



## **Annual Return – EPBC 2008/4399** **Queensland Curtis LNG Pipeline**

Rev 1

November 2013

**QUEENSLAND CURTIS LNG**

## DOCUMENT INFORMATION SHEET

**TITLE:** Annual Return – EPBC 2008/4399 – Pipeline

### PURPOSE AND SCOPE:

The Minister for Sustainability Environment, Water, Population and Communities (**the Minister**) approved action relating to the Queensland Curtis LNG Project on 22 October 2010. Under EPBC approval 2008/4399 (**the Approval**), QGC is required to submit an Annual Return addressing compliance with the conditions of the approval. The Annual Return must be published on the QGC website within 20 calendar days of the anniversary date of the approval.

This document is QGC's Annual return for referral approval, EPBC 2008/4399 – pipeline network component for the period from 22 October 2012 to 21 October 2013 (**the Reporting Period**).

Condition 62 of the approval requires that the Annual Return:

- 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 these requirements.

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## 1.0 BACKGROUND

### 1.1 The QCLNG Project

The Queensland Curtis Liquefied Natural Gas Project, commonly known as the QCLNG Project, is one of Australia's largest capital infrastructure projects, which will turn coal seam gas into liquefied natural gas (LNG) for export. This major, integrated project involves:

- Expanding QGC's existing coal seam gas production in the Surat Basin of southern Queensland;
- Building a 540km buried natural gas pipeline network linking the gas fields to Gladstone; and
- Constructing a natural gas liquefaction plant on Curtis Island, near Gladstone, where the gas will be converted to LNG for export.

### 1.2 Regulatory Environment

The QCLNG Project is regulated at the state and federal government level. Queensland's Coordinator General granted approval for the project on 26 June 2010 and the then Commonwealth Minister for Sustainability, Environment, Water, Population and Communities (**the Minister**) granted approval for the project on 22 October 2010.

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 imposed conditions on the project that QGC is required to meet during construction and operation. The report contains over 1000 conditions governing the project relating to:

- The transport of plant, equipment, materials and people;
- Social impacts including affordable housing and job creation; and
- Gas field, pipeline and LNG construction and operation;

Following receipt of the Co-ordinator-General's decision, the Minister approved all five referrals made by QGC under the *Environmental Protection and Biodiversity Conservation Act 1999 (EPBC Act)*. The QCLNG project now operates under the following five approvals:

- 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 – Pipeline Network Component
- Referral Approval, EPBC 2008/4405 – Shipping Activities
- Referral Approval, EPBC 2008/4401 – Marine Facilities Components

It is a requirement of each of these approvals that QGC complete an Annual Return. The Annual Return must report on compliance with the conditions contained in each approval and must be published on the QGC website.

This document is QGC's Annual return for referral approval, EPBC 2008/4399 – pipeline network component for the period from 22 October 2012 to 21 October 2013 (**the Reporting Period**).

### 1.3 Project Activities During the Reporting Period

The QCLNG pipeline comprises three components:

- the gas collection header, collecting gas from the QCLNG gas fields near Woleebee Creek and south-west of Dalby through to Wandoan;
- the export pipeline taking the gas from the gas collection header east of Wandoan through the the Narrows; and
- the Narrows crossing pipeline crossing from the mainland near Gladstone to the liquefaction plant on Curtis Island.

During this reporting period the entire 540km pipeline network was laid in the ground. The pipeline comprises about 200km from Dalby to Wandoan and more than 340km from the gas fields to Curtis Island.

### 2.0 CONCLUSION

In compiling this annual return, QGC has not identified any new instances of non-compliance with the conditions of EPBC approval 2008/4399. Appendix A to this report provides details of compliance with each of the approval conditions and, Table 1 provides details of the non-compliance with conditions of the Approval reported throughout the Reporting Period.

**APPENDIX A – QCLNG PIPELINE – EPBC 2008/4399 – ASSESSMENT OF COMPLIANCE  
WITH CONDITIONS**

Condition		Status	Statement of Compliance
<b>Project Area</b>			
1.	The pipeline route and Right Of Way (ROW) is depicted in the map at Attachment 1.	Activated	Compliant – the pipeline route and Right of Way (ROW) are in compliance with the relevant map.
<b>Environmental Management Plan (excluding the Narrows)</b>			
2.	The proponent must prepare an Environmental Management Plan (EMP) to manage the impacts of construction, operation and decommissioning of the pipeline (other than in relation to the Narrows) on listed threatened species and ecological communities, listed migratory species and values of the World and National Heritage-listed Great Barrier Reef.	Activated	Compliant – the following management plans have been prepared in accordance with this condition. <ol style="list-style-type: none"> <li>1. Framework Environmental Management Plan (FEMP) – QCLNG Gas Collection Header and Export Pipeline, Rev 2, dated December 2011 (QCLNG-BG00-ENV-PLN-000007);</li> <li>2. QCLNG Export Pipeline from Miles to MLV7- Environment Management Pan, Rev 4, dated December 2011 (QCLNG-BG00-ENV-PLN-000003).</li> <li>3. Gas Collection Header Pipeline Environmental Management Plan (EP EMP), Rev 3 dated December 2011 (QCLNG-BG00-ENV-PLN-000002) and;</li> <li>4. Significant Species Management Plan for QCLNG Pipeline (SSMP), Rev 3, dated 29 August 2013 (QCLNG- BG00-ENV-RPT-000002).</li> </ol>
3.	The Environmental Management Plan must include <ol style="list-style-type: none"> <li>a) provisions for detailed pre-clearance surveys by a suitably qualified ecologist along the entire length of the ROW, in accordance with conditions 5 to 10;</li> <li>b) measures to minimise native and riparian vegetation clearance and to minimise the impact on listed species, their habitat and ecological communities in accordance with management plans required for MNES under this approval;</li> <li>c) measures to manage the impact of clearing on each listed species and ecological community in accordance</li> </ol>	Activated	Compliant – The management plans referred to in condition 2 include the requirements set out in this condition.

Condition		Status	Statement of Compliance
	<p>with management plans required for MNES under this approval;</p> <p>d) measures to regenerate vegetation on the ROW where natural regeneration is not successful to a condition at least equivalent to the ROW condition prior to commencement;</p> <p>e) measures to minimise impacts on fauna during pipeline construction, including</p> <ul style="list-style-type: none"> <li>i. measures to protect MNES in the areas of the ROW where trenching is being undertaken, including measures to exclude listed terrestrial fauna from gaining access to those areas of the ROW where trenching is being undertaken;</li> <li>ii. mechanisms to allow fauna to escape from the pipeline trench;</li> <li>iii. daily morning surveys for trapped fauna;</li> <li>iv. mechanisms for a suitably qualified person to relocate fauna; and</li> <li>v. record keeping for all survey, removal and relocation activities.</li> </ul> <p>f) machinery wash down procedures and ongoing monitoring to minimise the spread and establishment of weeds in the ROW. Monitoring of weed infestations within disturbed areas must occur at least monthly during construction and then quarterly for a period of two years after completion of construction. Appropriate weed control measures must be implemented. After the two-year period, the frequency of monitoring must be reconsidered by the proponent, based on the success of control measures, the level of infestations and pipeline maintenance activities</p> <p>g) measures to manage and control feral animals that may spread due to the establishment of the ROW</p> <p>h) measures for the management of ignition sources during construction, maintenance and decommissioning of the</p>		

Condition		Status	Statement of Compliance
	pipeline to protect habitat values from wild fire i) measures for the management of acid sulphate soils		
4.	The Environmental Management Plan must be submitted for the approval of the Minister. Commencement must not occur without approval (except for activities critical to commencement and associated with mobilisation of plant, equipment, materials, machinery and personnel prior to start of pipeline construction which will have no adverse impact on MNES). The approved plan must be implemented.	Activated	Compliant – the components of the Environmental Management Plan were submitted to the Minister for approval on 17 May 2011. The plans were approved by the Minister on 3 June 2011.  While approving the plans, the Minister identified improvements and recommended that the documents be revised.  The following documents, which address the Minister’s recommendations, were re-submitted to the Minister on 19 January 2012: <ol style="list-style-type: none"> <li>1. Framework Environmental Management Plan (FEMP), dated December 2011;</li> <li>2. Gas Collection Header Environmental Management Plan (GCH EMP), dated December 2011.</li> <li>3. Export Pipeline Environmental Management Plan (EP EMP), dated December 2011 and;</li> <li>4. Significant Species Management Plan for QCLNG Pipeline (SSMP), dated January 2012.</li> </ol> On 29 August 2013, QGC submitted a new version of Significant Species Management Plan for QCLNG Pipeline. The plan was approved on 30 August 2013.
<i>Pre-clearance surveys</i>			
5.	Before the clearance of native vegetation in the pipeline ROW, the proponent must: <ol style="list-style-type: none"> <li>a) undertake pre-clearance surveys for the presence of listed threatened species and migratory species, their habitat and listed ecological communities: and</li> <li>b) alternatively, where recent surveys have already</li> </ol>	Activated	Compliant – QGC undertook the following pre-clearance surveys: <ul style="list-style-type: none"> <li>• Pre-clearing Ecological Survey Report - QCLNG Export Pipeline and Gas Collection Header, undertaken between May and August 2010 and published on 6 April 2011.</li> <li>• Pre-clearing Ecological Survey Report – QCLNG Camps 1, 2</li> </ul>

