ConocoPhillips

Australia Pacific LNG Project

Environment Protection and Biodiversity Conservation Act 1999

Approval EPBC 2009/4977

2018/19 Annual Return

21 February 2018 - 20 February 2019

AUSTRALIA PACIFIC LNG

Operated by

ConocoPhillips

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1. Purpose

This document sets out the status of compliance with the conditions imposed by Environment Protection and Biodiversity Conservation Act Approval EPBC 2009/4977 (EPBC2009/4977) within the required reporting period of 21 February 2018 to 20 February 2019 for the Australia Pacific LNG Facility (LNG Facility).

2. Scope

Australia Pacific LNG Pty Limited (APLNG) has constructed a Liquefied Natural Gas (LNG) processing plant and ancillary onshore and marine facilities on Curtis Island as part of the Australia Pacific LNG Project (APLNG Project). ConocoPhillips Australia Pty Ltd (ConocoPhillips Australia) is the downstream operator of the LNG Facility.

EPBC2009/4977 applies to the full four train liquefaction processing facility. The first stage of the APLNG Project was the construction and operation of Trains 1 and 2. A date for commencement of construction of Trains 3 and 4 has not been determined.

Construction and commissioning of Train 1 was completed during 2015 with LNG production beginning in December 2015. Substantial completion of Train 1 was achieved on 30 June 2016. Construction and commissioning of Train 2 was completed during 2016 with LNG production beginning in October 2016. Substantial completion of Train 2 was achieved on 9 July 2017.

Conditions 86 and 87 of EPBC2009/4977 require that APLNG produces an Annual Environmental Return and publishes it on the APLNG website (www.aplng.com.au) within 20 calendar days of the anniversary of the date upon which EPBC2009/4977 was granted each year.

This Annual Environmental Return Report outlines key areas of works and activity in relation to EPBC2009/4977. This Report assesses:

- Compliance with the conditions listed within EPBC 2009/4977 by APLNG and its contractors.
- Records of any unavoidable adverse impacts on Matters of National Environmental Significance (MNES), mitigation measures applied to avoid adverse impacts on MNES and rehabilitation work undertaken in connection with any unavoidable adverse impacts on MNES.
- Non-compliance with the conditions of EPBC 2009/4977.
- Amendments to plans needed to achieve compliance with the conditions of EPBC 2009/4977.

This Annual Environmental Return Report covers the period from 21 February 2018 to 20 February 2019.

3. Background

On 21 February 2011, the Minister for Sustainability, Environment, Water, Population and Communities (now Minister for the Environment and Energy) (the Minister) approved the construction and operation of the LNG Facility subject to conditions under the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act). The Minister, through EPBC2009/4977, approved the proposed action of:

> *The development, construction, operation and decommissioning of a multi-train liquified natural gas (LNG) processing plant (LNG Facility) and associated ancillary onshore and marine facilities within the Curtis Island Industry precinct of the Gladstone State Development Area, in the south-west section of Curtis Island adjacent to Gladstone.*

The controlling provisions to which EPBC2009/4977 relates are:

- World Heritage Properties (sections 12 and 15A, EPBC Act).
- National Heritage Places (sections 15B and 15C, EPBC Act).
- Listed threatened species and communities (sections 18 and 18A, EPBC Act).
- Listed migratory species (sections 20 and 20A, EPBC Act).

Development of the coal seam gas fields associated with the APLNG Project is being completed under EPBC2009/4974, whilst operation of the gas pipeline to convey gas between the gas fields and the LNG processing plant is being completed under EPBC2009/4976.

The Final Investment Decision (FID) to proceed with the APLNG Project was taken on 28 July 2011.

3.1. Relationship to Western Basin Dredging and Disposal Project

A key component of the APLNG Project is the provision of marine and associated facilities to allow access to the Curtis Island site for construction and operation of the LNG Facility. All dredging referred to in EPBC2009/4977 was completed under an agreement with Gladstone Ports Corporation (GPC). GPC's Western Basin Dredging and Disposal Project (WBDDP) allows vessel access to the Curtis Island site through dredging and disposal of dredged material for the APLNG construction docks and Material Off-Loading Facility (MOF). Condition 2 and Conditions 31 to 41 of EPBC2009/4977 relate to dredging requirements for APLNG. These have been addressed in conjunction with the WBDDP EPBC2009/4904 approval. Reference is made to the following WBDDP documents which also provide records of compliance with APLNG's EPBC2009/4977, including:

- Dredge Management Plan (Aurecon, 2012).
- Annual Environmental Performance Report November 2013 (CQG Consulting, 2013).
- Environmental Impacts Briefing (GPC, 2013).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2013).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2014).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2015).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2016).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2017).
- Annual Compliance Report of Environment Protection and Biodiversity Conservation Act (EPBC) 2009/4904 (GPC, 2018).

3.2. LNG Facility Schedule and Transition

In late 2015, the LNG Facility commenced the transition from construction, commissioning and start-up to operations. Due to the Train 2 construction starting approximately six months after the Train 1 construction, there was a mixture of construction, commissioning and initial production activities undertaken on site during 2016 and 2017.

To date, works at the LNG Facility have involved:

- Stage 1 construction works, specifically site mobilisation which commenced on 23 May 2011 and construction commencement in 6 June 2011.
- Stage 2 construction works, bulk earthworks which commenced on 22 July 2011.

- Construction shipping activities which commenced on 22 July 2011.
- Dredging for construction docks and MOF by GPC as part of the WBDDP Project which commenced on 20 May 2011 and was completed in September 2013.
- Stage 3 works involving civil construction works of the LNG Facility, which in parts commenced on or after 1 October 2012 and 7 January 2013 respectively.
- Stage 4 Construction and commissioning of Train 1 was completed during 2015 with LNG production beginning in December 2015.
- Substantial completion of Train 1 was achieved on 30 June 2016.
- Construction and commissioning of Train 2 was completed during 2016 with LNG production beginning in October 2016.
- Substantial completion of Train 2 was achieved on 9 July 2017.

4. Condition Compliance

Condition 86 of EPBC2009/4977 Approval states:

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 impacts on MNES;

(c) Identifies all non-compliances with these conditions;

(d) Identifies any amendments needed to plan to achieve compliance with these conditions.

Condition 87 of EPBC2009/4977 Approval states:

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.

4.1. Compliance

Condition compliance status under EPBC2009/4977 is set out in Appendix 1, Active Compliance Status and Appendix 2, Inactive/Complete Compliance Status.

As construction and commissioning of the LNG Facility was completed in 2017 and it has previously been reported that the conditions have been satisfied, these have now been removed from active compliance tracking.

4.1.1. Unavoidable Impacts on Matters of National Environmental Significance

4.1.1.1. Listed migratory species

No known unavoidable impacts on listed migratory species are considered attributable to the operation of the LNG Facility.

Monitoring of the impacts of construction activities on the behaviour and population of migratory shorebirds in the vicinity of the LNG Facility was undertaken in summer 2012/2013, summer 2013/2014, summer 2014/2015 and summer 2015/2016, as planned. Monitoring was also completed in summer 2016/2017 to

identify potential changes as the LNG Facility moved into full operations. Monitoring has since been undertaken in January 2018 and February 2019 in accordance with the Migratory Shorebird Management Plan.

4.1.1.2. Listed threatened species

No known impacts on listed threatened species are considered attributable to the operation of the LNG Facility during the reporting period.

4.1.1.3. World Heritage Properties and National Heritage Places

No known unavoidable impacts have occurred to World Heritage Properties or National Heritage Places during the reporting period.

4.1.2. Mitigation Measures

No additional mitigation measures have been implemented as a result of unavoidable impacts on MNES.

4.2. Plan Amendments

No amended plans have been resubmitted to DOTEE as a result of an identified non-compliance or a request made by DOTEE.

