a range of measures including but not limited to further monitoring and investigation, the ceasing of water /	Noted	

Condition		Status	Statement of Compliance
	gas extraction and/or water discharge or use in the area affected, or such other measures as are appropriate, 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.		
75.	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.	Noted	
<b>Notifications and requirements about construction, operating, brine management and environmental management plans</b>			
76.	The proponent must notify the Department in writing when developing or reviewing construction, operational, groundwater, 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 proponent must in the notification 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.	Noted	No cumulative adverse impacts on MNES have been identified
77.	Where the scope of the plans 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.	Noted	Condition not triggered.
<b>Cumulative Impact Report</b>			
78.	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.	Noted	
79.	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	Noted	

Condition		Status	Statement of Compliance
	impacts on MNES: <ul style="list-style-type: none"> <li>a) cumulative impacts relating to all listed species and listed ecological communities within and outside project area, including <i>The community of native species dependant on natural discharge of groundwater from the Great Artesian Basin</i>;</li> <li>b) 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;</li> </ul>		
80.	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.	Noted	Time frames have not triggered requirement for a review of cumulative assessment on potential adverse impact on MNES.
<b>Decommissioning Plan</b>			
81.	Within five years of the commencement of QCLNG Gas field development, the proponent must develop a Decommissioning Plan. The Plan must: <ul style="list-style-type: none"> <li>a) require the progressive removal or reuse of infrastructure where gas field operations cease during the project life;</li> <li>b) establish management practices and safeguards to minimise environmental disturbance;</li> <li>c) ensure MNES are not impacted by progressive decommissioning, or final decommissioning of gas field infrastructure;</li> <li>d) define rehabilitation actions for the infrastructure sites following decommissioning including for:                             <ul style="list-style-type: none"> <li>i. optimising habitat and habitat connectivity for MNES;</li> <li>ii. enhancing pre-construction environmental quality;</li> </ul> </li> </ul>	Noted	

Condition		Status	Statement of Compliance
	<p style="text-align: center;">and iii. ongoing management during rehabilitation.</p>		
82.	The Decommissioning Plan must be submitted for the approval of the Minister. The approved Plan must be implemented.	Noted	
<b>Survey data</b>			
83.	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 days of request, or in a timeframe agreed to by the Department in writing.	Noted	
<b>Publication of Protocol and Plans</b>			
84.	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.	Noted	
85.	The Department may request the proponent to publish on the internet a plan in a specified location or format, and with specified accompanying text. The proponent must comply with any such request.	Noted	
<b>Notification of commencement</b>			
86.	Within 20 business days of the commencement of the action, the proponent must advise the Department in writing of the actual date of commencement.	Noted	QCLNG Gas field development has not commenced at 21 October 2011.
87.	If, at any time after five years from the date of this approval, the Minister notifies the proponent in writing that the Minister is not satisfied that there has been commencement of the action, the action must not commence without the written agreement of the Minister.	Noted	
88.	The proponent must notify the Department in writing of the proposed dates for each subsequent major stage of QCLNG Gas field development. at least 40 business days before their commencement, and within 20 business days notify actual commencement dates, and within 20 business days of any major variations to QCLNG Gas field development notify the variations.	Noted	

Condition		Status	Statement of Compliance
<b>Request for variation of plans by proponent</b>			
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.	Noted	
90.	If the Minister approves the revised plan, then that plan must be implemented instead of the plan originally approved.	Noted	
91.	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Noted	
<b>Revisions to plans by the Minister</b>			
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, specified 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 <i>Water Act 2007</i> .	Noted	
93.	If the Minister makes a request for revision to a plan, the proponent must: a) comply with that request; and b) submit the revised plan to the Minister for approval within the period specified in the request.	Noted	
94.	The proponent must implement the revised plan on approval of the Minister.	Noted	
95.	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Noted	
<b>Minimum timeframes for consideration of plans</b>			
96.	For any plan required to be approved by the Minister under these conditions, the proponent must ensure the Minister is provided at least 20 business days for review and consideration of the plan, unless otherwise agreed in writing between the proponent and the Minister.	Noted	
<b>Compliance with State environmental and other authorities</b>			
97.	The proponent must comply with all environmental authorisations issued by the State, including conditions of an environmental authority issued under the EP Act.	Noted	

Condition		Status	Statement of Compliance
<b>Provision of State plans</b>			
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"> <li>a) provide the plan to the Department or Minister on request, within the period specified in the request; and.</li> <li>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.</li> </ul>	Noted	
<b>Timeframes</b>			
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.	Noted	
<b>Auditing</b>			
100.	On the request of and within a period specified by the Department, the proponent must ensure that: <ul style="list-style-type: none"> <li>a) an independent audit of compliance with these conditions is conducted; and</li> <li>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.</li> </ul>	Noted  Noted	
101.	Before the audit begins, the following must be approved by the Department: <ul style="list-style-type: none"> <li>a) the independent auditor; and</li> <li>b) b. the audit criteria.</li> </ul>	Noted	
102.	The audit report must include: <ul style="list-style-type: none"> <li>a) the components of the project being audited;</li> <li>b) the conditions that were activated during the period covered by the audit;</li> <li>c) a compliance/non-compliance table;</li> <li>d) a description of the evidence to support audit findings of</li> </ul>	Noted	