Condition		Status	Statement of Compliance
	<p>been undertaken and those surveys meet the Department's requirements for surveys for the relevant MNES, the proponent may elect to develop management plans based on those surveys in accordance with the requirements of condition 8.</p>		<p>and Aldoga Laydown, undertaken between November 2010 and April 2011 and published on 5 May 2011.</p> <ul style="list-style-type: none"> <li>• Pre-clearing Ecological Survey Report – QCLNG Camps 3, 4 and 5, undertaken between September and November 2010 and published on 5 May 2011.</li> <li>• Pre-clearing Ecological Survey Report - QCLNG The Narrows Crossing, undertaken between May and June 2011 and published on 29 August 2011.</li> </ul> <p>A significant Species Management Plan has also been developed in accordance with condition 8.</p>
<p>6.</p>	<p>Pre-clearance surveys must :</p> <ol style="list-style-type: none"> <li>a) for each listed species, be 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/guidelines-policies.html#threatened">http://www.environment.gov.au/epbc/guidelines-policies.html#threatened</a>;</li> <li>b) be undertaken by a suitably qualified ecologist approved by the Department in writing;</li> <li>c) document the survey methodology results and significant findings in relation to MNES; and</li> <li>d) apply best practice site assessment and ecological survey methods appropriate for each listed threatened species, migratory species, their habitat and listed ecological communities</li> </ol>	<p>Activated</p>	<p>Compliant – All pre-clearance surveys were conducted in accordance with this approval and the Department's survey guidelines in effect at the time of the survey.</p> <p>The surveys were conducted by suitably qualified ecologists, approved in writing by the Minister.</p>
<p>7.</p>	<p>Pre-clearance survey reports (which document the methods used and the results obtained) must be published by the proponent and provided to the Department at the time of publication.</p>	<p>Activated</p>	<p>Compliant – the pre-clearance surveys listed at point 5 are published on QGC's website at:</p> <p><a href="http://www.qgc.com.au/environment/environment-management/pre-clearance-surveys/pipeline.aspx">http://www.qgc.com.au/environment/environment-management/pre-clearance-surveys/pipeline.aspx</a></p> <p>The dates of publication and associated submission to the Department are provided at point 5.</p>

Condition		Status	Statement of Compliance
8.	<p>If a listed threatened species or migratory species or their habitat, or a listed ecological community is encountered during the surveys undertaken as required by condition 5 and is not specified in the Table 1 or 2 at condition 11 and 12, the proponent must submit a separate management plan for each species or ecological community to manage the unexpected impacts on clearing. In relation to each listed species or ecological community, each plan must address:</p> <ul style="list-style-type: none"> <li>a) the relevant characteristics describing each ecological community;</li> <li>b) a map of the location of species, species' habitat, ecological community in proximity to the ROW;</li> <li>c) measures that will be employed to avoid impact on the species, species' habitat, or ecological community;</li> <li>d) a quantification of the unavoidable impact (in hectares and/or individual specimens);</li> <li>e) where impacts are unavoidable and a disturbance limit is not specified for the listed species or ecological community under condition 11, propose offsets to compensate for the impact on the population of the species' habitat, or the ecological community;</li> <li>f) current legal status (under the EPBC Act)</li> <li>g) known distribution</li> </ul> <p>For listed species, each plan must also include:</p> <ul style="list-style-type: none"> <li>a) known species' populations and their relationships within the region;</li> <li>b) biology and reproduction</li> <li>c) preferred habitat and microhabitat including associations with geology, soils, landscape features and associations with other native fauna and/or flora or ecological communities;</li> <li>d) anticipated threats to MNES from pipeline construction, operation and decommissioning;</li> </ul>	Activated	<p>Compliant – Pre clearance surveys were undertaken in 2010 and 2011 along the entire Pipeline RoW and at the associated camp and pipe laydown areas as well as the Narrows Crossing.</p> <p>A precautionary approach was taken with regards to the selection of threatened and near threatened flora and fauna species to be included in the SSMP. This approach ensures that a SSMP has been prepared for all species which may be potentially encountered during works.</p>

Condition		Status	Statement of Compliance
	e) management practices and methods to minimise impacts, such as: <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 impact zones;</li> <li>iii. re-establishment of native vegetation in linear infrastructure corridors;</li> <li>iv. handling practices for flora specimens;</li> <li>v. translocation and/or propagation practices and monitoring for translocation/propagation success;</li> <li>vi. monitoring methods including for rehabilitation success and recovery; and</li> </ul> f) reference to 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 plan required under condition 8 must be submitted for the approval of the Minister. Commencement in the location covered by the management plan must not occur without approval. Each approved plan must be implemented.	Not activated	Compliant – plans relevant to each species are included in the Significant Species Management Plan available on QGC's website.
10.	If, during construction, a listed threatened species or migratory species or their habitat, or a listed ecological community is encountered and is not specified in the table at condition 11 or 12, the proponent must submit a separate management plan for each species or ecological community in accordance with condition 8 within 20 business days of encountering that MNES. Work must not continue at the construction site where the MNES is encountered until the relevant management plan has been approved.	Activated	Compliant – No listed threatened species, migratory species or their habitat or a listed ecological community not specified in the table at condition 11 or 12 has been identified during the reporting period.
<b>Disturbance Limits</b>			
11.	The following maximum disturbance limits apply to any disturbances authorised for unavoidable impacts on listed	Activated	Compliant –

Condition		Status	Statement of Compliance																					
	<p>threatened communities and potential habitat for listed threatened species or migratory species as a result of the construction, operation and decommissioning of the pipeline (and all associated activities ).</p> <table border="1" data-bbox="338 512 1061 1091"> <thead> <tr> <th colspan="3" data-bbox="338 512 1061 571">Table 1: EPBC - listed threatened ecological communities</th> </tr> <tr> <th data-bbox="338 571 663 635">Ecological community</th> <th data-bbox="663 571 837 635">EPBC status</th> <th data-bbox="837 571 1061 635">Disturbance limit (ha)</th> </tr> </thead> <tbody> <tr> <td data-bbox="338 635 663 730">Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)</td> <td data-bbox="663 635 837 730">Endangered</td> <td data-bbox="837 635 1061 730">14.42</td> </tr> <tr> <td data-bbox="338 730 663 890">Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions</td> <td data-bbox="663 730 837 890">Endangered</td> <td data-bbox="837 730 1061 890">2.47</td> </tr> <tr> <th data-bbox="338 890 663 979">Species</th> <th data-bbox="663 890 837 979">EPBC status</th> <th data-bbox="837 890 1061 979">Disturbance limit (ha)</th> </tr> <tr> <td data-bbox="338 979 663 1043"><i>Cycas megacarpa</i> (Large-fruited Zamia)</td> <td data-bbox="663 979 837 1043">Endangered</td> <td data-bbox="837 979 1061 1043">3</td> </tr> <tr> <td data-bbox="338 1043 663 1091"><i>Philothea Sporadica</i></td> <td data-bbox="663 1043 837 1091">Vulnerable</td> <td data-bbox="837 1043 1061 1091">5</td> </tr> </tbody> </table>	Table 1: EPBC - listed threatened ecological communities			Ecological community	EPBC status	Disturbance limit (ha)	Brigalow ( <i>Acacia harpophylla</i> dominant and co-dominant)	Endangered	14.42	Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	Endangered	2.47	Species	EPBC status	Disturbance limit (ha)	<i>Cycas megacarpa</i> (Large-fruited Zamia)	Endangered	3	<i>Philothea Sporadica</i>	Vulnerable	5		<p>Brigalow <i>Acacia harpophylla</i> dominant and co-dominant: clearing of this ecological community has not exceeded the disturbance limit.</p> <p>Semi Evergreen Vine Thicket: the pre-clearing ecological survey report found no evidence of semi-evergreen vine thickets (<b>SEVT</b>) of the relevant regions. As such no clearing of SEVT has occurred.</p> <p><i>Cycas megacarpa</i> has been cleared from the pipeline Right of Way in accordance with the <i>Cycas Megacarpa</i> Translocation Management Plan. This plan was approved by the Minister on 6 September 2011 and all disturbance has been contained within the disturbance limits. A copy of the management plan is available on the QGC website.</p> <p>Philothea: Disturbance is contained within the limits in accordance with the approved <i>Philothea Sporadica</i> SSMP which is included in the Significant Species Management Plan.</p>
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Ecological community	EPBC status	Disturbance limit (ha)																						
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<i>Cycas megacarpa</i> (Large-fruited Zamia)	Endangered	3																						
<i>Philothea Sporadica</i>	Vulnerable	5																						
12.	<p>The proponent must prepare a management plan for each species in the table below. Each plan must be prepared in accordance with the requirements of condition 8.</p> <table border="1" data-bbox="338 1251 1061 1437"> <thead> <tr> <th colspan="3" data-bbox="338 1251 1061 1310">Table 2: Species management plans required before commencement</th> </tr> <tr> <th data-bbox="338 1310 853 1369">Listed species</th> <th data-bbox="853 1310 1061 1369">EPBC Status</th> <th data-bbox="1061 1310 1061 1369">Act</th> </tr> </thead> <tbody> <tr> <td data-bbox="338 1369 853 1406"><i>Cadellia pentasyfis</i> (Ooline)</td> <td data-bbox="853 1369 1061 1406">Vulnerable</td> <td data-bbox="1061 1369 1061 1406"></td> </tr> <tr> <td data-bbox="338 1406 853 1437"><i>Parade/ma orientalis</i> (Brigalow Scaly-</td> <td data-bbox="853 1406 1061 1437">Vulnerable</td> <td data-bbox="1061 1406 1061 1437"></td> </tr> </tbody> </table>	Table 2: Species management plans required before commencement			Listed species	EPBC Status	Act	<i>Cadellia pentasyfis</i> (Ooline)	Vulnerable		<i>Parade/ma orientalis</i> (Brigalow Scaly-	Vulnerable		Activated	<p>Compliant – The pipeline Significant Species Management Plan for the Gas Collection Header and Export Pipeline was updated during the Reporting Period. The new revision was submitted to the Minister on 29 August 2013 and approved on 30 August 2013. The plan is available on QGC’s website.</p> <p>The Significant Species Management Plan (SSMP) – Narrows Crossing Project was submitted to the Minister on 27 July 2011. Following comments, new versions of the plan were submitted on 21 September 2011 and 18 October 2012. Approval was obtained on</p>									
Table 2: Species management plans required before commencement																								
Listed species	EPBC Status	Act																						
<i>Cadellia pentasyfis</i> (Ooline)	Vulnerable																							
<i>Parade/ma orientalis</i> (Brigalow Scaly-	Vulnerable																							