No new or revised plans have been submitted to DOTEE as per condition requirements.

5. Acronyms and Definitions

Table 5.1 below lists certain abbreviations and terms used throughout this report.

Table 5.1. List of Abbreviations

Acronym/Term	Definition
APLNG	Australia Pacific LNG Pty Limited
AQIS	Australian Quarantine and Inspection Service
CEMP	Construction Environmental Management Plan
CIEMP	Curtis Island Environmental Management Precinct
ConocoPhillips Australia	ConocoPhillips Australia Pty Ltd
CSUEMP	Commissioning and Start Up Environmental Management Plan
DOTEE	Department of the Environment and Energy (formerly SEWPaC)
EIS	Environmental Impact Statement
EPBC Act	*Environment Protection and Biodiversity Conservation Act 2009* (Cth)
FID	Final Investment Decision
GAWB	Gladstone Area Water Board
GBRWHA	Great Barrier Reef World Heritage Area
GLNG	Gladstone LNG
GPC	Gladstone Ports Corporation
LNG	Liquefied Natural Gas
LNG Proponents	APLNG, GLNG, QCLNG
MNES	Matters of National Environmental Significance
MOF	Material Off-Loading Facility
OEMP	Operational Environmental Management Plan
Principal Construction Contractor	Contractor responsible for construction of the LNG Facility

Acronym/Term	Definition
Train	LNG liquefaction train
Q	Quarter (Calendar Year)
QCLNG	Queensland Curtis LNG
QGC	QGC Pty Limited (QCLNG operator)
QMP	Quarantine Management Plan
SEWPaC	Sustainability, Environment, Water, Population and Communities
WBDDP	Western Basin Dredging and Disposal Project

Appendix 1. Compliance Status – Active Conditions

#	Condition	Status	Comment
LNG plant and ancillary onshore and marine facilities site			
1	The LNG plant and ancillary onshore and marine facilities site is substantially in accordance with the area outlined on the map at Figure 1.	Compliant	The project footprint has been defined within the *Construction Environmental Management Plan*. A security fence defines the internal working boundary of the LNG Facility. APLNG has not carried out works extending outside of the boundary indicated in Figure 1 of EPBC2009/4977 during the reporting period.
Visual impact of construction and operation			
3	The proponent must minimise the visual impact of the construction and operation of the LNG Facility by:		APLNG has not identified any construction works performed outside of the boundary indicated in Figure 1 of EPBC2009/4977. Regular inspections and annual verification are completed to review compliance with this condition. The LNG plant and ancillary onshore and marine facilities were constructed within the site identified in Figure 1 of EPBC 2009/4977.
	a) Constructing the LNG plant and ancillary onshore and marine facilities within the site identified in Figure 1;	Compliant	
	b) Applying a colour scheme to the LNG facility and buildings, other than the LNG storage tanks and any necessary corrosion-protected structures and pipe insulation, from the palette of predominant colours found in the locality (Curtis Island) except where to do so would be in contravention of health and safety legislative requirements;	Compliant	A colour palette consistent with the predominant colours on Curtis Island has been used for permanent structures.
	c) Ensuring site works minimise tree (including mangrove) clearing, with stabilisation and rehabilitation works on disturbed areas fully implemented within twelve months of completing each component of the LNG Facility (the worker accommodation facility and associated infrastructure; LNG storage tanks; and LNG trains and ancillary equipment and infrastructure, including marine loading and offloading facilities); and	Compliant	All clearing works have been completed and stabilisation works have been undertaken progressively.

#	Condition	Status	Comment
	d) Minimising light spill and direct views of lights outside the LNG facility boundary except where to do so would be in contravention of health and safety legislative requirements.	Compliant	The minimisation of light spill is addressed in the *Operational Environmental Management Plan (27 July 2015)*.
Conduct of construction and operation workforce			
4	The proponent must not bring private motor vehicles onto the LNG site, or private watercraft into waters within 100 metres of the LNG site boundary, except for activities directly relating to pre-clearance surveys, site clearance, and the construction and operation of the LNG plant and ancillary onshore and marine facilities.	Compliant	This condition has been satisfied through compliance with the *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation*, (approved on 15 April 2016), induction processes, training packages and standard operating procedures. This condition is monitored through inspection points at entry and exit of the Curtis Island site and the mainland access point. Access beyond the operating footprint requires internal approval in accordance with standard operating procedures. An exclusion zone of 200 metres is monitored around the LNG loading jetty and enforced by GPC. Occasional unauthorised entries into the exclusion zone by private vessels have been recorded and reported to GPC for appropriate action.
5	The proponent must not bring animals and plants (including domestic cats and dogs and other potential pests and weeds), other than for landscaping and rehabilitation purposes onto the LNG plant and ancillary onshore and marine facilities site, or onto Curtis Island. *Note: For clarity, plants that are brought to Curtis Island for landscaping and rehabilitation purposes must be native Australian species sourced from the South Eastern Queensland and/or Brigalow Belt bioregion/s).*	Compliant	This condition has been satisfied through compliance with the *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation*, (approved on 15 April 2016), induction processes, training packages and standard operating procedures. This condition is monitored through inspection points at entry and exit of the Curtis Island site and the mainland access point. Access beyond the operating footprint requires internal approval.
6	Entry into the Curtis Island Environmental Management Precinct, as identified in Figure 2, must be prohibited for all the proponent's construction	Compliant	This condition has been satisfied by complying with the *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation*, (approved on 15 April 2016),

#	Condition	Status	Comment
	workers, construction contractors, and its employees, whilst they are rostered on shifts or accommodated by the proponent on Curtis Island, except with the prior consent in writing of the authority responsible for the management of this Precinct.		induction processes, training packages and standard operating procedures. All entry to the Curtis Island Environmental Management Precinct from the APLNG site is managed through an internal permitting process. No incidents have been recorded which indicate non-compliance with this condition.
7	An induction program must be implemented for all the proponent's employees and sub-contractors at the time or before they commence work on Curtis Island. The induction program must include:		This condition has been satisfied by complying with the *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation*, (approved on 15 April 2016), induction processes, training packages and standard operating procedures. The induction program has been implemented for all ConocoPhillips Australia's employees and contractors. A *Marine Support Vessel HSE Induction* is provided to the crew of marine support vessels with targeted information.
	a) An overview that clearly explains to all the proponent's employees and sub-contractors engaged on the construction and operation of the LNG Facility that they are working in a World Heritage Area and an explanation of the environmental values of the World Heritage Area;	Compliant	
	b) Information on listed species and ecological communities and other native species that are found in the area, and the related responsibilities of the proponent, its employees and subcontractors;	Compliant	
	c) An explanation of the Rodds Bay Dugong Protection Area, and Great Barrier Reef Marine Park zoning on the eastern side of Curtis Island, Rodds Peninsula and the Capricorn Bunker group, and the responsibilities of the proponent, its employees and subcontractors within and in relation to these areas. This explanation must include the provision of maps depicting the zones, an explanation as to what can and cannot be done	Compliant	

#	Condition	Status	Comment
	in the various zones, and information about how important the terrestrial and marine environments of the Capricorn Bunker group are to conserving biodiversity within the Great Barrier Reef Marine Park; and		
	d) Information that has the objective of fostering a culture of environmental awareness of the values of the area and also raises awareness among all employees and sub-contractors of the compliance and enforcement programs of the Great Barrier Reef Marine Park Authority and penalties that apply for offences.	Compliant	
8	The obligations under Conditions 4, 5, 6 and 7 must also apply to any visitors to the LNG site, or to Curtis Island, who are under the direction or control of the proponent.	Compliant	Since the transfer of the LNG Facility from the Principal Construction Contractor to ConocoPhillips Australia as operator, this condition has been satisfied for the proponent's employees and contractors by compliance with the *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation* (approved 15 April 2016), induction processes, training packages and standard operating procedures.
12	At least 60 business days before the commissioning of the first LNG train, the proponent must review, and if necessary revise, the Curtis Island environment protection code of conduct and implementation strategy and provide the Minister with evidence that this review has been carried out. If the Curtis Island environment protection code of conduct and/or implementation strategy are revised, the revised document or documents must be submitted to the Minister for approval within 20 business days of the review being finalised. Once the Minister has approved in writing the revised code of conduct and/or	Compliant	The *ConocoPhillips Australia Business Unit East Standard Operating Procedure Environmental Protection Code of Conduct Implementation* was submitted to DOTEE in February 2016 and approved on 15 April 2016. The Code of Conduct is being implemented through inductions, training packages and standard operating procedures.

