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INDEPENDENT COMPLIANCE AUDIT REPORT 2022

EPBC 2010/5642

V1

RTA Weipa Pty Ltd – Amrun Project

15 June 2022

RIO-012

Document Control Sheet

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1 EXECUTIVE SUMMARY

RTA Weipa Pty Ltd gained Commonwealth approval on 14 May 2013 to construct and operate a bauxite mine and associated processing and port facilities south of the existing operations at Weipa. The Project involves a staged increase in production to 50 million dry product tonnes per annum of bauxite. Physical works associated with the first construction stage are substantially complete and operations commenced 2nd December 2018.

As part of the Conditions of approval, RTA Weipa is required to ensure that an independent compliance audit is undertaken in three years. Ardent Group Pty Ltd has been contracted by RTA Weipa Pty Ltd to undertake an independent environmental compliance audit to determine compliance with the EPBC Approval (2010/5642) and Sea Dumping Permit (SD2017/3722). This report presents the audit findings.

In general, it was found that the Conditions of the EPBC Approval 2010/5642 and Sea Dumping Permits 2017/3722 were in compliance.

Two non-compliances were identified, both administrative in nature.

Firstly, the reviewed and revised Marine and Shipping Management Plan was submitted to the Minister for approval later than the date specified in Condition 10; which was identified at the time and submitted at a later date agreed to by the Department. This non-compliance was reported in the 2021 EPBC Annual Compliance Report and has been closed out.

Secondly, a total of \$1,217,000 has been spent on the dolphin surveys relating to the implementation of the Dolphin Offset Strategy. This amount exceeds the upper limit of \$1,200,000 specified in Condition 53 and therefore the evidence indicates a technical administrative non-compliance. It has been demonstrated that the requirements of the Dolphin Strategy have been met. It is recommended that Condition 53 be amended.

2 INTRODUCTION

2.1 Background

The Amrun Project (formerly referred to as the South of Embley Project) involves the construction and operation of a bauxite mine and associated processing and port facilities on western Cape York. The Amrun Project is located near Boyd Point, approximately 40km south of Weipa. The Project involves a staged increase in production up to 50 million dry product tonnes per annum of bauxite. The initial production capacity of the Amrun Project is approximately 22.8 million dry product tonnes per annum.

RTA Weipa Pty Ltd has undertaken an Environmental Impact Statement for the SoE Project under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999*. The Project was approved on 14 May 2013 and an EPBC Permit was issued for the South of Embley Bauxite Mine and Port Development, Cape York Queensland (2010/5642). Since this time variations have been made to the conditions (3 June 2014, 9 June 2021 and 3 December 2021).

A Sea Dumping Permit No. SD2010/1762 was issued 29 July 2013 to RTA Weipa Pty Ltd to load for the purposes of dumping, and to dump, capital seabed material derived from the capital dredging to construct new port facilities between Boyd Point and Pera Head south of Weipa; and to develop at the Port of Weipa a roll-on and roll-off barge terminal at Humbug Wharf in the Embley River, a ferry terminal and tug berths at Hornibrook Point in the Embley River, and a combined barge/ferry terminal in the Hey River.

Once capital dredging had been completed, Sea Dumping Permit SD2017/3722 was issued 13/4/2018 to dump dredged material derived from maintenance dredging of the Amrun Port berth pocket and departure channel. During the current audit period, maintenance dredging occurred in 2019. Since this time a new Sea Dumping Permit 2020/3999 was issued extending until 31 January 2031. During the audit period, no dredging activities were undertaken under the Sea Dumping Permit 2020/3999.

As part of the Conditions of approval (Condition 69), there is a requirement to ensure that an independent compliance audit is undertaken every three years. This is the third independent compliance audit relating to the EPBC Approval and Sea Dumping Permit.

2.2 Status of Project

Preliminary Works for the Amrun Project commenced in October 2015 and the Construction started on 12 May 2016. The Operations phase commenced 2 December 2018. Activities undertaken in the current audit period from April 2019 to April 2022 included:

- Shipping and production
- Bauxite processing infrastructure - operation of the Amrun (Boyd) beneficiation plant.
- Product bauxite stockpiles - operation of beneficiated product stockpiles adjacent to Amrun (Boyd) Port.
- Ancillary infrastructure including diesel-fuelled power station, workshops, warehouse, administration facilities, package sewage treatment plant, temporary waste storage prior to disposal offsite and diesel storage facilities.
- Barge, ferry and tug facilities –operation of a new a roll on/roll off barge and ferry facility at Humbug Wharf, and a new barge and ferry terminal on the western bank of the Hey River.