Condition		Status	Statement of Compliance
<p>foot)</p>	<i>Furina dunmalli</i> (Dunmall's Snake)	Vulnerable	<p>19 October 2011.</p> <p>The approved management plans address the requirements of this condition.</p>
	<i>Egernia rugosa</i> (Yakka Skink)	Vulnerable	
	<i>Geophaps scripta scripta</i> (Squatter pigeon - southern)	Vulnerable	
	<i>Nyctophi/us timoriensis</i> (Eastern Long-eared Bat)	Vulnerable	
	<i>Chalinobolus dwyeri</i> (Large-eared Pied Bat)	Vulnerable	
	<i>Xeromys myoides</i> (Water Mouse)	Vulnerable	
	<p><i>Note: The intent of the table above is to prepare management plans for those species that are likely to be encountered along the ROW and where a disturbance limit has not been quantified. To the extent that the requirements of condition 8 are satisfied for e'ach species, a single Species Management Plan may be prepared for this purpose.</i></p>		

Condition		Status	Statement of Compliance
13.	Each management plan must be submitted for the approval of the Minister. Commencement must not occur without approval. Commencement in the location covered by the management plan must not occur without approval. Each approved plan must be implemented.	Activated	<p>Compliant – the components of the Environmental Management Plan were submitted to the Minister for approval on 17 May 2011. The plans were approved by the Minister on 3 June 2011.</p> <p>While approving the plans, the Minister identified a range of improvements and recommended that the documents be revised.</p> <p>The following documents, which address the Minister’s recommendations, were re-submitted to the Minister on 19 January 2012:</p> <ol style="list-style-type: none"> <li>1. Framework Environmental Management Plan (FEMP), dated December 2011;</li> <li>2. Gas Collection Header Environmental Management Plan (GCH EMP), dated December 2011.</li> <li>3. Export Pipeline Environmental Management Plan (EP EMP), dated December 2011 and;</li> <li>4. Significant Species Management Plan for QCLNG Pipeline (SSMP). On 29 August 2013 QGC submitted a new version of the Significant Species Management Plan for QCLNG Pipeline (SSMP). The plan was approved on 30 August 2013 and is available on QGC’s website.</li> </ol>
14.	Disturbance of vegetation related to the construction and maintenance of the pipeline must be confined to the ROW. Any proposed siting of the construction camps, vehicle access tracks and pipe lay-down areas outside the ROW during construction must be undertaken so as to minimise potential adverse impacts on MNES and must comply with conditions 5 to 13.	Activated	Compliant – disturbance of vegetation related to the construction of the pipeline has been confined to the Right of Way. All works under this approval have been carried out in accordance with conditions 5 to 13 and so as to minimise potential adverse impacts on MNES.
<p><b>Offsets</b></p> <p><i>Plan to secure offsets</i></p>			

Condition	Status	Statement of Compliance
<p><b>15.</b> Within 12 months of the commencement of pipeline development the proponent must prepare an Offset Plan to provide an offset area for the approved disturbance limits relating to <i>Philothea sporadica</i> and Semi evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions (SEVT) within the project area. The offset area to be secured must be an area of private land which includes at least:</p> <p>a. 40 ha of <i>Philothea sporadica</i> habitat; and            b. 19.76 ha of Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions</p> <p><i>Note: Offsetting requirements for this approval can be accommodated as part of a single offset plan addressing the requirements of this approval and those required by EPBC 2008/4398</i></p>	Activated	<p>Compliant – the offset plan was submitted for approval within the required timeframe.</p> <p>Approval of the offset plan as it relates to the Narrows Crossing component of the pipeline was approved by the Minister on 27 September 2013.</p> <p>QGC is continuing to work with the state and federal governments to finalise the offset plan for the remaining elements of the pipeline.</p>
<p><b>16.</b> The Offset Plan must include details of the offset area including: the timing and arrangements for property acquisition, 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.</p>	Activated	Compliant - refer to condition 15.
<p><b>17.</b> The Offset Plan must be submitted for the approval of the Minister within 12 months of the commencement of gas field development. The approved Offset Plan must be implemented within 30 business days of approval.</p>	Activated	Compliant – the offset plan was submitted for approval within the required timeframe.
<p><b>18.</b> 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 Plan. The alternative Offset Plan must provide at least an equivalent environmental outcome to those specified under condition</p>	Not activated	Noted.

Condition		Status	Statement of Compliance
	15. The approved alternative Offset Plan must be implemented.		
19.	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.	Not activated	Noted.
20.	The proponent must secure the offset within 2 years of commencement.	Activated	Compliant - refer to condition 15.
<i>Offset Area management</i>			
21.	<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) measures to manage the offset area to improve the condition of the MNES specified at condition 15 within the offset area and to increase the areal extent of MNES specified at condition 15 within the offset area as objectives of the program</li> </ul>	Not activated	Compliant - refer to condition 15.

Condition		Status	Statement of Compliance
	e) monitoring, including the undertaking of ecological surveys to assess the success of the management measures against identified milestones and objectives f) 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.		
22.	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	Not activated	Compliant - refer to condition 15.
<b><i>Cycas megacarpa</i></b>			
23.	To offset unavoidable impacts to <i>Cycas megacarpa</i> from all activities associated with this approval, the proponent must: <ul style="list-style-type: none"> <li>a) within 12 months of the date of this approval, secure an area of at least 18ha as an offset for receiving no less than 1104 translocated and/or propagated individuals</li> <li>b) identify alternative recruitment methods if it is considered unlikely that translocation and propagation will be successful;</li> <li>c) 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;</li> <li>d) demonstrate that the measures for securing and</li> </ul>	Activated	Compliant – QGC has elected to develop a single offset management plan to meet all offset management plan requirements and is working with both state and federal government agencies to determine appropriate sites for these offsets.

Condition		Status	Statement of Compliance
	managing the offset will ensure that the offset is protected in perpetuity.		
<b><i>Cycas megacarpa Management Plan</i></b>			
24.	The proponent must prepare a <i>Cycas megacarpa</i> Management Plan in consultation with an expert approved by the Department in writing.	Activated	Compliant – the Translocation and Management Plan for <i>Cycas Megacarpa</i> , was submitted to the Minister on 18 August 2011 and was approved on 6 September 2011.
25.	<p>The <i>Cycas megacarpa</i> Management Plan must include:</p> <ul style="list-style-type: none"> <li>a) measures to ensure all <i>Cycas megacarpa</i> within the ROW are avoided using, for example suitable trench less technique(s) as necessary or, if avoidance is not possible, individual plants must be removed and kept offsite and replanted in the same location, or alternatively translocated. Where it can be demonstrated that removal and translocation of individuals is unlikely to succeed, translocation may be substituted by establishing propagated individuals;</li> <li>b) measures to propagate and plant <i>Cycas megacarpa</i> individuals removed or impacted by construction activities to maintain a population of no less than 1104 individuals within the offset site required by condition 23(a);</li> <li>c) a detailed methodology for translocation, propagation and planting, including map of the location of the offset site;</li> <li>d) details of funding required to secure, maintain and enhance the values of the offset site in perpetuity;</li> <li>e) details of a suitably qualified person to undertake translocation, propagation and planting;</li> <li>f) details of the erosion and sediment control measures to be implemented in the ROW in the Callide and Calliope Ranges;</li> <li>g) measures to rehabilitate the ROW in the Callide and Calliope Ranges;</li> </ul>	Activated	Compliant – the approved plan meets the requirements of this condition.