#	Condition	Status	Comment
	implementation strategy, the approved code of conduct and/or implementation strategy must be implemented.		
Offsets			
16	The *Environmental Offsets Plan* must as a minimum include:		APLNG has addressed these requirements in the *Environmental Offsets Strategy* which was prepared for the APLNG Project and was submitted to DOTEE on 02 April 2012. The *Environmental Offsets Strategy was* superseded by the *Monte Christo Offset Proposal* which was prepared in association with GLNG and QCLNG and submitted to DOTEE in 2012. Conditions 16(a) and 16(b) were approved 27 September 2013, whilst Condition 16(c) was finalised on 02 December 2016, with the signing of the Memorandum of Understanding (ABUE-450-EN-C03-C-00001) with DOTEE's Reef Trust Section. Regular payments are being made to Reef Trust as per Condition 16(c).
	a) To offset direct impacts, the securing by the proponent of an offset property:	Compliant	
	(i) That contains attributes or characteristics at least corresponding with those of the LNG facility site; and	Compliant	
	(ii) At a ratio of no less than 5:1 of the LNG facility site area, excluding the proposed reclamation area (that is, a property of at least 1,153 ha in total area);	Compliant	
	b) A commitment by the proponent must use its best endeavours to secure National Park status for the offset property. At a minimum the proponent must ensure the retention and management for conservation purposes, under a secure permanent land tenure arrangement, of the offset property.	Compliant	
	c) to offset indirect impacts, a contribution of $200,000 per annum for the life of the project (indexed at CPI) and in addition $100,000 per annum (indexed at CPI) for each operating LNG Train (commencing upon commissioning of the relevant Train) to be provided to an entity or agency or government authority (such as the Reef Trust) agreed to by the Minister, for expenditure or investment in the Mackay/ Capricorn Section on environmental projects to	Compliant	

#	Condition	Status	Comment
	protect and manage the Great Barrier Reef World Heritage Area. *Note: For clarity, contributions or offsets agreed with the Queensland Government with respect to the LNG Facility site (e.g., including under the Environmental Management Precinct Agreement) may, in whole or in part, meet the requirements of condition 16(a).*		
20	Within 6 months of the final investment decision to proceed with the proposed action, the *Environmental Offsets Plan* must be submitted in writing for the approval of the Minister. The approved plan must be implemented. *Note: The Environmental Offsets Plan, or components of it, may be prepared and implemented in consultation with the Gladstone Ports Corporation or other bodies*.	Compliant	The *Environmental Offsets Strategy* was prepared for the APLNG Project and submitted to DOTEE on 2 April 2012. The *Environmental Offsets Strategy* was superseded by the *Monte Christo Offset Proposal* which was prepared in association with GLNG and QCLNG, submitted to DOTEE in 2012 and approved 27 September 2013. The *Monte Christo Offset Proposal* is being actioned, with transfer of the land to the State Government in progress.
Construction and operation environmental management requirements and plans			
29	The OEMP must be submitted for the approval of the Minister. Commissioning of the first LNG train must not occur without the approval in writing of the Minister. The approved plan must be implemented. *Note: To avoid doubt, if a condition of another approval held by the proponent requires a Construction Environmental Management Plan and/or Operational Environmental Management Plan, the proponent may simultaneously meet the relevant requirements of both conditions by submitting a single plan.*	Compliant	The *Operational Environmental Management Plan* was approved by the Minister on 14 August 2015. Substantial completion of Train 1 was achieved on 30 June 2016. Substantial completion of Train 2 was achieved on 9 July 2017. The *Operational Environmental Management Plan* is being implemented. Compliance reviews have not identified any findings impacting MNES.

#	Condition	Status	Comment
Shipping Activity Management Plan			
43	Subject to Condition 44 and 45, the plan required under Condition 42 must be submitted for the approval of the Minister before commencement. The action must not commence until the plan has been approved. The approved plan must be implemented.	Compliant	The *ABUE Shipping Activity Management Plan* (ABUE-450-EN-NOS-C-00015) was submitted to DOTEE on 16 April 2015 and approved by DOTEE on 22 July 2015. The first activity covered by this plan was LNG carrier berthing commissioning which commenced in December 2015 as part of commissioning and start-up activities. A revised *Shipping Activity Management Plan (*ABUE-450-EN-V01-C-00005, 01 September 2016) was approved on 27 October 2016. This plan is now being implemented with no records of non-compliance identified during the review process.
Quarantine Management Plan			
47	The QMP must be submitted for the approval of the Minister. Commencement must not occur without the approval in writing of the Minister. The approved *Plan* must be implemented. *Note: To avoid doubt, ilf a condition of another approval held by the proponent requires a Quarantine Management Plan, the proponent may simultaneously meet the relevant requirements of both conditions by submitting a single plan. The plan, or components thereof, may also be prepared and implemented in consultation with the Gladstone Ports Corporation or other bodies*.	Compliant	The *Biosecurity Management Plan* is being implemented at the LNG Facility site. Surveys and inspections are undertaken on a regular basis to identify potential pest flora and fauna species present on the site and to implement management and eradication processes. Vehicle inspection programs have been implemented as part of vehicle entry and demobilisation from site. No notifiable biosecurity incidents have been reported.
Environmental Management Plan – Water Mouse (*Xeromys myoides*)			
49	The *Water Mouse Environmental Management Plan* must be submitted for the approval of the Minister within 6 months of this approval. The plan must be implemented.	Compliant	A *Water Mouse Management Plan* was submitted to DOTEE for approval on 26 August 2011. The revised Plan was submitted 20 August 2013 for approval by the Minister. APLNG completed additional surveys in the Curtis Island Environmental Management Precinct and at the APLNG site to address comments on the revised Plan. The *Water Mouse Management Plan* was approved in May 2016 and is being implemented.

#	Condition	Status	Comment
			No incidents with the potential to harm the water mouse have been identified during the reporting period.
Environmental Management Plan – Migratory Shorebirds			
51	The *Migratory Shorebirds Environmental Management Plan* must be submitted for the approval of the Minister. Commencement, other than Construction Dock dredging, must not occur without approval. The approved plan must be implemented. *Note: To avoid doubt, the Migratory Shorebirds Environmental Management Plan may be prepared in consultation with the Gladstone Ports Corporation under conditions imposed for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).*	Compliant	A *Migratory Shorebird Management Plan* (APLN-000-EN-R01-D-10438 Revision 4, 17 March 2011) addressing the requirements of Condition 50 was submitted to DOTEE for approval on 17 March 2011. Following a response to feedback, approval was granted by DOTEE on 1 June 2011. A revised *Migratory Shorebird Management Plan* was submitted to DOTEE on 5 September 2016. The revised plan was approved on 01 August 2017. The *Migratory Shorebird Management Plan* is being implemented through monitoring of species presence and implementation of mitigation measures including management of light spill, fauna observations, noise management and site access limitations.
Long-term Marine Turtle Management Plan			
55	The *Turtle Management Plan* must be submitted for the approval of the Minister at least 3 months before the planned date of the commissioning of the first LNG train. The approved Plan must be implemented.	Compliant	The *LNG Proponents' Long-Term Turtle Management Plan* was issued to DOTEE for approval 15 February 2013. The Plan was approved by DOTEE on 2 July 2014 (APLN-DOTEE-APLN-L-000003). A revised Plan was submitted by QGC on behalf of all three proponents on 02 July 2015 and was approved by DOTEE on 03 August 2015. Implementation of the joint Plan has commenced as outlined in submitted Annual Reports. The Annual Report submitted in 2018 found that: "*There is no evidence from the information available for from discussion with key stakeholders that the LNG Facilities are having or have had a significant impact on marine turtles or their habitat.*".
56	Within 60 days of each anniversary of the approval of the plan the proponent must provide a review report ("the Report") of the effectiveness of the management measures and operating controls directed at avoiding impacts on the marine turtle species.	Compliant	The Annual Report was submitted to DOTEE on 30 August 2018 by APLNG on behalf of APLNG, QCLNG and GLNG.