- On-site camp - Amrun Accommodation Village
- Water infrastructure – operation of a water supply dam on a freshwater tributary of Norman Creek (Arraw Dam (formerly Dam C)), plus pipelines, water treatment plants (for potable water) and artesian bores.
- Port and ship-loading facilities – operation of the Port of Amrun, including shiploading and tug mooring facilities between Boyd Point and Pera Head.
- Maintenance dredging activities in 2019

The Port of Weipa continues to receive deliveries of fuel, cargo, and equipment for the Amrun Project from domestic (mostly the Port of Cairns) and international ports. Materials are then transferred to smaller barges for transport across the Embley River, or by road, to the Amrun Project area.

3 Audit Objective, Scope and Methodology

3.1 Overview

An environmental compliance audit of the Amrun Bauxite Mine and Port Development Approval (EPBC 2010/5642) dated 3 December 2021 and the Sea Dumping Permits SD2017/3722 dated 13 April 2018 and SD2020/3999 dated 21 January 2021, was conducted by Lana Shoesmith from Ardent Group Pty Ltd (CEnvP #092; Exemplar Global Master Environmental Auditor #12299) during the period 5-18 May 2022. Further documentation was sent via email following this audit period.

This is the third independent audit of the EPBC Approval 2010/5642 and associated sea dumping permits.

3.2 Objective

The objective of the audit was to determine compliance with the conditions of EPBC 2010/5642 and Sea Dumping Permits SD2017/3722 and SD2020/3999 to address the requirements of EPBC 2010/5642 Condition 69 which requires that every three years from the date of the approval an independent audit must be conducted and a report submitted to the Minister.

3.3 Scope

The scope of the audit included all activities conducted since the last independent audit conducted in April 2019 until April 2022.

3.4 Auditor

Lana Shoesmith of the Ardent Group Pty Ltd was nominated by Rio Tinto as an independent auditor to the DAWE. This was subsequently approved on 31 March 2022 (letter of approval included at Appendix 2).

3.5 Methodology

The audit was conducted in accordance with the Independent Audit and Audit Report Guidelines for controlled actions which have been approved under Chapter 4 of *Environmental Protection and Biodiversity Conservation Act 1999* (2019). The principles detailed in *ISO19011:2015 Guidelines for*

Auditing Management Systems were adhered to as these are suitable for conducting legal compliance audits.

An audit criteria checklist and methodology were prepared and submitted to the DoE for approval. This approval was granted by DAWE on 31 March 2022 (letter of approval included at Appendix 2).

The audit was conducted 5-18 May 2022. Documents and records were reviewed. Interviews were conducted with site personnel. Personnel interviewed during the audit are listed in Appendix 3. Evidence relating to implementation of the management plans was reviewed. The audit checklist was progressively completed. Further documentation was sent for review following the audit period.

3.6 Reporting

An audit checklist was completed addressing all requirements in the EPBC Approval and Sea Dumping Permits. In accordance with the DAWE Independent Audit and Audit Report Guidelines, findings were noted as follows:

Compliance – sufficient evidence provided to demonstrate that the requirements specified within a Condition have been met.

Non-compliance – sufficient evidence provided to demonstrate that the requirements specified in the Condition have not been met.

Not applicable (NA) – condition that either:

- Did not require demonstration of the condition at the time of audit as the date had not yet passed; or
- Had to be satisfied after certain events had occurred e.g. notify Department in writing within 5 business days of any observation in the project area of Bare-rumped Sheath-tail Bat; or
- Where the activities specified in the Condition have not yet been carried out in the scope of works under the EPBC Approval e.g. development of Rehabilitation Strategy.

This audit report summarises the audit findings.

Appendix 1 details the evidence reviewed (documents, records, interviews and observations) that addresses EPBC2010/5642 and Sea Dumping Permit SD2017/3722; and provides a detailed assessment of compliance for each audit criteria and condition. No dredging works have occurred since the issue of SD2020/3999 dated 21 January 2021.

Appendix 2 includes the Department of Agriculture, Water and Environment approval of the appointment of Lana Shoesmith from Ardent Group Pty Ltd as the independent auditor and approval of the audit criteria and methodology.