Condition		Status	Statement of Compliance
	h) measures for the control and management of weeds, fire, feral animals, access and grazing in translocation sites; i) measures for the management, maintenance and protection of the population of <i>Cycas megacarpa</i> individuals in the offset site for a period of five years following final planting; j) details of monitoring practices to assess the success of proposed management regimes of the offset; k) performance measures, reporting requirements, trigger levels for corrective actions and identification of those actions to be taken to ensure performance measures are met; and l) a reconciliation statement of impacts against the agreed limit of disturbance, as defined above in condition 11 must be updated by the proponent every 12 months from commencement until construction is complete.		
26.	The <i>Cycas megacarpa</i> Management Plan must be submitted for the approval of the Minister. Commencement in the location covered by the management plan must not occur without approval. The approved plan must be implemented.	Activated	Compliant – the plan was approved by the Minister on 6 September 2011 and the plan is currently being implemented. Relevant works did not start until after approval was received.
27.	To avoid doubt, a single offset management plan can be submitted to meet all offset management plan requirements.	Activated	Noted – QGC has elected to develop a single offset management plan to meet all offset management plan requirements.
<b>Migratory Birds</b>			
28.	To offset unavoidable impacts on listed migratory birds within the ROW at the Kangaroo Island wetlands west of the Narrows, the proponent must contribute at least \$250,000 to the Gladstone Port Corporation's migratory bird research study required by conditions for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).	Activated	Compliant – QGC has contributed about \$1.2 million to the Environmental Research Management Program overseen by the Gladstone Ports Authority Advisory Panel, including about \$267,000 to the Migratory Shorebirds Program.
<b>The Narrows crossing</b>			
29	The proponent must prepare an Environmental Management Plan for the crossing of the Narrows. This must include: a) if the crossing is undertaken concurrently with the	Activated	Compliant – On 26 June 2013, QGC requested the Minister's approval to vary the management plan, previously approved on 19 October 2011.

Condition		Status	Statement of Compliance
	<p>construction of one or more additional gas transmission pipelines (a 'bundled crossing'):</p> <ul style="list-style-type: none"> <li>i. the roles and responsibilities of each party involved in the bundled crossing;</li> <li>ii. details of the final pipeline route, engineering design and construction methodology, including details of the total number of gas transmission pipes including any pipelines for water supply and/or sewerage;</li> <li>iii. potential impacts from the construction of the pipeline on listed threatened species, ecological communities, migratory species and World and National Heritage-listed values of the Great Barrier Reef; .</li> <li>iv. mitigation measures to reduce impacts on listed threatened species, ecological communities, migratory species and World and National Heritage-listed values of the Great Barrier Reef;</li> <li>v. proposed offset measures to compensate for unavoidable impacts on listed threatened species and ecological communities, listed migratory species and values of the World and National Heritage-listed Great Barrier Reef;</li> <li>vi. measures for the management of acid sulfate soils (both potential and actual);</li> <li>vii. measures for ongoing maintenance and decommissioning of the pipelines, or</li> </ul> <p>If the proponent does not proceed in a bundled crossing:</p> <ul style="list-style-type: none"> <li>b) construction method which, in the opinion of the Minister, will result in minimal surface disturbance to the Kangaroo Island Wetlands and minimal disturbance to the area of the estuary of the Narrows (preferably achieved by horizontal directional drilling or tunnelling);           <ul style="list-style-type: none"> <li>i. details of the final pipeline route, design and construction methodology, including details of</li> </ul> </li> </ul>		<p>The updated plan was approved by the Minister on 26 July 2013 and is available on QGC's website.</p> <p>The approved management plan complies with part (a) of this condition as the pipeline has been constructed as a bundled crossing.</p>

Condition		Status	Statement of Compliance
	inclusion of pipes for water supply and sewerage; ii. potential impacts from the construction of the pipeline on listed threatened species, ecological communities, migratory species and World and National Heritage-listed values of the Great Barrier Reef; iii. mitigation measures to reduce impacts to listed threatened species, ecological communities, migratory species and World and National Heritage listed values of the Great Barrier Reef; iv. proposed offsets to compensate for the unavoidable impacts of the action on listed threatened species and ecological communities, listed migratory species and values of the World and National Heritage listed Great Barrier Reef; v. measures for the management of acid sulfate soils. Note: 29(b) does not prescribe a particular construction method.		
30.	The Environmental Management Plan must be submitted for the approval of the Minister. The activity the subject of the Environmental Management Plan must not start without approval. The approved plan must be implemented.	Activated	Compliant – the current revision of the Narrows Crossing Environmental Management Plan was approved by the Minister on 26 July 2013 and is currently being implemented.
31.	If the pipeline construction involves dredging to be undertaken by the proponent under the approval to which these conditions are attached, the proponent must prepare a Dredge Management Plan.	Activated	Compliant – QGC first submitted the Narrows Crossing Dredge Management Plan to the Minister on 12 June 2012.  Following further consultation, a revised plan was submitted on 2 August 2012 and was approved by the Minister on 7 August 2012.
32.	The Dredge Management Plan required under these conditions must include: a) details of dredging methods, planned commencement, duration and frequency of dredging; b) identification of areas of potentially impacted seagrass habitat and their environmental tolerances; c) identification of areas of potentially impacted seagrass	Activated	Compliant – the approved Narrows Crossing Dredge Management Plan meets the requirements of this condition.

Condition		Status	Statement of Compliance
	<ul style="list-style-type: none"> <li>habitat and their environmental tolerances;</li> <li>d) site specific water quality objectives for the designated habitats as a guideline for habitat protection;</li> <li>e) measures to refine the plume modelling data presented in the proponent's Environmental Impact Statement;</li> <li>f) mitigation measures and controls for the dredging and spoil disposal activities</li> <li>g) triggers for initiating adaptive management and potential remediation measures;</li> <li>h) monitoring of:               <ul style="list-style-type: none"> <li>i. potential impacts of dredging on seagrass including but not limited to turbidity and light attenuation;</li> <li>ii. the triggers established under condition 32(f); and</li> <li>iii. the long term impacts of the action.</li> </ul> </li> <li>i) options, linked to the triggers established under condition 32(f), for adaptively managing the action - including options for varying the timing and location of dredging and spoil disposal activities;</li> <li>j) details for monitoring of dredging activities, including timing and variables measured such as turbidity and light attenuation in a format as directed by the Department to allow validation of other modelling of dredging impacts relating to the Port of Gladstone;</li> <li>k) measures to minimise the impact on listed migratory birds from noise associated with construction activities;</li> <li>l) measures to prevent and respond to the introduction of marine pest species;</li> <li>m) measures to protect dugongs, and listed turtles including the use of turtle excluder devices;</li> <li>n) details of dredge spoil placement;</li> <li>o) provisions to sample and analyse dredge spoil composition.</li> </ul>		
33.	The Dredge Management Plan must be submitted for the approval of the Minister. The activity the subject of the	Activated	Compliant – QGC first submitted the Narrows Crossing Dredge Management Plan to the Minister on 12 June 2012.

Condition		Status	Statement of Compliance
	Dredge Management Plan must not start without approval. The approved plan must be implemented.		Following further consultation, a revised plan was submitted on 2 August 2012 and was approved by the Minister on 7 August 2012.  Dredging activities commenced on 21 August 2012.
<b>Location of pipeline (Callide range)</b>			
34.	East of the Callide Range, the proponent must locate the pipeline within the Callide Infrastructure Corridor State Development Area as indicated in the map at Attachment 1.	Activated	Compliant – the pipeline is located within the designated area.
<b>Water crossings</b>			
35.	Where reasonably possible, horizontal directional drilling must be used for major waterway crossings, including: <ul style="list-style-type: none"> <li>a) those within the Dawson, Calliope and Condamine River catchments and any water crossing within the known distribution of the Fitzroy River Turtle (<i>Rheodytes leukops</i>) and Murray Cod (<i>Maccullochella peelii</i>). Pipeline construction across waterways within the known distribution of the Fitzroy River Turtle must not take place during the nesting and breeding season;</li> <li>b) Humpie and Targinie Creeks.</li> </ul>	Activated	Compliant – The methods used for major waterway crossings is determined in accordance with the following approved plans: <ul style="list-style-type: none"> <li>1) Item (a): Pipeline Aquatic Values Management Plan (QCLNG-BG00-ENV-RPT-000009, Revision 3, August 2013). A variation of this plan was submitted on 29 August 2013 and approved by the Minister on 30 August 2013; and</li> <li>2) Item (b): Export Pipeline – the Narrows Crossing Aquatic Values Management Plan (QCLNG-BG03-ENV-RPT-000087, Rev 0, September 2011), approved by the Minister on 30 September 2011.</li> </ul>
36.	Trenchless techniques are not required in minor creek beds within the known distribution of the Fitzroy River Turtle ( <i>Rheodytes leukops</i> ) and Murray Cod ( <i>Maccullochella peelii</i> ) where there is no water at the crossing site and the distance to the nearest water is sufficient to buffer any potential impacts resulting from the crossing technique.	Activated	Noted.
37.	The proponent must prepare an Aquatic Values Management Plan. This plan must include: <ul style="list-style-type: none"> <li>a) detailed assessment of aquatic values, including animal breeding locations for listed threatened and migratory species within the ROW;</li> <li>b) measures to minimise impacts on listed riparian, aquatic and water dependent flora and fauna;</li> </ul>	Activated	The approved Aquatic Values Management Plans referred to at condition 35 meets the requirements of this condition.