#	Condition	Status	Comment
	Note: The review report may be provided by the Gladstone Ports Corporation or another entity on behalf of the proponent.		
57	If an impact on any of the marine turtle species is identified, the report must recommend improvements to the conduct of those operations and activities which are found to have a causal connection with the identified impact and provide the report to the Minister in writing within 30 days of identifying the impact. The Minister may require improvements to be implemented. *Note: To avoid doubt, if a condition of another approval held by the proponent requires a Turtle Management Plan, the proponent may simultaneously meet the relevant requirements of both conditions by submitting a single plan. The plan may also be prepared and implemented in consultation with the Gladstone Ports Corporation or other bodies.*	Compliant	The Annual Report was submitted to DOTEE on 30 August 2018 on behalf of APLNG, QCLNG and GLNG. The Annual Report submitted in 2018 found that: "*There is no evidence from the information available for from discussion with key stakeholders that the LNG Facilities are having or have had a significant impact on marine turtles or their habitat."*
Request for variation of plans by proponent			
65	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.	Compliant	No deviations from plans have required resubmission during the reporting period.
66	If the Minister approves a revised plan, then that plan must be implemented instead of the plan originally approved.	Compliant	No deviations from plans have required resubmission during the reporting period.
67	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Compliant	All previously approved plans are being implemented.

#	Condition	Status	Comment
Revisions to plans by the Minister			
68	If the Minister believes that it is necessary or desirable for the better protection of a relevant controlling provision for the action, the Minister may request the proponent to make, within a period specified by the Minister, specified revisions to a plan approved by the Minister under these conditions.	Compliant	APLNG is not aware of any request from DOTEE to revise the approved plans.
69	If the Minister makes a request for revisions to a plan, the proponent must:		APLNG is not aware of any request from DOTEE to revise the approved plans.
	a) Comply with that request; and	Compliant	
	b) Submit the revised plan to the Minister for approval within the period specified in the request.	Compliant	
70	The proponent must implement the revised plan, on written approval of the Minister.	Compliant	APLNG is not aware of any request from DOTEE to revise the approved plans.
71	Until the Minister has approved the revised plan, the proponent must continue to implement the original plan.	Compliant	APLNG is not aware of any request from DOTEE to revise the approved plans.
Minimum timeframes for consideration of plans			
72	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 any plan, unless otherwise agreed in writing between the proponent and the Minister.	Compliant	APLNG has met this requirement. No variation to this condition has been requested by APLNG.
Compliance with State environmental and other authorities			
73	The proponent must comply with all environmental authorisations issued by the State, including conditions of an environmental authority issued under the *EP Act*.	Compliant	DOTEE has been kept informed in a timely manner of all relevant State matters. Details of compliance with the issued Environmental Authority are provided annually to the State as per the required annual reporting process under the *Environmental Protection Act 1994* (Qld).
Provision of State plans			

#	Condition	Status	Comment
74	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.	Compliant	No requests were received during this period.
Timeframes			
75	If these conditions require the proponent to provide something by a specified time, a longer period may be specified in writing by the Minister.	Compliant	No requests for time extension have been requested in the reporting period.
Auditing			
76	On the request of and within a period specified by the Department, the proponent must ensure that:		APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
	a) An independent audit of compliance with these conditions is conducted; and	Compliant	
	b) An audit report, which addresses the audit criteria to the satisfaction of the Department, is published on the Internet and submitted to the Department.	Compliant	
77	Before the audit begins, the following must be approved by the Department:		APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
78	The audit report must include:		APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
	a) The components of the project being audited;	Compliant	
	b) The conditions that were activated during the period covered by the audit;	Compliant	
	c) A compliance/non-compliance table;	Compliant	
	d) A description of the evidence to support audit findings of compliance or non-compliance;	Compliant	
	e) Recommendations on any non-compliance or other matter to improve compliance;	Compliant	
	f) A response by the proponent to the recommendations in the	Compliant	

#	Condition	Status	Comment
	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.	Compliant	
79	The financial cost of the audit will be borne by the proponent.	Compliant	APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
80	The proponent must:		APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
	a) Implement any recommendations in the audit report, as directed in writing by the Department;	Compliant	
	b) Investigate any non-compliance identified in the audit report; and	Compliant	
	c) If non-compliance is identified in the audit report – take action as soon as practicable to ensure compliance with these conditions.	Compliant	
81	If the audit report identifies any non-compliance with the conditions, within 20 business days after the audit report is submitted to the Department the proponent must provide written advice to the Minister setting out the:		APLNG has not received an audit request relating to the LNG Facility from DOTEE during the reporting period.
	a) Actions taken by the proponent to ensure compliance with these conditions; and	Compliant	
	b) Actions taken to prevent a recurrence of any non-compliance, or implement any other recommendation to improve compliance, identified in the audit report.	Compliant	
	Note: To avoid doubt, independent third-party auditing may include audit of the proponent's performance against the requirements of	Compliant	

#	Condition	Status	Comment
	any plan required under these conditions.		
Reporting non-compliance			
82	The proponent must, when first aware of a non-compliance of any condition of this approval, or a plan required to be approved by the Minister under these conditions:		There have been no MNES related matters which required notification during the current reporting period.
	a) Report the non-compliance and remedial action to the Department within five business days; and	Compliant	
	b) Bring the matter into compliance within a reasonable timeframe agreed to, in writing by the Department.	Compliant	
Record-keeping			
83	The proponent must:		APLNG has an Operational Management System in place which documents plans, procedures, incidents response and corrective actions. No request for records relating to the LNG Facility has been made by DOTEE
	a) Maintain accurate records substantiating all activities associated with or relevant to these conditions of approval, including measures taken to implement a plan approved by the Minister under these conditions; and	Compliant	
	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 of approval.	Compliant	
	Note: Summaries of audits carried out under these conditions, or under section 458 of the *EPBC Act*, will be posted on the Department's website. The results of such audits may also be publicised through the general media.	Noted	
Financial assurance			
84	The proponent must:		

#	Condition	Status	Comment
	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	Compliant	APLNG has not received a financial assurance request relating to the LNG Facility from DOTEE during the reporting period. It should be noted that financial assurance is provided for the LNG facility under Queensland's financial assurance framework.
	b) Review and maintain the amount of financial assurance based on proponent reporting on compliance with these conditions, and any auditing of the activities.	Compliant	
85	The financial assurance is to remain in force until the Minister is satisfied that no claim is likely to be made on the assurance. *Note: The financial assurance may be used for rehabilitation of habitat and other purposes not addressed adequately by the proponent during the life of the project.*	Compliant	APLNG has not received a financial assurance request relating to the LNG Facility from DOTEE during the reporting period.
Annual Environmental Returns			
86	The proponent must produce an *Annual Environmental Return* which:		Refer to this *Annual Environmental Return* for the period 21 February 2018 to 20 February 2019.
	a) Addresses compliance with these conditions;	Compliant	
	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 impacts on MNES:	Compliant	
	c) Identifies all non-compliances with these conditions;	Compliant	
	d) Identifies any amendments needed to plan to achieve compliance with these conditions.	Compliant	
87	The proponent must publish the *Annual Environmental Return* on its website within 20 calendar days of each	Compliant	The *Annual Environmental Return* for the period 21 February 2018 to 20 February 2019 will be published on the APLNG website prior to 12 March 2019.