Appendix 3 lists the personnel interviewed.

Appendix 4 includes the Auditor's Declaration of Independence signed by the Master Environmental Auditor declaring there is no conflicting or competing interests.

Appendix 5 contains the Auditor Certification signed by the Master Environmental Auditor certifying the findings of the audit in the report as being a true, correct, complete and independent assessment of compliance with the conditions of the EPBC Approval and Sea Dumping Permit.

4 Findings

4.1 Overview

In general, it was found that the Conditions of the EPBC Approval 2010/5642 and Sea Dumping Permit 2017/3722 were in compliance.

4.2 Non-Compliances

As noted in Table 1, two non-compliances were identified.

Firstly, Condition 10 requires that within two years of operations commencing, the Marine and Shipping Management Plan, stage ii. must be reviewed, revised and submitted to the Minister for approval within two (2) years of operations commencing.

The revised Marine and Shipping Management Plan was required by 2 December 2020, two years of commencement of operation. The submission date was not within the two years of operations commencing, as specified by Condition 10.1. It was advised that this administrative oversight was identified on 16 December 2020 and the Department was notified on the same day of this non-compliance. Discussions with the Department (P.Patel) established a February 2021 submission date. It is noted that the revision of the MSMP was submitted 18 February 2021. The non-compliance was reported in the 2021 EPBC Annual Compliance Report. **This non-compliance has been closed out.**

Secondly, a total of \$1,217,000 has been spent on the dolphin surveys relating to the implementation of the Dolphin Offset Strategy. This amount exceeds the upper limit of \$1,200,000 specified in Condition 53 and therefore the evidence indicates a technical administrative non-compliance.

It was noted that the original fee proposal prepared 26/9/2014 was \$1,192,350 showing the intent to achieve the range specified in Condition 53. It was also noted that the Rio Tinto 2020 Annual EPBC Compliance Report stated "The current cost estimate to complete the final survey will exceed the maximum threshold value of \$1,200,000. While this has exceeded the offset value, it is not considered a non-compliance as it is a positive environmental outcome enhancing the research value of the offset strategy." The Department (DAWE) acknowledged via email (3/9/2021) that the reporting requirements under Condition 68 had been met.

Amrun Project 2019 Inshore Dolphin Survey Report (Blue Planet Marine 9/8/2021) states "Having successfully completed surveys and met the Strategy objectives in 2014, 2016, 2017, 2018 and 2019, the combined datasets and analyses from this study provide an important contribution to knowledge about humpback, bottlenose and snubfin dolphins in the region, in particular that the sampling area is part of larger systems for all three species. These data allow for more informed management and planning decisions to be made as the Project continues in its operational phase, as well as to provide information to help assess the conservation status of inshore dolphin species in northern Australian waters. Importantly, Wik Waya Traditional Owners (TOs) have been involved in all five surveys, gaining skills and experience in monitoring of dolphin populations and increasing capacity for any future dolphin survey and monitoring opportunities."

It is therefore shown that the requirements of the Dolphin Strategy have been met.

It is noted that the South of Embley Project Inshore Dolphin Offset Strategy requires at least one post-construction survey, which has been conducted.

It is recommended that Condition 53 be amended.

Table 1. Non-compliances.

Condition/Audit Criteria	Requirement	Evidence	Audit Finding
10	The Marine and Shipping Management Plan, stage ii. must be reviewed, revised and submitted to the Minister for approval within two (2) years of operations commencing.	<p>RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan dated 28 April 2021.</p> <p>A subsequent Marine and Shipping Management Plan was required by 2 December 2020 - two years of commencement of operation.</p> <p>A subsequent revision of the MSMP was submitted 18 February 2021, with final responses provided to the Minister 27 April 2021. Operations MSMP was approved by the Minister 6 July 2021.</p> <p>The submission date was not within the two years of operations commencing, as specified by Condition 10.1. It was advised that this administrative oversight was identified on 16 December 2020 and the Department was notified on the same day of this non-compliance. Discussions with the Department (P.Patel) established a February 2021 submission date. It is noted that the revision of the MSMP was submitted 18 February 2021.</p>	<p>Non-compliance - submitted later than the due date.</p> <p>Non-compliance has been actioned and closed.</p> <p>This Non-compliance was identified by the approval holder and a new date was negotiated with the Department. The subsequent MSMP was submitted by the negotiated due date.</p>
53	The approval holder must fund the Inshore Dolphin Offset Strategy to a minimum of \$800,000 (GST exclusive) and a maximum of \$1,200,000 (GST exclusive).	<p>Invoices total \$1,217,000.</p> <p>Rio Tinto 2020 Annual EPBC Compliance Report notes the exceedance however states it is not considered a non-compliance as it is a positive environmental outcome enhancing the research value of the offset strategy.</p> <p>DAWE email acknowledging the Rio Tinto 2020 Annual EPBC Compliance Report meets the reporting conditions.</p>	Non-compliance as the funding exceeded the maximum amount specified.