Condition	Status	Statement of Compliance
<p>c) measures to minimise erosion and sediment impacts to waterways;</p> <p>d) measures to maintain water quality and water flow requirements, including treatment and disposal methods for hydrostatic test water;</p> <p>e) site-specific mitigation measures for any potential impacts from construction and operation of the pipeline on listed threatened species, including but not limited to the Fitzroy River Turtle</p>		
<p>38.</p> <p>The Aquatic Values Management Plan must be approved in writing by the Minister. Activities the subject of the Plan must not start without approval. The Plan must be implemented.</p>	<p>Activated</p>	<p>Compliant – the Aquatic Values Management Plan was approved by the Minister on 30 September 2011 and is currently being implemented. Activities subject to the plan did not start before approval was granted.</p> <p>On 29 August 2013, QGC requested approval to vary the approved Pipeline Aquatic Values Management Plan (QCLNG-BG00-ENV-RPT-000009, Revision 3, August 2013). The Minister approved the variation on 30 August 2013.</p>
<p><b>Notification of commencement</b></p>		
<p>39.</p> <p>Within 20 business days of commencement, the proponent must advise the Department in writing of the actual date of commencement.</p>	<p>Activated</p>	<p>Compliant – on 22 March 2011, QGC notified the Department that works on the Right of Way commenced on 15 March 2011.</p>
<p>40.</p> <p>If, at any time after 5 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.</p>	<p>Not Activated</p>	<p>Compliant – the action has commenced within 5 years of the approved date.</p>
<p><b>Request for variation of plans by proponent</b></p>		
<p>41.</p> <p>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.</p>	<p>Activated</p>	<p>Compliant – During the reporting period, QGC requested approval to vary conditions of the following plans:</p> <ul style="list-style-type: none"> <li>QCLNG Narrows Crossing Project- Condition Compliance Statement and Environmental Management Plan- Narrows Bundled Crossing, Revision D, June 2013 (“Narrows EMP”).The variation was approved by the Minister on 26</li> </ul>

Condition		Status	Statement of Compliance
			July 2013; <ul style="list-style-type: none"> <li>• Pipeline Aquatic Values Management Plan (QCLNG-BG00-ENV-RPT-000009, Revision 3, August 2013). The variation was approved by the Minister on 30 August 2013.</li> <li>• Significant Species Management Plan for QCLNG Pipeline (SSMP), Rev 3, dated 29 August 2013 (QCLNG- BG00-ENV-RPT-000002). The variation was approved by the Minister on 30 August 2013.</li> </ul>
42.	If the Minister approves the revised plan, then that plan must be implemented instead of the plan originally approved.	Not Activated	Compliant – Revised plans are implemented upon approval.
43.	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Not Activated	Compliant – Only approved plans are implemented on site.
<b>Revisions to plans by the Minister</b>			
44.	If the Minister believes that it is necessary or desirable for the better protection of a relevant controlling provision for the action, the Minister may request the proponent to make, within a period specified by the Minister, revisions to a plan approved under these conditions.	Not Activated	Compliant – QGC is not aware of a request from the Minister to revise approved plans during the reporting period.
45.	If the Minister makes a request for revision to a plan, the proponent must: <ol style="list-style-type: none"> <li>comply with that request; and</li> <li>submit the revised plan to the Minister for approval with the period specified in the request.</li> </ol>	Not Activated	Noted.
46.	The proponent must implement the revised plan, on approval of the Minister	Not Activated	Noted.
47.	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Not Activated	Noted.
<b>Minimum timeframes for consideration of plans</b>			
48.	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.	Not activated	Noted.

Condition		Status	Statement of Compliance
<b>Compliance with State environmental and other authorities</b>			
49	The proponent must comply with all environmental authorisations issued by the State, including conditions of an environmental authority issued under the EP Act.	Activated	<p>Compliant – At the state level, QGC is required to comply with conditions imposed by the Queensland Coordinator General and the conditions of Environmental Authorities EPPG00967913, EPPG00967813 and EPPG00945113 (<b>EAs</b>).</p> <p>The 2012 audit of the Coordinator-General's conditions found one instance of partial non-compliance relating to the timing of provision of hydro-test water quality data to the Queensland Department of Environment and Heritage Protection (<b>DEHP</b>).</p> <p>As required by the conditions of the EA, the relevant data was provided to DEHP 6 months before hydro-testing began on the export pipeline.</p> <p>All instances of potential non-compliance with conditions of the EA were reported to the Department and the Queensland Department of Environment and Heritage Protection (<b>DEHP</b>) and the Department during the Reporting Period.</p>
<b>Provision of State plans</b>			
50.	If a condition of a State approval requires the proponent to provide a plan then the proponent must also provide the plan to the Department or Minister on request, within the period specified in the request.	Not Activated	Compliant – QGC is not aware of a request from the Minister to provide the plans.
<b>Timeframes</b>			
51.	If these conditions require the proponent to provide something by a specified time, a longer period may be specified in writing by the Minister.	Activated	Noted.
<b>Auditing</b>			
52.	<p>On the request of and within a period specified by the Department, the proponent must ensure that:</p> <p>a) an independent audit of compliance with these conditions is conducted; and</p> <p>b) an audit report, which addresses the audit criteria to the</p>	Not activated	Compliant – QGC has not received any request for an independent audit of compliance with the approval conditions.

Condition	Status	Statement of Compliance
		satisfaction of the Department, is published on the Internet and submitted to the Department.
53.	Not Activated	Before the audit begins, the following must be approved by the Department: a) the independent auditor; and b) the audit criteria
54.	Not Activated	The audit report must include: a) the components of the project being audited; b) the conditions that were activated during the period covered by the audit; c) a compliance/non-compliance table; d) a description of the evidence to support audit findings of 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.
55.	Not Activated	The financial cost of the audit will be borne by the proponent.
56.	Not Activated	The proponent must: a) implement any recommendations in the audit report, as directed in writing by the Department; b) investigate any non-compliance identified in the audit report; and c) if non-compliance is identified in the audit report - take action as soon as practicable to ensure compliance with these conditions.
57.	Not Activated	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

Condition		Status	Statement of Compliance
	written advice to the Minister setting out the: <ul style="list-style-type: none"> <li>a) actions taken by the proponent to ensure compliance with these conditions; and QGC has not received any requests for an for an independent audit of compliance with approval conditions.</li> <li>b) actions taken to prevent a recurrence of any non-compliance, or implement any other recommendation to improve compliance, identified in the audit report.</li> </ul> <p><i>Note: To avoid doubt, independent third party auditing may include audit of the proponent's performance against the requirements of any plan required under these conditions.</i></p>		
<b>Reporting non-compliance</b>			
58.	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: <ul style="list-style-type: none"> <li>a) report the non-compliance and remedial action to the Department within five business days;</li> <li>b) bring the matter into compliance within a reasonable time frame specified in writing by the Department.</li> </ul>	Activated	Compliant – QGC notified all instances of potential non-compliance with conditions of the Approval to the Department during the Reporting Period.  A complete list of potential non-compliances is provided in Table 1 at the end of this annual return. The actions taken to bring these matters into compliance are also provided in Table 1.
<b>Record-keeping</b>			
59.	The proponent must: <ul style="list-style-type: none"> <li>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</li> <li>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.</li> </ul>	Activated	Compliant – accurate records, including measures taken to implement approved plans under conditions are kept at QGC head office.  No request has been received by QGC during the Reporting Period.
<b>Financial assurance</b>			

Condition		Status	Statement of Compliance
60.	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 b) review and maintain the amount of financial assurance based on proponent reporting on compliance with these conditions, and any auditing of the activities.	Not activated	Compliant – QGC has not received a request from the Minister to provide financial assurance during the reporting year.
61.	The financial assurance is to remain in force until the Minister is satisfied that no claim is likely to be made on the assurance.	Not activated	Noted.
<b>Annual Environmental Return</b>			
62.	The proponent must produce an Annual Environmental Return which: a) addresses compliance with these conditions; b) records any unavoidable adverse impacts on MNES, mitigation measures applied to avoid adverse impacts on MNES; and any rehabilitation work undertaken in connection with any unavoidable adverse impact on MNES; c) identifies all non-compliances with these conditions and; d) identifies any amendments needed to plans to achieve compliance with these conditions.	Activated	Compliant – this Annual Environmental Return demonstrates compliance with this condition.  QGC has not identified any unavoidable adverse impacts on MNES during the Reporting Period and has continued to implement the measures detailed in the Environment Management Plan to avoid any such impacts.
63	The proponent must publish the Annual Environmental Return on its website within 20 calendar days of each anniversary date of this approval. In complying with this publication requirement, the proponent must ensure that it has obtained relevant rights in relation to confidentiality and intellectual property rights of third parties	Activated	Compliant – This document will be published on the QGC website.
<b>Survey data</b>			
64.	If requested by the Department, the proponent must provide all species and ecological survey data and related survey information from ecological surveys undertaken for MNES.	Not Activated	Compliant – QGC has not received any request from the Department.