#	Condition	Status	Comment
	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.		The previous report was published on the website on 06 March 2018.
Survey data			
88	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. The data must be collected and recorded to conform to data standards notified from time to time by the Department.	Compliant	APLNG has not received a request for survey data relating to the LNG Facility from DOTEE.
Publication of plans			
89	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.	Compliant	All approved plans are available on the APLNG website (www.aplng.com.au)
90	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.	Compliant	APLNG has not received a request from DOTEE to publish a plan relating to the LNG Facility on the internet.

Appendix 2. Compliance Status – Inactive/Complete Conditions

#	Condition	Status	Description
LNG plant and ancillary onshore and marine facilities site			
2	Dredging is to be limited to a maximum of 900,000m^3 for the construction dock on Curtis Island.	Not Applicable/ Complete	Construction is complete, therefore, condition is consideredsatisifed. Refer to previous Annual Reports for further details on compliance.
Conduct of construction and operation workforce			
9	Within 20 business days of the final investment decision to proceed with the proposed action, the proponent must submit to the Minister for approval:		Construction is complete, therefore, condition is considered satisfied. Refer to previous Annual Reports for further details on compliance.
	a) A Curtis Island environment protection code of conduct for the construction workforce while on site and while travelling to and from the mainland and the construction site; and	Compliant/	
	b) A code of conduct implementation strategy for enforcing compliance with the Curtis Island environment protection code of conduct.	Compliant/ Complete	
10	The code of conduct shall include, but not necessarily be limited to, the requirements set out in Conditions 4, 5, 6 and 7.	Compliant/ Complete	Construction is complete, therefore, condition is considered satisfied. Refer to previous Annual Reports for further details on compliance.
11	The approved Curtis Island environment protection code of conduct must be implemented.	Compliant/ Complete	Construction is complete, therefore, condition is considered satisfied. Refer to previous Annual Reports for further details on compliance.
Offsets			
13	An *Environmental Offsets Plan* to offset the loss of habitat and associated World Heritage and National Heritage values caused by the construction and operation of the LNG facility must be developed.	Compliant/ Complete	An *Environmental Offsets Strategy* was prepared for the APLNG Project. The Strategy has been superseded by the *Monte Christo Offset Proposal* which was prepared in association with GLNG and QCLNG, submitted to DOTEE in 2012 and approved on 27 September 2013.
14	The *Plan* must address, but not necessarily be limited to, impacts on vegetation, biodiversity and landscape aesthetics arising from:		An *Environmental Offsets Strategy* was prepared for the APLNG Project. The Strategy has been superseded by the *Monte Christo Offset Proposal* which was prepared in association with GLNG and QCLNG, submitted to DOTEE in 2012 and approved on 27 September 2013.
	a) The development and operation of the LNG facility;	Compliant/ Complete	

	b) Other activities on Curtis Island that are associated with the LNG facility (including workers' accommodation facilities, port works for the project, and ancillary works); and	Compliant/ Complete	Condition 14(c) has been addressed through the Long-Term Turtle Management Plan (APLN-000-EN-R01-V-15752) and Condition 16(c) regarding GBRWHA funding commitments.
	c) Increased risks to biodiversity values of the World Heritage and National Heritage property arising from increased shipping movements and other subsequent or indirect impacts beyond the immediate development site such as water quality impacts and increased recreational access arising from the development and operation of the LNG facility.	Compliant/ Complete	
15	The *Plan* must detail:		APLNG addressed these requirements in the *Environmental Offsets Strategy* which was prepared for the APLNG Project. The Strategy has been superseded by the *Monte Christo Offset Proposal* which was prepared in association with GLNG and QCLNG, submitted to DOTEE in 2012 and approved on 27 September 2013. Conditions 15(a), 15(b), 15(e), 15(f), 15(g), 15(h) were approved 27 September 2013. Subsequent correspondence from DOTEE on 23 December 2013 approved conditions 15(c) and 15(d).
	a) The principles adopted in the *Plan*. These principles must reflect the objective of identifying, protecting, conserving, presenting, transmitting to future generations and, if necessary, rehabilitating, the World Heritage and National Heritage values of the Great Barrier Reef property;	Compliant	
	b) The predicted total loss (in extent and type) of areas of ecological and aesthetic value, (including remnant vegetation, high value regrowth, significant conservation species, habitat, biodiversity corridors, scenic vistas of outstanding natural beauty);	Compliant	
	c) The methodology for identifying the requirements for environmental offsets for specific components of the LNG facility over the life of the project;	Compliant	
	d) A proposed timeline for implementing the *Environmental Offsets Plan*;	Compliant	

	e) Relevance to any Commonwealth or State government requirements for offsets;	Compliant	
	f) In relation to any land retained at the time of preparation of the *Plan*, the location, size and environmental values of the offsets (land);	Compliant	
	g) In relation to any land retained at the time of preparation of the *Plan*, the management measures, including funding, required to secure, maintain and enhance the values of the proposed offset (land); and	Compliant	
	h) A system for reporting to the Minister on offset arrangements, their management and how offset values are being maintained.	Compliant	
17	Subject to Condition 18, any property that is purchased or otherwise retained under a secure land tenure arrangement for the purposes of the *Environmental Offsets Plan* must be located within the Great Barrier Reef World Heritage Area, preferably on Curtis island or nearby.	Compliant/ Complete	Condition has been achieved and is consideredsatisfied. Refer to previous Annual Reports for further details.
18	If, within the Great Barrier Reef World Heritage Area (GBRWHA), no area of land containing attributes or characteristics at least corresponding with those of the LNG facility site can be secured and protected in the manner described in Condition 16 within 24 months of the Minister's approval of this project, an alternative proposal and timetable for acquiring (by purchase, lease or otherwise) property other than in the GBRWHA must be provided to the Minister for approval in writing.	Compliant/ Complete	Condition has been achieved and is considered satisfied. Refer to previous Annual Reports for further details.

19	To avoid doubt, the offset required under Condition 16 is additional to any similar offset required under an *EPBC Act* condition of approval for another proponent for an LNG facility on Curtis Island.	Compliant/ Complete	Condition has been achieved and is consideredsatisfied. Refer to previous Annual Reports for further details.
Construction and operation environmental management requirements and plans			
21	At least one week before the commencement of clearance of native vegetation associated with the construction and operation of the LNG plant, the proponent must undertake pre-clearance surveys to check for the presence of listed ecological communities, listed threatened species, listed migratory species, their habitat, and species identified as contributing to the World Heritage and National Heritage values of the Great Barrier Reef World Heritage Area.	Compliant/ Complete	Condition has been achieved and is considered satisfied. Refer to previous Annual Reports for further details.
22	Pre-clearance surveys must:		Condition has been achieved and is considered satisfied. Refer to previous Annual Reports for further details.
	a) Be undertaken consistent with the Department's survey guidelines in effect at the time of the survey. This information can be obtained from http://www.environment.gov.au/epbc/guidelines-policies.html#threatened;	Compliant/ Complete	
	b) Take account and reference previous ecological surveys undertaken by the proponent for the area and relevant new information on likely presence of MNES;	Compliant/ Complete	
	c) Be undertaken by a suitably qualified ecologist approved in writing by the Department;	Compliant/ Complete	
	d) Document the survey methodology, targeted species and ecological communities, results and significant findings in relation to MNES; and	Compliant/ Complete	
	e) Apply best practice site assessment and ecological survey methods appropriate for each listed threatened	Compliant/ Complete	