4.3 Observations

No observations were made relating to issues relevant to the protection of a matter of national environmental significance.

4.4 Not Applicable

Table 2 lists the Conditions that were found to be not applicable at the time of audit.

Table 2. Conditions Not Applicable.

Audit Criteria	Summary of Requirement	Audit Finding
1.1, 1.2, 2.1, 3.1, 3.2, 4.1, 4.2	Requirement to submit for approval a Temporary Barge Plan (TBP).	A TBP addressing all of the specified requirements was submitted and approved. No works in relation to the TBP have been undertaken. There is no operational requirement for a temporary barge to be built. Therefore, a TBP is not required. No further auditing required.
6.1j	Temporary Barge Plan can be incorporated into Marine and Shipping Management Plan.	Temporary Barge Plan is a separate document. The TBP was not constructed and is not required.
10.2	The Marine and Shipping Management Plan, stage ii. must be reviewed, revised and submitted to the Minister for approval every three (3) years for the next nine (9) years and, unless otherwise agreed by the Minister in writing every five (5) years thereafter for the life of the project.	The Marine and Shipping Management Plan is dated April 2021 and not yet subject to a three yearly review.
11.1	The approved Construction Marine Shipping Management Plan must be implemented.	Construction has been completed and therefore this plan is no longer applicable, having been replaced by the Operations Marine Shipping Management Plan.
12,13	Measures must be implemented to minimise impacts from pile driving, including requirements relating to marine observers.	No pile driving operations occurred during the audit period. No pile driving will be conducted during operations.
14, 15	Requirements to submit Capital Dredge Management Plans prior to capital dredging.	Capital dredging plans submitted as required. Capital dredging has been completed. No further auditing required.
SD #1	Specifies terms	No action required
SD#8	Restrictions on dumping upon sighting marine species.	No marine species were sighted during dredging activities.
SD#9, SD#10	Management of environmental incidents.	No environmental incidents have occurred.
SD#16	Action in response to request by the Department to access site operations to review operation.	No request made.

SD#20	Documentation of environmental incidents.	No environmental incidents have occurred, as noted in the Dredging Marine Fauna Database.
31.4, 32.1	Actions to be taken if Bare-rumped Sheathtail bats are found, including reporting.	No Bare-rumped Sheathtail bats have been found.
33.1,33.2, 33.1,33.2, 34.1,34.2, 35.1,35.2, 35.3,36.1, 36.2,37.1, 37.2,38.1, 39.1,39.2 40.1	Requirements for Rehabilitation Strategy and conditions under which Offset Strategy is required. Requirements for rehabilitation.	Timing requirement for submission of Rehabilitation Strategy has not been passed (due 2/12/2022). Rehabilitation is not yet required as no mining areas have been completed and no areas of infrastructure have been decommissioned.
56.2, 56.3,	Requirement to provide survey data, if requested	No request made.
63.1	Requirement must update specified programs upon request.	No request from the Minister.
67.2	Provide requested records to Department.	No request made.
70.1,70.2	Management of sensitive information.	No examples where material has been identified as culturally sensitive.
75.1,75.2,75.3	Minister request or updating strategies and plans.	Not requested.