Condition		Status	Statement of Compliance
	compliance or non-compliance; e) recommendations on any non-compliance or other matter to improve compliance; f) a response by the proponent to the recommendations in the report (or, if the proponent does not respond within 20 business days of a request to do so by the auditor, a statement by the auditor to that effect); g) certification by the independent auditor of the findings of the audit report.		
103.	The financial cost of the audit will be borne by the proponent.	Noted	
104.	The proponent must: a) implement any recommendations in the audit report, as directed in writing by the Department after consultation with the proponent; investigate any non-compliance identified in the audit report; and if non-compliance is identified in the audit report take action as soon as practicable to ensure compliance with these conditions,	Noted	
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: 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,	Noted	
<b>Reporting non-compliance</b>			
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; b) bring the matter into compliance within a reasonable time	Noted	Compliant – no issues of non-compliance are identified.

Condition		Status	Statement of Compliance
	frame specified in writing by the Department		
<b>Record-keeping</b>			
107.	The proponent must: a) maintain accurate records substantiating all activities associated with or relevant to these conditions of approval, including measures taken to implement a plan approved under these conditions; and	Noted	Compliant - All records are kept in accordance with the conditions of the approval.
	b) Make those records available on request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with these conditions,	Noted	No requests for records associated with approved conditions have been received
<b>Financial assurance</b>			
108.	The proponent must: 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	Noted	As at 21 October 2011, QGC has provided a financial assurance to DERM of \$170,089,026.00.
	b) Review and maintain the amount of financial assurance based on proponent reporting on compliance with these conditions, and any auditing of the activities.	Noted	
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.	Noted	
<b>Annual Environmental Return</b>			
110.	The proponent must produce an Annual Environmental Return which: a) Addresses compliance with these conditions;	Activated	Compliant – Annual Return completed, compliance addressed
	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;	Activated	Compliant – No unavoidable adverse impact on MNES have been identified
	c) Identifies all non-compliances with these conditions; and	Activated	Compliant – no non-compliance issues are identified.

Condition		Status	Statement of Compliance
	d) Identifies any amendments needed to plans to achieve compliance with these conditions.	Activated	Compliant – no amendments to plans are required to meet this condition.
111.	The proponent must publish the Annual Environmental Return on the Internet within 20 business days of each anniversary date of this approval.	Activated	Compliant – Annual Environmental Return will be published within 20 business days of the anniversary date of the EPBC Approval
<b>Dictionary</b>			
112	<p>In these conditions, unless otherwise indicated:</p> <p><b>Brigalow</b> means for the purposes of the application of. the Constraints Planning and Field Development Protocol the presence of the Brigalow (<i>Acacia harpophy/Ja</i> dominant and cO-dominant) ecological community includes Brigalow regrowth that retains the species composition and structural elements typical of that found in the undisturbed listed regional ecosystems but does not include: a. vegetation that has been comprehensively cleared (not just thinned) within the last 15 years; b. vegetation in which exotic perennial plants have more than 50% cover, assessed in a minimum area of 0.5 ha (100 m by 50m); and 33 c. individual patches of Brigalow that are smaller than 0.5 ha;</p> <p><b>Clearance of native vegetation</b> means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ring barking, uprooting or burning. of native vegetation; .</p> <p><b>Commencement</b> means any physical disturbance including clearance of . native vegetation, new road work, and the establishment of well sites to develop the gas field project area (the project area is specified in condition 1). Commencement does not include minor physical disturbance necessary to undertake preclearance surveys to establish monitoring programs; or associated with the mobilisation of the plant, equipment, materials, machinery and personnel prior to the start of QCLNG Gas field development.</p> <p><b>Conditions</b> means these conditions attached to the approval of the</p>		

Condition		Status	Statement of Compliance
	<p>action;</p> <p><b>CSG</b> means coal seam gas;</p> <p><b>Department</b> means the Australian Government department responsible for administering Part 4 of the EPBC Act;</p> <p><b>Environmental constraints class Zone 4a</b> means habitat for listed threatened species and migratory species and listed ecological communities as described in management plans "for these matters" and as identified through ecological field surveys. It includes matters for which there is a disturbance limit specified in Tables 2 and 3 under condition 25. For the purposes of these conditions, environmental constraints class Zone 4a it does not include other constraints identified by the proponent unless these relate to MNES;</p> <p><b>Expert panel</b> means an expert panel appointed by the Minister;</p> <p><b>EP Act</b> means <i>Environmental Protection Act 1994 (Qld)</i>;</p> <p><b>EPBC Act</b> means the Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i>;</p> <p><b>QCLNG Gas field development</b> means all activities associated with the development of the gas fields including (but not limited to) site clearance and site preparation; development of exploration and production wells; development of water and gas transmission pipelines; infrastructure access road construction; construction of workers accommodation and office facilities; construction of gas compression stations; construction of pumping stations; construction of water treatment facilities; and construction of water storage dams;</p> <p><b>High value regrowth</b> for the purposes of these conditions means mature native vegetation that hasn't been cleared since 31 December 1989.</p>		