	species, listed migratory species, their habitat, and listed ecological communities. Pre-clearance survey reports (which document the methods used and the results obtained) must be published by the proponent on the internet before commencement and provided to the Department on request.		
23	If a listed threatened species or migratory species or their habitat, is found during the pre-clearance surveys undertaken as required by Condition 21, and is not specified in Conditions 48-57 inclusive, the proponent must submit a separate management plan for each such species, ecological community or other MNES, to manage the impacts of construction and operation of the LNG facility. Each such plan must be submitted before the commencement of construction of the LNG facility. Each plan must include:		Condition has been achieved and is, therefore, consideredsatisfied. Refer to previous Annual Reports for further details.
	a) A map of the location of species of species habitat in relation to the LNG facility and its associated infrastructure;	Compliant/ Complete	
	b) A description of the measures that will be employed to avoid impact on the species or species habitat	Compliant/ Complete	
	c) Where impacts are unavoidable, and if an impacted species is not specified in Conditions 48-57 inclusive, propose offsets to compensate for the impact on the population or impact on the species habitat	Compliant/ Complete	
26	The CEMP, or a stage of the CEMP, must be submitted for the approval of the Minister. Commencement of the action to which the staged CEMP	Compliant/ Complete	Construction is complete, therefore, condition is considered satisified. Refer to previous Annual Reports for further details on compliance.

	relates must not occur without the approval in writing of the Minister of the CEMP. The approved plan must be implemented.		
24	Before commencement the proponent must prepare a *Construction Environmental Management Plan* (CEMP). The CEMP may be submitted in stages (Staged CEMP) in which case commencement of a stage covered by the staged CEMP cannot commence until submitted and approved by the Minister.	Compliant/ Complete	Construction is complete, therefore, condition is considered satisfied. Refer to previous Annual Reports for further details on compliance.
25	The CEMP must address, but not necessarily be limited to, an identification of all activities with potential to adversely impact on MNES proposed to be undertaken during the construction of LNG facilities, including the construction camp and supporting facilities and the marine facilities on Curtis Island. The CEMP must include:		Construction is complete, therefore, condition is considered satisfied. Refer to previous Annual Reports for further details on compliance.
	a) Design plans showing the type and extent of the works proposed;	Compliant/ Complete	
	b) A construction schedule and methodology, including plans and maps showing discharge points and emission controls for all construction stages;	Compliant/ Complete	
	c) An environmental monitoring and a sampling program which details baseline data collection and provides the basis for ongoing monitoring of specified parameters for the construction and operational phases, including appropriate triggers for mitigation and cessation of works, including pile driving, and reporting mechanisms that ensure reporting to the Minister within one business day of	Compliant/ Complete	

	injury to, or mortality of, an individual or individuals of EPBC listed threatened or migratory species caused by construction activities;		
	d) Any potential impacts or effects of the proposed works on the environment during the construction phase and the means by which adverse impacts will be avoided or mitigated; including measures to minimise light emission onto the water from the loading jetty and construction docks during construction;	Compliant/ Complete	
	e) Details of the sewage treatment plant and desalination plant, including: (i) Design and operational performance information for sewage treatment and desalination (including acoustic performance of pumps and other machinery); (ii) Design and operational performance information for any outfalls and diffusers for emissions, including liquid and solid emissions into Port Curtis including detailed analysis of existing water quality, effluent contaminants, acute and chronic toxic effects of contaminants on fauna and flora and any long term ecological effects from outfalls and emissions; (iii) A detailed description of impacts from the discharge of treated sewage and brine. Source water quality data and characteristics of additives must be provided, and the disposal methods to be used must be described in the plan. The information must be used to determine the site-specific mitigation measures proposed, including monitoring and reporting regimes;	Compliant/ Complete	

	(iv) Information on the eco-toxicity of effluent at the point of release, in the mixing zone, and cumulative impacts of contaminants in the marine ecosystem over time; (v) The assumptions, adequacy, and limitations of any modelling used to predict the dimensions and duration of the mixing zone.		
	f) Details on any other plant, equipment or activities that involve emissions to the environment, including: (i) A description of the plant, equipment or activities; (ii) Design and operational performance information for plant, equipment or activities; and (iii) The potential for unforeseen or accidental incidents and proposed responses to these incidents.	Compliant/ Complete	
	g) A detailed list of waste streams including their handling, treatment and disposal arrangements;	Compliant/ Complete	
	h) The environmental protection commitments proposed for the activities (including all associated accommodation and recreation activities on the Island) to protect the environmental values under best practice environmental management;	Compliant/ Complete	
	i) A rehabilitation program for land proposed to be disturbed during construction of all infrastructure (including associated accommodation and recreation activities) on Curtis Island;	Compliant/ Complete	
	j) Details of a response plan, with appropriate triggers, which will be initiated in response to any significant	Compliant/ Complete	

	impacts on the environment from the works;		
	k) Identification and characterisation of all wastes and emissions produced by the LNG facility and its associated support infrastructure including its source, handling, treatment, disposal or release to the environment.	Compliant/ Complete	
27	Before the commissioning of the first LNG train, an *Operational Environmental Management Plan* (OEMP) must be prepared.	Compliant/ Complete	This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
28	The OEMP must address the matters required to be included in the CEMP while incorporating changes and any additions the proponent believes are necessary to reflect the shift from the construction phase to the operational phase.	Compliant	This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
Discharge of sewage effluent			
30	Any discharge of treated sewage effluent into the waters surrounding Curtis Island must, at minimum, meet the definition of tertiary treatment as specified in section 135(3) of the *Great Barrier Reef Marine Park Regulations 1983* and be in accord with *GBRMPA Sewage Discharge Policy March 2005*, unless studies required to develop the CEMP under Conditions 24 and 25 indicate that more stringent pollutant limits are necessary.	Not Applicable	The treatment of sewage was removed from the scope of the APLNG Project, therefore, this condition is no longer applicable.
Dredging Management Plan – Construction Dock			
31	For the construction dock, the proponent must submit to the Minister a *Dredging Management Plan* which must include:		All dredging and dredge disposal required for the LNG Facility was undertaken as part of Gladstone Ports Corporation Limit's *Western Basin Dredging and Disposal Project (WBDDP)* (EPBC 2009/4904). DOTEE approved the *WBDDP Dredge Management Plan Stage 1* on 20 April 2011 incorporating the dredging works proposed in the APLNG EIS for the LNG Facility.
	a) Mapping of significant and sensitive receptors around the marine facilities, with linkages	Not Applicable	

	to applicable monitoring programs;		Following completion of the dredging and dredge disposal required for the LNG Facility, Gladstone Ports Corporation Limited continues continue to carry out all environmental monitoring and other activity required by EPBC 2009/4904.
	b) Assessment of all potential and real environmental risks to matters protected by the *EPBC Act* from dredging activities;	Not Applicable	
	c) Appropriate measures (for example mitigation measures, performance indicators/trigger levels and corrective actions/management actions) that will ensure that there are no unacceptable impacts on the Great Barrier Reef World Heritage Area, Great Barrier Reef National Heritage Place, EPBC listed threatened or migratory species. These must include:	Not Applicable	
	(i) Operating procedures to minimise injury to, or mortality of, *EPBC Act* listed threatened or migratory species from dredging activities or construction activities; (ii) Reporting mechanisms that ensure reporting to the Minister within one business day of the proponent becoming aware of injury to, or mortality of, an EPBC listed threatened or migratory species caused by dredging activities; (iii) Management triggers, based on results obtained from the Water Quality Monitoring Program, including a reporting requirement to advise the Department in writing within one working day when triggers are exceeded; (iv) Contingency measures, based upon results of water quality and applicable research and monitoring programs, when dredging operations must be varied or suspended; (v) Measures that minimise the risk of introduced marine pest species, including ballast-water management and vessel	Not Applicable	