Appendix 1 Audit Criteria Checklist

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
TEMPORARY BARGE PLAN					
Condition 1 EPBC 2010/5642 <i>Unless agreed to by the Minister in writing, the approval holder must submit a Temporary Barge Plan to the Minister to manage, avoid and mitigate negative impacts to listed turtle species, including their breeding and foraging habitat, from the construction, operation and decommissioning of the temporary barge facility near Pera Head.</i>					
1.1	Temporary Barge Plan (TBP) must be submitted to the Minister and address construction, operation and decommissioning of the temporary barge facility.	EPBC 2016 Audit Report notes Temporary Barge Plan submitted.	Reviewed EPBC 2016 audit report during the 2019 audit	EPBC 2016 Audit Report Reviewed correspondence demonstrating submission of TBMP	Compliance
1.2	Temporary Barge Plan must manage, avoid and mitigate negative impacts to listed turtle species, including their breeding and foraging habitat, from the construction, operation and decommissioning of the temporary barge facility near Pera Head.	EPBC 2016 Audit Report notes Temporary Barge Plan address all requirements relevant to the construction and operation of the temporary barge facility near Pera Head.	Reviewed EPBC 2016 audit report during the 2019 audit	EPBC 2016 Audit report Evaluation of TBP relating to impacts to listed turtles	Compliance
Condition 2 EPBC 2010/5642 <i>The Temporary Barge Plan must include surveying to ascertain whether active, or potentially active, nests for the listed turtle species are present in the area to be impacted by the temporary barge facility.</i>					
2.1	The Temporary Barge Plan includes surveying to ascertain whether active, or potentially	EPBC 2016 Audit Report notes that the Temporary Barge Plan is designed to ensure that the area is surveyed prior to disturbance to determine whether	Reviewed EPBC 2016 audit report	EPBC 2016 Audit report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	active, nests for the listed turtle species are present in the area to be impacted by the temporary barge facility.	active or potentially active listed turtle species nests are present.	during the 2019 audit	Evaluation of TBP relating to surveying	
Condition 3 EPBC 2010/5642 <i>The Temporary Barge Plan must include adaptive management and mitigation measures to benefit listed turtle species, including as identified in the Final Environmental Impact Statement. The Temporary Barge Plan must include and address effective management strategies to mitigate each potential impact to listed turtle species, desired outcomes, benchmarks, performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and responsibility for implementing actions.</i>					
3.1	The Temporary Barge Plan must include adaptive management and mitigation measures to benefit listed turtle species.	Temporary Barge Plan includes adaptive management and mitigation measures to benefit listed turtle species.	Reviewed EPBC 2016 audit report during the 2019 audit	EPBC 2016 Audit report Evaluation of TBP relating to adaptive management and mitigation measures	Compliance
3.2	The Temporary Barge Plan must include and address effective management strategies to mitigate each potential impact to listed turtle species, desired outcomes, benchmarks, performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency	Temporary Barge Plan documents effective management strategies to mitigate each potential impact to listed turtle species, desired outcomes, benchmarks, performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and specifies the roles with responsibility for implementing actions.	Reviewed EPBC 2016 audit report during the 2019 audit	EPBC 2016 Audit report Evaluation of TBP relating to management strategies	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	measures, and responsibility for implementing actions.				
Condition 4 EPBC 2010/5642 <i>The Temporary Barge Plan must be submitted to the Minister for approval. Commencement of the temporary barge facility must not occur until the Minister has approved the Temporary Barge Plan. The approved Temporary Barge Plan must be implemented.</i>					
4.1	The Temporary Barge Plan must be approved by the Minister prior to commencement of the temporary barge facility.	Temporary Barge Plan was approved by the Minister. No works in relation to the Temporary Barge Plan have commenced. A Temporary Barge was not constructed.	Reviewed EPBC 2016 audit report during the 2019 audit	EPBC 2016 Audit report	Compliance
4.2	The approved Temporary Barge Plan must be implemented.	EPBC 2019 audit confirmed that a Temporary Barge facility has not been constructed near Pera Heads. No works in relation to the TBP have been undertaken. There is no operational requirement for a temporary barge to be built. Therefore, implementation of the TBP is not applicable.	Reviewed EPBC 2019 audit report	EPBC 2016 Audit report	Not Applicable
MARINE AND SHIPPING MANAGEMENT PLAN					