Condition		Status	Statement of Compliance
	The data must be collected and recorded to conform to data standards notified from time to time by the Department		
<b>Publication of Plans</b>			
65.	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	Activated	Compliant – all plans approved by the Minister are published on the following website. <a href="http://www.qgc.com.au/environment/environment-management/management-plans.aspx">http://www.qgc.com.au/environment/environment-management/management-plans.aspx</a>
66.	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.	Not activated	Compliant – QGC has not received any request from the Department
<b>Dictionary</b>			
67.	<p>In these conditions:</p> <p><b>Bundled crossing</b> means the dredging, trenching and other construction activities associated with the placement of multiple gas transmission pipelines across the Kangaroo Island Wetlands and the Narrows in a common corridor constructed by the approved proponent;</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 clearing of vegetation that is a listed threatened species or community or that is habitat of listed threatened species or listed migratory species or pipeline construction (including trenching). Commencement does not include:</p> <p>a. minor physical disturbance necessary to undertake pre-clearance surveys or establish monitoring programs or associated with the mobilisation of the plant, equipment,</p>	Activated	Noted.

Condition		Status	Statement of Compliance
	<p>materials, machinery and personnel prior to the start of pipeline development or construction;</p> <p>b. activities that are critical to commencement that are associated with mobilisation of plant and equipment, materials, machinery and personnel prior to the start of development only if such activities will have no adverse impact on MNES, and only if the proponent has notified the Department in writing before an activity is undertaken.</p> <p><b>Department</b> means the Australian Government department responsible for administering Part 4 of the EPBC Act;</p> <ul style="list-style-type: none"> <li>• <i>EP Act</i> means <i>Environmental Protection Act 1994 (Qld)</i>;</li> <li>• <i>EPBC Act</i> means the Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i>;</li> </ul> <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>Plan</b> includes a protocol, report, study, plan, or strategy (however described); .</p> <p><b>Proponent</b> means the person to whom the approval is granted, and includes any person acting on behalf of the proponent;</p> <p><b>Referral</b> means a referral under the EPBC Act including any variation of the referral.</p>		

Condition		Status	Statement of Compliance
	<p><b>ROW</b> means the pipeline right of way where any disturbance or construction is to be restricted to a corridor in which the pipeline may be placed. This corridor includes the area required for related activities such as access tracks. The corridor is illustrated in Attachment1;</p> <p><b>Substantial commencement</b> means delivery of coal seam gas through the pipeline.</p>		

**TABLE 1 - Notifications**

Condition 58 reporting non-compliance – the following instances of potential non-compliances were reported to the Department (formerly) during the Reporting Period. Each of the non-compliances relate to condition 49 which requires that “the proponent must comply with all environmental authorisations issued by the State, including conditions of an environmental authority issued under the EP Act”.

No response has been received by the Department in relation to the below incidents.

Notification	Date Incident Occurred	Identified Remedial Actions
<b>NARROWS SECTION OF THE PIPELINE</b>		
Over clearing of approximately 600m <sup>2</sup> at the Phillipies Landing Road Section of the Narrows..	25/10/2012	Clearing immediately ceased and an incident investigation was conducted. As the site was due to be cleared in the near future by the neighbouring project, no rehabilitation was undertaken and mulch was spread on site to prevent erosion.
During excavation on the Curtis Island transition trench, a hydraulic hose fitting on an excavator came loose. About 100ml of hydraulic fluid was released to Targinnie Creek at the mouth of the cofferdam.	06/12/2012	A bucket was lowered into the water to collect the majority of the hydraulic fluid. An absorbent boom was then placed around the entrance of the coffer dam to prevent the spill from entering the open waters of Port Curtis. The boom was maintained in the cofferdam as the tide rose and the sheen was contained and removed.
Exceedance of TSS parameter for water discharging from a sediment basin. The recorded value for TSS was 32 mg/l and the limit prescribed in the EA is 30 mg/l.	29/01/2013	Water samples were taken and the sediment basin was flocculated to absorb additional suspended solids in the water. Laboratory results were sought to confirm water quality and determine further action.  While this minimal exceedance of TSS resulted from extreme rainfall over a short period, a review has been undertaken to determine if there are any lessons that can be learned from this experience and to ensure that the impact of potential extreme rainfall events can be further minimised.
Discharges of stormwater to land from release points 1, 2, 4, 5 and 6 for which water quality sampling shows exceedances of the TSS limit of 30mg/L. The discharges occurred between 28 January 2013 and 3 February 2013 as a result of severe rainfall that flooded the region.	28/01/2013 – 3/2/2013	Due to the volume of rainfall, there was limited site access. However, where access was possible: <ul style="list-style-type: none"> <li>• sediment basin bund walls were repaired to reduce the extent of uncontrolled discharge;</li> <li>• water was pumped to other basins that had capacity to contain water on-site for treatment;</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
		<ul style="list-style-type: none"> <li>• water quality was monitored on a daily basis and remediation taken to ensure appropriate water quality; and</li> <li>• basins and discharge points were monitored daily for evidence of environmental harm. None was observed.</li> </ul> <p>To prepare for future rainfall events:</p> <ul style="list-style-type: none"> <li>• all basins were emptied of water as soon as was possible to maximise capacity for future rainfall events;</li> <li>• all basins are inspected on a daily basis; and</li> <li>• bund walls and spillways were repaired.</li> </ul>
<p>Uncontrolled release of about 100 foam buoys and associated rope and steel strapping into marine waters during pipeline pull activities.</p>	<p>22/02/2013</p>	<p>Immediate actions were taken to control and minimise impacts, including the following:</p> <ul style="list-style-type: none"> <li>• Gladstone Port Corporation was notified of the situation;</li> <li>• Vessels and personnel were deployed to retrieve foam buoy devices and associated rope and steel; and</li> <li>• Pipe release methods were modified to minimise cable cutting.</li> </ul>
<p>The following two events occurred during fibre optic cable drilling between 23 February 2013 and 24 February 2013:</p> <ul style="list-style-type: none"> <li>• On 23 February about 4,500L of drilling fluid was released to land within a tidal zone. About 60% of the fluid was cleaned up before high tide and the remaining fluid was cleaned up on the following low tide.</li> <li>• On 24 February about 300L of drilling fluid was released to land within a tidal zone. Drilling activity ceased and the fluid was recovered.</li> </ul>	<p>23/02/2013 &amp; 24/02/2013</p>	<p>Immediate action was taken to prevent further release, contain and clean-up the releases.</p> <p>The following preventative actions will be undertaken to minimise the likelihood of a future occurrence:</p> <ul style="list-style-type: none"> <li>• conditions around return mud line will be monitored to ensure pressure does not build up;</li> <li>• alternative drill profiles will be investigated to minimise potential for loss of containment;</li> <li>• environment personnel will be informed before drilling in high risk areas; and</li> <li>• appropriate equipment will be available to contain and clean up any spills including sandbags, IBC's and pumps.</li> </ul>
<p>Following heavy rainfall it was identified that erosion and sediment bunds were breached at several locations along the RoW at the Narrows Crossing, Curtis Island Section. The event resulted in uncontrolled releases of turbid storm water.</p>	<p>26/02/2013</p>	<p>Given the volume of rainfall the site was evacuated for safety reasons. Where access was possible the RoW was inspected for evidence of environmental impact.</p>