	inspections for any non-domestic vessels; and (vi) Responsive actions that will be undertaken in the event contingency measures are employed, including reporting to the Minister.		
	d) Details of dredge spoil placement; and	Not Applicable	
	e) Provisions to sample and analyse dredge spoil composition.	Not Applicable	
32	The *Dredging Management Plan* must be submitted for the approval of the Minister. Commencement of dredging must not occur without approval. The approved plan must be implemented.	Not Applicable	Refer to Condition 31.
33	A dredge management plan satisfying State requirements and addressing the matters identified in this condition will be deemed to have been submitted and approved. *Note 1: Applicable research and monitoring programs may include programs undertaken in accordance with conditions attached to the approval for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).* *Note 2: These conditions do not prevent the Gladstone Ports Corporation, on behalf of the proponent, from submitting a single dredge management plan which relates to both dredging for the construction dock under these conditions, and dredging undertaken under conditions attached to the approval for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).*	Not Applicable	Refer to Condition 31.
Dredging and dredge disposal – Material Offloading Facility			
34	Dredging and disposal of dredge material associated with the Material Off-Loading	Not Applicable	Refer to Condition 31.

	Facility is to be undertaken in accordance with conditions imposed under and by the holder of the approval for the *Gladstone Western Basin Dredging and Disposal Project* (EPBC 2009/4904). *Note: This condition does not prevent the proponent from undertaking dredging on behalf of the Gladstone Ports Corporation, under conditions attached to the approval for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).*		
Dredging operations – Construction Dock			
35	The proponent must not undertake any underwater dredge material rehandling.	Not Applicable	Refer to Condition 31.
36	Only one Trailer Suction Hopper Dredge (TSHD) is permitted to operate within Gladstone Harbour at any given time.	Not Applicable	Refer to Condition 31.
37	When the TSHD is in use, a maximum of two cutter suction dredges may operate at any given time unless otherwise prescribed in an approved Water Quality Monitoring Program required under conditions attached to the *Gladstone Western Basin Dredging and Disposal Project* (EPBC 2009/4904).	Not Applicable	Refer to Condition 31.
38	The TSHD must not operate in overflow mode except during the last one hour of flood tide and first three hours of ebb tide unless otherwise in accordance with the approved Water Quality Monitoring Program.	Not Applicable	Refer to Condition 31.
39	The TSHD must not operate in overflow mode for more than 30 minutes per cycle, with no more than two cycles per tide unless otherwise in accordance with the approved Water Quality Monitoring Program.	Not Applicable	Refer to Condition 31.

40	Where construction and/or dredging methods with lower environmental impacts are identified to be practical, these methods must be implemented.	Not Applicable	Refer to Condition 31.
41	In this condition, "at any given time" means at any given time with any other dredging operations being undertaken by another holder of an approval relating to dredging activities in the Port of Gladstone. *Note: Similarly to conditions attached to the approval for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904), these conditions are intended to limit the number of dredges being operated at any one time in Port Curtis.*	Not Applicable	Refer to Condition 31.
Shipping Activity Management Plan			
42	The proponent must prepare a *Shipping Activity Management Plan* ('the Plan') for shipping undertaken by or under the control of the proponent which includes:		Construction shipping activities have ceased. A revised *Shipping Activity Management Plan (*ABUE-450-EN-V01-C-00005, 01 September 2016) was approved on 27 October 2016 covering operational phase shipping.
	a) Provision for the protection of Dugongs (*Dugong dugong*); Green Turtles (*Chelonia mydas*); Loggerhead Turtles *(Caretta caretta*); Flatback Turtles (*Natator depressus*); Water Mouse, (*Xeromys myoides*) and the seagrass species *Halodule uninervis, Halophila ovalis, Halophila decipens, Halophila minor, Halophila spinulosa,* and *Zostera capricorni*;	Compliant	
	b) Identification of the habitats, activities, and environmental tolerances in relation to the shipping activity associated with this referral for the species specified in Condition 42(a);	Compliant	

	c) To minimise environmental disturbance to the species mentioned in Condition 42(a): (i) Limits on vessel speeds, including speeds for particular vessel types; (ii) Limits on vessel movements, including the use of thrusters; and (iii) Limits on vessel light and sound.	Compliant	
	d) A comprehensive outline of mitigation measures and controls for each of the types of shipping activities to minimise their impact on the species mentioned in Condition 42(a), including actions to: (i) Prevent and respond to the impact of accidental fuel, oil or chemical spills; (ii) Minimise the impact of marine discharges, including those associated with vessel cleaning, anti-fouling and waste disposal; (iii) Minimise disturbance to the seagrass species mentioned in Condition 42(a); (iv) Minimise the impact of bow-wash on Water Mouse (*Xeromys myoides*) nesting sites; and (v) Proposed remedial action in the event of any impacts directly attributable to the proponent's shipping activities on the species specified in Condition 42(a), and the habitats identified in Condition 42(b), including a feasible and beneficial offsets strategy.	Compliant	
	e) A comprehensive outline of monitoring arrangements to determine the impact of shipping activity on the species specified in Condition 42(a), which includes: (i) Recommendations on the timing and frequency of species surveys;	Compliant/ Complete	

	(ii) Proposed monitoring arrangements; and (iii) The nature and frequency of proposed reporting arrangements.		
44	The plan required under Condition 42 may be provided in two parts, to address:		This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
	a) Shipping associated with the construction of the LNG plant; and;	Compliant/ Complete	
	b) LNG tanker operation and LNG tanker activities.	Compliant/ Complete	
45	If the plan required under Condition 42 is provided in two parts, each part must be provided before the commencement of the activity to which that part relates. *Note: The requirements under Condition 42 may be included in a plan which the proponent provides to the State, including in a Marine Traffic Management Plan or a Shipping Transport Management Plan. If these State plans are provided for this purpose, that plan should explicitly state that it is also provided for the purposes of this condition, and clearly reference matters addressing the requirements above. It is acknowledged that, before approval of the first part of the Plan, minor vessel movements may be undertaken to facilitate early site access including for the initial construction of the Construction Dock.*	Compliant/ Complete	Refer to Condition 44.
Quarantine Management Plan			
46	Before the commencement of construction of the LNG plant and ancillary onshore facilities, the proponent must prepare a *Quarantine Management Plan* (QMP). The objectives of the QMP are to prevent the introduction of non-endemic species on to Curtis Island. The		Construction is complete. Refer to previous Annual Reports for further details on compliance. A revised *Biosecurity Management Plan (*ABUE-450-EN-V01-C-00009) was submitted to DOTEE on 14 August 2017 and was approved on 13 October 2017.