Condition 5 EPBC 2010/5642 <i>The person taking the action must submit a Marine and Shipping Management Plan, covering all facets of the construction and operation of all marine related precincts for the South of Embley project including, but not limited to, the Boyd Port development, shipping activities, barge and ferry terminals, recreational use of beaches on Mining Lease (ML) 7024 by project workforce and the marine environment, anchoring, and underwater noise (excluding dredge management plans at condition 14 and condition 16) for the Minister's approval and must effectively define, avoid, manage and mitigate against impacts to the following matters of national environmental significance:</i> <ol style="list-style-type: none"> <i>the outstanding universal value of the Great Barrier Reef World Heritage Property;</i> <i>Great Barrier Reef National Heritage Place;</i> <i>Great Barrier Reef Marine Park;</i> 					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<p>d. Listed turtle species; e. Listed dolphin species; and, f. Dugong (<i>Dugong dugon</i>) and Bryde's Whale (<i>Balaenoptera edeni</i>).</p>					
5.1	<p>Marine and Shipping Management Plan/s (MSMP) must be submitted for minister approval in accordance with condition 8.</p>	<p>Condition 8 allows for the Marine and Shipping MP to be submitted in stages. Stage i is the construction stage and Stage ii relates to operations. The Project has been operating in stage ii operations phase during the current audit period.</p> <p>EPBC 2016 audit found that the RTA Weipa SoE Project Construction Marine and Shipping Management Plan FINAL 19 November 2015 was submitted in accordance with Condition 8.</p> <p>EPBC 2019 audit found DoE letter of approval Reference 2010/5642 letter dated 2/10/2018 grants, as a delegate of the Minister for the Environment, approval of the Operations Marine and Shipping Management Plan, in accordance with Condition 8.</p> <p>EPBC 2019 audit reviewed RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan FINAL dated 2 October 2018.</p> <p>Current 2022 audit noted that a revised South of Embley Operations Marine and Shipping Management Plan was submitted 19 February 2021.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p> <p>Reviewed revised Operations MSMP</p> <p>DoE letter dated 6/7/2021</p>	<p>EPBC 2016 audit report</p> <p>Correspondence to verify construction MSMP submitted to DoE for approval</p> <p>EPBC 2019 audit report</p> <p>Correspondence to verify operations MSMP submitted to DoE for approval</p> <p>EPBC 2022 audit</p> <p>Correspondence to verify updated MSMP submitted to DoE for approval</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		DoE letter of approval Reference 2010/5642 dated 6 July 2021 relevant to RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan April 2021.			
5.2	Marine and Shipping Management Plan/s prepared in accordance with condition 8 must effectively define, avoid, manage and mitigate against impacts to the following matters of national environmental significance: a. the outstanding universal value of the Great Barrier Reef World Heritage Property; b. Great Barrier Reef National Heritage Place; c. Great Barrier Reef Marine Park; d. Listed turtle species; e. Listed dolphin species; and, f. Dugong (<i>Dugong dugon</i>) and Bryde's Whale (<i>Balaenoptera edeni</i>).	<p>EPBC 2016 audit found that the RTA Weipa SoE Project Construction Marine and Shipping Management Plan FINAL 19 November 2015 RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan April 2021.</p> <p>Operations Marine and Shipping MP Section 1 outlines the purpose of the plan to address the relevant requirements of the EPBC Approval – these are listed (items a-f). It is noted that the Plan covers all marine based activities, including shipping, associated with the operations phase of the Project.</p> <p>It is noted that the purpose of the Plan is to define, avoid, manage and mitigate potential negative impacts of construction shipping on the MNES as listed in items (a) to (f).</p> <p>Section 5 notes that an overview of the profiles of MNES and previous survey efforts are provided in Appendix A and references the EIS for more details. Locations of species are shown.</p> <p>Section 7 describes Potential Impacts, Avoidance, Mitigation and Management associated with the</p>	<p>Reviewed EPBC 2019 audit report</p> <p>Reviewed Operations MSMP (April 2021)</p>	<p>EPBC 2019 audit report</p> <p>Evaluation of OMSMP April 2021 to verify impacts are defined and measures are described to avoid, manage and mitigate against impacts to items a-f</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>operations phase of the Project on MNES. This section covers requirements relating to: underwater vessel noise; prevention of marine pollution; spill management and response; vessel traffic management; vessel strike management; turbidity; marine pest prevention and response; and lighting management.</p> <p>Reference is made to the Foreshore Access Management Plan to restrict access for unpermitted persons to foreshore areas between Ina Creek and Winda Winda Creek.</p>			