Notification	Date Incident Occurred	Identified Remedial Actions
		The following actions were taken following the rain: <ul style="list-style-type: none"> <li>remedial works to damaged erosion and sediment control infrastructure were undertaken; and</li> <li>erosion and sediment control plans were revised.</li> </ul>
An estimated 1ML of storm water with a TSS of 45mg/L was released into the receiving environment. The recorded value of the receiving environment for TSS was 44mg/l. This exceeded the EA's prescribed limit of 30mg/L. Laboratory analysis also returned a pH value for the discharge of 6.37 which is outside the prescribed EA limit of 6.5-9.	01/03/2013	The discharge occurred before laboratory results were received indicating an exceedance of the EA limits. Consequently, no remedial actions could be taken at the time of the discharge.  The following measures have been implemented to prevent a recurrence of similar incidents: <ul style="list-style-type: none"> <li>continue to maintain sediment basin capacities between rain events; and</li> <li>undertake controlled discharges using more stringent in-situ field parameters.</li> </ul>
About 500-1000L of sediment laden water was released into Graham Creek at the QCLNG Narrows Crossing Site, Curtis Island. During RoW construction works, turbid water discharged into a site drainage line which then drained into Graham Creek.	12/03/2013	The following actions were undertaken: <ul style="list-style-type: none"> <li>work ceased immediately.</li> <li>sandbags were placed in front of the flume pipe to prevent further discharge;</li> <li>a mulch berm was raised to prevent further flow; and</li> <li>a temporary bund was built to contain water and prevent further flows.</li> </ul> To minimise the likelihood of a future occurrence: <ul style="list-style-type: none"> <li>the importance of pre-job planning was discussed at construction meeting held on 13 March 2013; and</li> <li>an erosion and sediment control workshop was conducted in April 2013.</li> </ul>
About 1m <sup>3</sup> of sediment was released off-site to land from the ROW on Curtis Island. This incident occurred following an extended rainfall period.	5/03/2013	The following actions have been implemented to prevent a recurrence of the incident: <ul style="list-style-type: none"> <li>The water level of the pond was reduced through controlled discharges in accordance with the EA.</li> <li>The catchment area of the acid sulphate soil treatment pad that feeds into the Leachate pond was reduced to approximately</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
		50% of the original catchment size, significantly reducing discharge into the pond.
Failure to notify DEHP within the required 24 hours of a death of a Green Tree Snake found on the Narrows Crossing Right of Way on Curtis Island.	20/03/2013	To minimise the likelihood of a future occurrence, QGC reiterated the importance of fauna notification requirements with the Principal Contractor. QGC continues to conduct quality assurance of fauna the register.
About 50 litres of Horizontal Directional Drilling (HDD) fluid comprising a non-toxic mixture of gypsum and water escaped a sandbag containment system and flowed into Targinnie Creek.	21/03/2013	Measures were taken to contain and clean up the spill before high tide. The fluid contained by sandbags was pumped back into the drilling trench to avoid further fluid being released into the watercourse.
As a result of over 205mm of rain between 25 February 2013 and 5 March 2013, several minor uncontrolled discharges of turbid water to land occurred at the following locations: <ul style="list-style-type: none"> <li>• Phillipies Landing Road Section – release points 1, 2, 4, 5 and 6; and</li> <li>• Curtis Island Section – deliver station (DST02, DST04).</li> </ul>	25/03/2013	Due to the volume of rain and inaccessibility of the area no mitigation measures could be implemented the time of the incident to control environmental impacts. However, where access was possible: <ul style="list-style-type: none"> <li>• sediment basin bund walls were repaired to reduce the extent of uncontrolled discharge;</li> <li>• water was pumped to other basins that had capacity to contain water on-site for treatment;</li> <li>• water quality was monitored on a daily basis and remediation taken to ensure appropriate water quality; and</li> </ul> basin and discharge points were monitored daily for evidence of environmental harm. No environmental harm was observed.
A third party audit identified several sealed 44 gallon drums containing pipeline coating liquids stored on a flat surface without appropriate bunding.	27/3/2013	The drums were placed on appropriate bunding and the contractor was reminded to ensure appropriate storage of hazardous materials.
During welding activities on the Pipeline RoW on Curtis Island, a side boom tracked about 5m outside the EA boundary. This resulted in disturbance to grass and small shrubs.	06/04/2013	The contractor was reminded to ensure that construction activities and associated disturbance remain within these boundaries.  The environmental impact was negligible as: <ul style="list-style-type: none"> <li>• topsoil remained in place and there was no significant compaction of topsoil;</li> <li>• root and seed stock remained in place;</li> <li>• there was no disturbance of overland flow; and</li> <li>• there was minimal potential for erosion as the area is flat.</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
<p>Following heavy rain two events occurred along the RoW at the QCLNG Export pipeline Narrows Crossing), Curtis Island Section:</p> <ul style="list-style-type: none"> <li>• Turbid storm water discharges occurred at three separate sections of the pipeline. It is estimated that the total volume of water released at these sites was &lt; 3000L;</li> <li>• Water contained in an open trench following the rain was pumped into a drainage line. The drainage line was rock lined and sediment fences were in place. However, the volume of water was too great to be contained and the drainage line overflowed, releasing between 50,000 to 70,000L of turbid water to land.</li> </ul>	<p>13/04/2013</p>	<p>Action to control the impacts of the respective incidents include:</p> <ul style="list-style-type: none"> <li>• Given that site access was limited to the areas in which the incident sediment release occurred, no immediate action was able to be taken, however ongoing restoration works on all ESC measures continues to be conducted across the site;</li> <li>• In relation to the trench to trench transfer, the pump directing water into the second trench was immediately shut-off when it was determined that the trench was overtopping and re leasing sediment-laden water off the ROW.</li> </ul> <p>To ensure that QCLNG is in as good a position as possible for future rainfall events, the following actions were taken:</p> <ul style="list-style-type: none"> <li>• repair of ESC measures was prioritised by the contractor to ensure that all measures are fully effective;</li> <li>• low lying areas will be emptied of water as soon as possible in accordance with EA requirements to maximise capacity for future rainfall events; and</li> <li>• QGC has reminded the principal contractor of the importance of ensuring that water is not released from the EA area unless it is determined that it is within the EA release limits.</li> </ul>
<p>Two banded fuel cells were observed at the end of the Marshlands Section. The storage of fuel in this area is a potential non-compliance with Condition E6 of the EA, which states that <i>chemical and fuel storage must only be undertaken above the Highest Astronomical Tide and only at the following locations:</i></p> <p>a) Phillipies Landing Road Section;                      b) Creek Section HOD entry pad; and                      c) Curtis Island Section.</p> <p>No spill or occurred and the fuel was appropriately banded. QGC became aware of the incident on 19 June 2013.</p>	<p>23/04/2013</p>	<p>The refuelling process was changed to avoid the storage of fuel in the Marshland Section. For the remainder of the works, the double banded fuel cell was transported to the Marshland Section when refuelling was required and removed immediately thereafter.</p>
<p>Following 48.5mm of rain overnight at Curtis Island, sediment was found on vegetated land off the sides of the pipeline RoW at</p>	<p>18/05/2013</p>	<p>Action to control the impacts of the respective incidents include:</p> <ul style="list-style-type: none"> <li>• given that site access was limited to the areas in which the</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
<p>a number of locations.</p> <p>In addition, during the dewatering of a pipeline trench, water was transferred from one trench to another thought to have receiving capacity. This second trench did not have sufficient capacity and excess waters overflowed outside of the ROW.</p>		<p>incident sediment release occurred, no immediate action was able to be taken. However restoration works on all ESC measures was conducted across the site. Once complete site access was restored, the release points were monitored for any evidence of environmental harm. None was observed; and</p> <ul style="list-style-type: none"> <li>• in relation to the trench to trench transfer, the pump directing water into the second trench was immediately shut-off when it was determined that the trench was overflowing and re leasing sediment-laden water off the ROW.</li> </ul>
<p>About 1500-2500 litres of sediment-laden water was released to land off the RoW in the direction of Graham Creek. It is suspected that ESC had been disturbed by an excavator.</p>	20/05/2013	<p>The erosion and sediment controls were immediately reinstated. In addition, the following actions were undertaken to minimise the likelihood of a future occurrence:</p> <ul style="list-style-type: none"> <li>• classification of identified ESC repair works into high and low risk based on potential for offsite releases;</li> <li>• establishment of operator ESC competence matrix to match operators that have done ESC awareness training to high risk ESC repair works; and</li> <li>• direct supervision by an environmental team member of high risk ESC repair works; and</li> <li>• the contractor conducted further training for site personnel to prevent similar incidents.</li> </ul>
<p>Following 47mm of rain an uncontrolled release of storm water occurred from sediment basin 4 (SB4). Lab results showed that the Total Suspended Solids (TSS) for the water released was 40 mg/L which is above the water quality release limit of 30 mg/L. It is estimated that about 1 ML of storm water was released.</p>	17/05/2013	<p>The capacity of the sediment basins was monitored and where possible they were discharged between rainfall events to maintain optimal basin capacity.</p>
<p>Failure to notify DEHP within the required 24 hours of a death of a Green Tree Frog.</p>	06/06/2013	<p>The following actions were implemented to minimise the likelihood of a future occurrence:</p> <ul style="list-style-type: none"> <li>• QGC's principal contractor was reminded to notify QGC personnel of any fauna injury or death with sufficient time to enable QGC to notify DEHP within the required 24 hours;</li> <li>• QGC continues to conduct quality assurance of the fauna register.</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
<p>A potable water truck lost traction while ascending a hill along the RoW on Curtis Island. Brakes were unable to stop the vehicle reversing downhill and the vehicle mounted a topsoil berm and rolled. The accident led to damage of the potable water tank and the release of the load of 12,000 litres of potable water, and damage to the engine, resulting in release of an estimated 40 litres of engine oil. The water flowed down the hill and soaked into the ground leaving only small isolated pools. Some of the water flowed off the ROW and pooled in a drainage feature.</p>	<p>24/06/2013</p>	<p>Oil sheens observed on the surface was soaked up with absorbent pads.</p> <p>In addition, the following actions were implemented to minimise the likelihood of a future occurrence:</p> <ul style="list-style-type: none"> <li>• the procedure for delivery trucks operating on Curtis Island was reviewed; and</li> <li>• the importance of appropriate vehicle gear selection/traction and braking systems being 100% functional before attempting to climb steep hills was communicated to relevant personnel.</li> </ul>
<p>During pretesting operations for the Narrows APLNG HOD pipeline, pretest water was released to land, less than 500 metres from a water course. The accidental runoff was caused by technical issues encountered during pigging operations. The process of pigging involves sending a polyurethane foam plug down the pipe. In this instance, the pig got stuck and water seeped around the edges. The operator released the water to retrieve the pig.</p>	<p>01/07/2013</p>	<p>Water discharge was stopped immediately to prevent environmental harm. The following actions were implemented to prevent a recurrence of the incident:</p> <ul style="list-style-type: none"> <li>• re-induction of the hydrostatic test crew through environmental awareness course; and</li> <li>• toolbox talks to personnel relating to the Land Release Management Plan and associated procedures.</li> </ul>
<p>A hydraulic hose on a 46 tonne excavator popped open while the excavator was working on top of the marine rock wall at the end of the causeway in the Marshland section. About 60 litres of oil was lost to ground during low tide. Most of the oil was cleaned up, however some entered the crevices in the marine rock wall. During high tide on 20 August 2013, some of the trapped hydraulic oil may have been released to waters.</p>	<p>19/08/2013</p>	<p>The following steps were taken to prevent environmental harm:</p> <ul style="list-style-type: none"> <li>• the marine boom around the site prior to works ensured that any release to waters would be contained;</li> <li>• work was stopped and equipment repaired;</li> <li>• marine spill kits deployed to absorb material spilled to was ground; and;</li> <li>• marine spill kits were on hand to clean up any plumes that were identified in the water resulting from the hydraulic oil trapped within the rock wall. None was observed</li> </ul> <p>This incident was caused by unique construction circumstances. Construction of the marine rock wall is now complete and QGC does not anticipate any future use of excavators on the rock wall.</p>
<p>An amphibious excavator was being used in construction of a marine rock wall near the end of the causeway in the Marshland Section of the Export Pipeline (Narrows Crossing) site. The</p>	<p>20/08/2013</p>	<p>A marine boom was installed around the site before work started and a second additional boom was installed around the overturned excavator to ensure that any release of oil to waters was contained. Immediate action</p>