	QMP must include measures to:		
	a) Detect pests and weeds, and prevent weed introduction and/or proliferation;	Compliant	
	b) Control and, unless otherwise determined by the relevant State authorities, eradicate detected non-indigenous terrestrial species (including weeds);	Compliant	
	c) Mitigate adverse impacts of any control and eradication actions on indigenous species taken against detected pests and weeds;	Compliant	
	d) Assess risk, manage supply chains, and manage and inspect vessels;	Compliant	
	e) Mitigate any pest or weed impacts;	Compliant	
	f) Report and record any quarantine incidents;	Compliant	
	g) Identify performance standards to be achieved by the QMP; and	Compliant	
	h) Undertake a review of the QMP and identify the need for any further studies	Compliant	
	Note: To avoid doubt, the QMP may be submitted in stages, for example to cover the period prior to any planned direc arrival at the MOF of intneral imorts, and after this time.	Noted	
Environmental Management Plan – Water Mouse (*Xeromys myoides*)			
48	To protect the Water Mouse (*Xeromys myoides*), the proponent must submit to the Minister an *Environmental Management Plan* (the *Water Mouse Environmental Management Plan*) which must include:		This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
	a) Results of a pre-clearance survey undertaken at the appropriate time and season for the species;	Compliant/ Complete	
	b) A map of the location of potential habitat for the Water Mouse in proximity to the LNG	Compliant/ Complete	

	plant and ancillary onshore and marine facilities;		
	c) Measures that will be employed to avoid impacts on the Water Mouse or its potential habitat; and	Compliant/ Complete	
	d) If impacts on the Water Mouse or its potential habitat are unavoidable, propose offsets to compensate for the impacts.	Compliant/ Complete	
	Note: To avoid doubt, if a condition of another approval held by the proponent requires a Water Mouse Environmental Management Plan, the proponent may simultaneously meet the relevant requirements of both conditions by submitting a single plan. The plan may also be prepared in consultation with the Gladstone Ports Corporation in accordance with conditions imposed for the Gladstone Western Basin Dredging and Disposal Project (EPBC 2009/4904).		
Environmental Management Plan – Migratory Shorebirds			
50	a) The proponent must submit to the Minister an *Environmental Management Plan* (the *Migratory Shorebirds Environmental Management Plan*) which includes measures for:	Compliant	This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
	b) Managing the impacts of the action on listed Migratory Shorebirds including but not limited to the Whimbrel (*Numenius phaeopus)* and the Terek Sandpiper (*Xenus cinereus)*;	Compliant	
	c) Determining baseline population densities and habitat utilisation for migratory shorebirds on or contiguous to the proponent's LNG facility site including, at a minimum, undertaking annual/twice annual surveys during	Compliant	

	northwards and southwards migrations;		
	d) Minimising impacts from noise and light on the feeding and roosting sites of listed migratory shorebirds; and	Compliant	
	e) Monitoring the effect of the construction of the marine facilities on shorebirds, including but not limited to, and to the extent relevant: (i) Dredge vessel movement; (ii) Pile driving; (iii) Construction dredging; (iv)Noise impulse levels; (v) Light spill; (vi) Water quality reduction; (vii) Decreased access to intertidal foreshore habitat; (viii) Increased sedimentation; and (ix) Displacement.	Compliant	
Long-term Marine Turtle Management Plan			
52	Within six months of this approval, the proponent must:		This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
	a) Contribute an initial amount of $150,000 towards preparation of a long term marine turtle management plan; and	Compliant/ Complete	
	b) Participate in industry wide discussions with the Gladstone Ports Corporation and other port users (including LNG proponents) with a view to establishing a long term marine turtle management plan and future funding requirements for the plan.	Compliant/ Complete	
53	If terms of the long term marine turtle management plan cannot be agreed on an industry wide basis (within the Port of Gladstone) within six months of this approval, then the proponent must prepare a long term marine turtle management plan in consultation with other LNG proponents who have confirmed an intention to	Compliant/ Complete	This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.

	establish an LNG Facility on Curtis Island.		
54	The plan (in either case referred to in 52 and 53 above), must include:		This condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
	a) A program to establish comprehensive baseline information on populations of marine turtles that utilise the beaches and nearby waters of Curtis and Facing Island (including the Green Turtle *Chelonia mydas*, the Loggerhead Turtle *Caretta*, and the Flatback Turtle *Natator depressus*);	Compliant/ Complete	
	b) A monitoring program to measure and detect changes to the marine turtle populations over a period of at least 10 years from commencement of the program. Monitoring methods must have the ability to detect changes at a statistical power of 0.8, or an alternative statistical power as determined in writing by the Minister;	Compliant/ Complete	
	c) The identification of significant activities relating to the construction and operation of LNG facilities (or in the case of an industry wide plan, activities within the Port of Gladstone) with the potential to cause adverse impacts on marine turtles;	Compliant/ Complete	
	d) Management measures including operating controls and design features to help manage and avoid adverse impacts to marine turtles shown to be adversely impacted by LNG operations (or in the case of an industry wide plan, activities conducted within the Port of Gladstone). In relation to the LNG operations, management measures will include any reasonable and practicable	Compliant/ Complete	

	measures found necessary or desirable to minimise disturbance to marine turtles from gas flaring, and from lighting of the LNG plant and ships moored at the loading berth (except where the adoption of measures would be in contravention of health and safety legislative requirements).		
	e) Identification of annual contributions by the proponent, other LNG proponents who have confirmed an intention to establish an LNG Facility on Curtis Island and, in the case of an industry wide plan, contributions by other port users.	Compliant/ Complete	
Decommissioning Plan			
58	Unless the proponent advises the Department that it cannot decommission the site or sites where the LNG plant and ancillary onshore and marine facilities are located, because of lawful continuing use rights by a third party (that might include the State of Queensland), at least five years before the planned date of cessation of operations of the LNG Facility and associated infrastructure on Curtis Island the proponent must develop a *Decommissioning Plan*. The *Plan* must:	Not applicable/ Inactive	Condition will be satisfied at least 5 years prior to planned date of decommissioning.
	a) Ensure that, following the cessation of operations at the LNG Facility and associated infrastructure on Curtis Island, decommissioning arrangements are prepared;	Not applicable/ Inactive	
	b) Define a timetable for the future implementation of decommissioning including for: (i) The removal of remnant infrastructure and works that interfere with natural coastal	Not applicable/ Inactive	

	processes, and human recreational and commercial activities; (ii) The return of sediment levels and water quality in the immediate area of the LNG Facility to pre-construction background levels; and (iii) The rehabilitation of the LNG Facility and associated sites to their natural state, and their ongoing management during rehabilitation.		
59	If decommissioning does not commence on the date proposed in the initial *Decommissioning Plan*, the proponent must review the decommissioning plan before each subsequent third anniversary of the date of the submission of the initial decommissioning plan over the operational life of the LNG facility. The proponent must advise the Minister in writing of the outcomes of this review, including any proposed changes to the decommissioning plan. Any proposed changes to the decommissioning plan must be approved in writing by the Minister.	Not applicable/ Inactive	Condition will be satisfied at least 5 years prior to decommissioning.
60	The *Decommissioning Plan* must be submitted for the approval of the Minister. Decommissioning must not occur without approval of the Minister. Subject to Condition 58 the approved *Plan* must be implemented on decommissioning.	Not applicable/ Inactive	Condition will be satisfied at least 5 years prior to decommissioning.
Joint Plans			
61	A management plan required under these conditions may comprise a plan (a joint plan) submitted by the Gladstone Ports Corporation under conditions of approval for the *Western Basin Dredging and*	Compliant	Condition has beensatisfied. Refer to previous Annual Reports for further details on compliance.

	Disposal Project (EPBC 2009/4904) or another LNG proponent. If a joint plan is submitted by the GPC or another LNG proponent for this purpose, it must also be specified as a plan for the purpose of (as relevant) these conditions.		
62	If a joint plan is submitted under these conditions the plan may specify roles and responsibilities of the proponent, and the roles and responsibilities of another person. A role and responsibility of the proponent must be implemented by the proponent, unless otherwise specified in the joint plan. *Note: The purpose of this condition is to allow a single management plan to be submitted by different proponents to satisfy the requirements of conditions of separate but related approvals, so that actions with related potential impacts may be considered and addressed cumulatively.*	Compliant	Condition has been satisfied. Refer to previous Annual Reports for further details on compliance.
Notification of commencement			
63	Within 20 business days of commencement of the action, the proponent must advise the Department in writing of the actual date of commencement.	Compliant/ Complete	This condition has been satisfied. Refer to previous Annual Reports for further details of compliance.
64	If, at any time after five years from the date of this approval, the Minister notifies the proponent in writing that the Minister is not satisfied that there has been commencement of the action, the action must not commence without the written agreement of the Minister.	Compliant/ Complete	This condition has been satisfied. Refer to previous Annual Reports for further details of compliance.