Condition		Status	Statement of Compliance
	<p><b>Impact risk zone</b> means the area within 200 metres from the perimeter of class Zone 4A;</p> <p><b>Linear infrastructure</b> means linear infrastructure including (but not limited to) gas and water gathering lines, low and high pressure gas and water pipelines, roads and tracks, power lines and other service lines;</p> <p><b>Listed</b> means those species, ecological communities or other identified matters of environmental significance listed for protection under Part 3 of the EPBC Act;</p> <p><b>Minister</b> means the Minister responsible for Chapter 4 of the EPBC Act, and may include a delegate of the Minister under s.133 of the EPBC Act;</p> <p><b>MNES</b> means matters of national environmental significance, being the relevant matters protected under Part 3 of the EPBC Act;</p> <p><b>No impact zone</b> means the area within 300 metres from the perimeter of class Zone4A;</p> <p><b>Non-linear infrastructure</b> means infrastructure including (but not limited to) exploration and production wells, compressor stations, regulated dams, reverse osmosis plants, brine encapsulation facilities, workers camps, and maintenance facilities;</p> <p><b>Plan</b> includes a report, study, protocol, program, or strategy (however described);</p> <p><b>Production</b> means extraction of coal seam gas or associated water other than for exploration purposes;</p> <p><b>Proponent</b> means the holder of the approval to which these conditions relate, and includes any person acting on behalf of the proponent;</p>		

Condition		Status	Statement of Compliance
	<p><b>Referral</b> means a referral under the EPBC Act including any amendment of the referral.</p> <p><b>Regulatory agency</b> means agencies administering the EPBC Act and the EP Act (Old);</p> <p><b>Remnant vegetation</b> for the purposes of these conditions means vegetation that can meet the following:</p> <ol style="list-style-type: none"> <li>a. 50% of the predominant canopy cover that would exist if the vegetation community were undisturbed; and</li> <li>b. 70% of the height of the predominant canopy that would exist if the vegetation community were undisturbed; and</li> <li>c. Composed of the same floristic species that would exist if the vegetation community were undisturbed.</li> </ol> <p><b>Trunkline rights of way</b> means the linear construction footprint required to install gas and water trunklines, underground 33 kV power lines, above ground 33 kV power lines, fibre optic cable and gas and water gathering lines. Trunkline rights of way may contain between one and ten gas and water trunklines, between one and ten power lines, between one and ten fibre optic cables and between one and up to twelve gathering lines running in parallel;</p> <p><b>Upstream Infrastructure Corridor (UIC)</b> is a linear corridor linking the Ruby CPP, Jordan CPP, Kenya WTP, Bellevue CPP and the Condamine Power Station. The UIC will contain multiple linear infrastructure items running in parallel, including gas trunklines, water trunklines, gas gathering lines, water gathering line, water distribution pipelines, above ground 132 kV power lines, above ground 33 kV power lines, below ground 33 kV power lines and fibre optic cable. The UIC and the infrastructure to be contained within the UIC along various sections of the UIC are shown in Figure 2 to these</p>		

Condition		Status	Statement of Compliance
	<p>conditions;</p> <p><b>Water distribution pipelines</b> means pipeline used to transfer raw or treated water to a user of that water or to transfer brine between facilities that manage brine;</p> <p><b>Water gathering lines</b> means pipelines used to transfer water between wells and regional storage ponds (RSPs);</p> <p><b>Water trunklines</b> means pipelines used to transfer water between regional storage ponds and water treatment plants.</p>		
113	<p>Unless otherwise indicated, words in these conditions have the same meaning as in (in the following order of priority):</p> <ol style="list-style-type: none"> <li>a. the EPBC Act; and</li> <li>b. the EP Act</li> </ol>		
114	<p>Unless the contrary is indicated, in these conditions:</p> <ol style="list-style-type: none"> <li>a) a.. words in the singular number include the plural and weirds in the plural number include the singular; and</li> <li>b) condition headings are inserted for convenient reference only and have no effect in limiting or extending the language of the condition to which they refer.</li> </ol>		

**CONDITION 106 – NON-COMPLIANCE**

<b>NON-COMPLIANCE ACTIVITY</b>	<b>NOTIFICATION</b>	<b>ACTION TAKEN</b>
Condition 47 - modelled groundwater drawdown contour data and contour plots for each targeted aquifer	Provision of material outside of required 20 business days	No further action required

**CONDITION 110(b) – Unavoidable Adverse Impacts on MNES**

<b>Unavoidable impacts</b>	<b>NOTIFICATION</b>	<b>ACTION TAKEN</b>
No unavoidable adverse impact on MNES identified	No notifications made	No action required