Notification	Date Incident Occurred	Identified Remedial Actions
<p>excavator overturned in about 5-6 m of water. No visible signs of release were observed at the time, however as a precaution a marine boom was placed around the excavator. On 21 August 2013, a small sheen was observed near the excavator.</p>		<p>was taken to clean up the sheen using absorbent pads.</p> <p>Lessons from the incident were shared with the marine operators, supervisors, project engineers and the HSSE team. The principal contractor reinforced with their staff additional awareness of hazard identification and risk controls prior to works.</p> <p>This incident was caused by unique construction circumstances. Construction of the marine rock wall is now complete and QGC does not anticipate any future use of amphibious excavators at the Narrows Crossing site.</p>
<p>A routine daily sample was taken at stormwater release point HDD01 during the release of trench water. A field sample of this release indicated a Total Dissolved Solids (TSS) reading of 152mg/litre which exceeded the 30mg/litre release limit contained in the EA. It is thought that the elevated levels of TSS is due to personnel working in the area during water discharge. About 720L of turbid water was released.</p>	<p>16/09/2013</p>	<p>As soon as the TSS exceedance was identified, the pump was turned off and the discharge ceased.</p> <p>QGC's Principal Contractor, took the following actions to prevent a recurrence of this incident:</p> <ul style="list-style-type: none"> <li>• additional signage around bell holes being dewatered to prevent personnel entering bell holes during dewatering operations;</li> <li>• supervision of dewatering activities to prevent accidental disturbance of water quality;</li> <li>• switching off dewatering pumps if access is required to bell hole;</li> <li>• field sampling undertaken before dewatering pumps utilised;</li> <li>• ensure the Safe Work Method Statement (SWMS) identifies 'water quality' as a hazard and includes appropriate controls for dewatering; and</li> <li>• increase awareness and vigilance of water quality risks from dewatering activities through tool box talks.</li> </ul>
<p>A field sample was taken before release of trench water from a bell hole at stormwater release point HDD01 . The field sample indicated a compliant TSS value of 27 mg/L. The trench water was then released at storm water release point HDD01. Laboratory results later indicated a TSS value of 57mg/L, which exceeded the 30mg/litre release limit contained in the EA.</p>	<p>17/09/2013</p>	<p>The Principal Contractor, took the following actions to prevent a recurrence of this incident:</p> <ul style="list-style-type: none"> <li>• reiterated the importance of undertaking representative samples, including avoiding disturbing sediment while collecting samples;</li> <li>• considered re -calibrating the TSS meter more frequently than</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
		the manufacturer's specifications; and <ul style="list-style-type: none"> <li>if any further TSS exceedances occur, consider ceasing any further discharges to land from the bellhole.</li> </ul>
About 5,000 litres of hydrostatic test water overflowed to land from a portable break tank on the Curtis Island landing. This water then flowed along the ground transporting sediment to the foreshore south of the cofferdam on Curtis Island between the construction boundary and mangroves.	01/10/2013	As soon as the overflow was identified, the pump was turned off and the discharge ceased. The Principal Contractor took the following actions to prevent a recurrence of this incident: <ul style="list-style-type: none"> <li>Slowing down the rate of water transfer, to enable more predictable character and timing of flow</li> <li>Consideration of installation of flow-reducing valves to limit the volume of water that can be released in to the break tank</li> </ul>
<b>Gas Collection Header</b>		
During the Horizontal Directional Drilling (HDD) of Fibre Optic Cable under the waterbed at the Gas Collection Header, about 600 litres of circulation fluid seeped up through subsurface material, covering approximately 5m <sup>2</sup> . The release was to a dry waterbed only and not to any water.	29/10/2012	Earthen bunding was immediately put around the spill at the zone using nearby machinery to isolate the circulation fluid.  The released circulation fluid was then immediately removed from site which prevented any potential for environmental harm to the immediate and surrounding areas.
Failure to notify DEHP within 24 hours of becoming aware of a dead eastern grey kangaroo on 15 November 2012 and an injured eastern grey kangaroo (which was subsequently euthanised) on 16 November 2012.	15/11/2012	The following actions were implemented to minimise the likelihood of a future occurrence: <ul style="list-style-type: none"> <li>as the issue primarily occurs on the weekend, QGC has developed a roster to ensure one QGC field officer is accountable for reporting fauna injuries and deaths within the required timeframe;</li> <li>QGC has written to its contractor to reiterate the importance of the contractor informing QGC within sufficient time to enable QGC to notify DEHP within the required 24 hours;</li> <li>QGC has developed an enhanced quality assurance process to reduce the errors in notifications made to DEHP; and</li> <li>QGC is developing a documented process flow to ensure there is a clear and documented outline of the steps required to ensure notification within the required 24 hours.</li> </ul>

Notification	Date Incident Occurred	Identified Remedial Actions
Less than 5000 litres of treated effluent from the Camp 1 STP at KP63 of the Gas Collection Header, was released outside the designated irrigation area and pooled at a natural low point.	21/5/2013	To prevent further releases, the STP irrigation system was turned off and treated effluent was trucked off site for disposal at an appropriate facility. This continued until dry weather enabled the capacity of the designated irrigation area to be re-established.
A fuel tank connected to a generator at the GCH Camp 2 was leaking diesel into an existing bund. Due to insufficient capacity and a tear in the bund lining, about 3000 litres of diesel was released from the bund.	27/5/2013	The following remedial actions were implemented: <ul style="list-style-type: none"> <li>• most of the diesel was contained within the bund. This was then vacuumed up by trucks and disposed of in accordance with regulatory requirements;</li> <li>• fuel that spilled outside the bunded area was immediately cleaned up on the surface;</li> <li>• contaminated soil from fuel that penetrated the topsoil layer was subsequently removed in accordance with regulatory requirements;</li> <li>• remaining residual affected soil will be bio remediated with microbial bioactive ingredients during de-commissioning of the camp.</li> </ul>
<b>Export Pipeline</b>		
Release of sediment at KP150.7 on the Export Pipeline from about 105mm of rain.	10/11/2012	Following the incident, the certified ESC plans were reviewed and works to restore ESC measures in line with the plans was completed.
Release of less than one cubic metre of sediment to Roche Creek at QCLNG export pipeline KP24.	14/01/2013	Reinstatement work including re-profiling of the creek banks and installation of ESCs was completed on 21 January 2013.
Failure to notify DEHP within the required 24 hours of a death of a green tree frog.	06/04/2013	The following actions were implemented to minimise the likelihood recurrence: <ul style="list-style-type: none"> <li>• QGC reiterated the importance of the contractor informing QGC with sufficient time to enable QGC to notify DEHP within the required 24 hours;</li> <li>• QGC will continue to conduct quality assurance of the fauna register.</li> </ul>
A plumbing failure at the Camp 4 STP resulted in about 300L of treated effluent flowing into a nearby sediment basin. The sediment basin was at capacity and some of the diluted treated effluent was released onto a neighbouring property.	28/07/2013	Once detected, immediate action was taken to repair the plumbing fault. Water quality samples were undertaken to determine any potential impacts of the release on the neighbouring property.

Notification	Date Incident Occurred	Identified Remedial Actions
During an inspection of the Export Pipeline from KP 0 to KP45 a small amount of sediment was released off site to land and dry creeks beds at around KP21, KP22 and KP31.	08/08/2013	A full erosion sediment control crew comprising 10 personnel and 3 machines were mobilised to rectify the issues and carry out maintenance on the erosion and sediment control devices identified during the inspection.
Failure to notify DEHP within the required 24 hours of a death of a Rufous Bettong.	25/08/2013	QGC reiterated the importance of the contractor informing QGC with sufficient time to enable QGC to notify DEHP within the required 24 hours. QGC will continue to conduct quality assurance of the fauna register.
A fire involving a foam trench breaker started in a pipeline trench at kilometre point (KP) 268.	01/10/2013	The fire was contained within the trench and was fully extinguished within 2 hours of it being identified. The escarpment was monitored for a significant time after it was extinguished to ensure the fire did not reignite.