<p>Condition 6 EPBC 2010/5642</p> <p><i>The Marine and Shipping Management Plan must incorporate avoidance and mitigation mechanisms for impacts to the outstanding universal value of the Great Barrier Reef World Heritage Property; Great Barrier Reef National Heritage Place: Great Barrier Reef Marine Park; Listed turtle species; Listed dolphin species; Dugong (Dugong dugon) and Bryde's Whale (Balaenoptera edeni), including but not limited to:</i></p> <p><i>a. impacts to the marine environment that supports the above listed species traversing, foraging and/or breeding habitat including, seagrass, reefs and corals, listed turtle species nesting and/or foraging habitat;</i></p> <p><i>b. impacts from changes to coastal processes, including beach and/or shore erosion from the Boyd Port development, barge facilities and/or ferry facilities and ensure the action does not alter the beach gradients to such an extent that listed turtle species are prevented from and/or impeded in accessing the beach foreshore to nest or listed turtle species hatchlings are prevented and/or impeded from entering the marine environment;</i></p> <p><i>c. artificial light related impacts on listed turtle species (including hatchlings) nesting beaches and adjacent marine environment including, but not limited to, lighting from Boyd Port construction and operation, shipping, temporary passenger landing and barge facility between Pera Head and Boyd Bay, and anchored/moored vessels (but excludes operations within the Hey and Embley Rivers);</i></p> <p><i>d. measures to ensure shipping activities are undertaken in accordance with the Great Barrier Reef Marine Park Zoning Plan (2003), or its most current version;</i></p> <p><i>e. mechanisms to implement best practice mitigation and management measures for ship loading and unloading, and all other aspects of shipping activities to minimise impacts on the marine environment (including bauxite and/or other contamination spills);</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p><i>f. impacts from vessel strike to listed turtle species, listed dolphin species or Dugongs including, but not limited to, restricting vessel speed limits to 6 knots in water depths of 2.5 metres or less; and, implementation of a transit lane in the Hey River and Embley River that follows the greatest water depths;</i></p> <p><i>g. impacts from underwater noise including, but not limited to, pile driving activities at Condition 12 and shipping;</i></p> <p><i>h. measures that minimise the risk of introduced marine pest species over the life of the project, including ballast water management. The marine pest monitoring program must be consistent with the Department of Agriculture, Fisheries and Forestry's Australian Marine Pest Monitoring Manual (version 2.0), or its most current version;</i></p> <p><i>i. impacts associated with recreational use by project employees of listed turtle species nesting habitat (including, but not limited to, implementation of a permit access system for the employees);</i></p> <p><i>j. if agreed by the department in writing, requirements of condition 1 to condition 4 may be incorporated into the Marine and Shipping Management Plan;</i></p> <p><i>k. impacts identified in the Environmental Management Plan Outlines at Appendix 7-E (Threatened estuarine and Marine species); Appendix 9-A (Non-avian Migratory Species); Appendix 11-A (Great Barrier Reef Marine Park, World Heritage Area and National Heritage Place); and, Appendix 10A (Commonwealth Marine Area) in the Final Environmental Impact Statement; and,</i></p> <p><i>l. mechanisms to notify the department in writing within five (5) business days of any confirmed or suspected sighting/s and/or observation/s in the marine environment in and/or around the project area of the Dwarf Sawfish (Pristis clavata); Green Sawfish (Pristis zijsron); Freshwater Sawfish (Pristis microdon); or the Speartooth Shark (Gyphis sp. A).</i></p>			
6.1	Marine and Shipping Management Plan/s prepared in accordance with condition 8 must incorporate avoidance and mitigation mechanisms addressing a. through l.	<p>EPBC 2019 audit report stated that the RTA Weipa SoE Project Operations Marine and Shipping Management Plan FINAL 2 October 2018 (Operations MSMP) was prepared in accordance with Condition 6.1.</p> <p>Reviewed RTA Weipa SoE Project Operations Marine and Shipping Management Plan April 2021 (dated 28/4/2021, approved by DoE 6/7/21). The evidence listed below 6.1(a) – (l) relates to this 2021 Plan.</p>	<p>Reviewed EPBC 2019 audit report</p> <p>Reviewed Operations MSMP April 2021 to ensure items a-l are addressed.</p> <p>Interviews with Specialist</p>	<p>EPBC 2019 Audit report provided evaluation of Operations MSMP</p> <p>Evaluation of revised Operations MSMP April 2021</p>	<p>Compliance</p> <p>See detail below</p>

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
			Environment - Weipa		
a	impacts to the marine environment that supports the above listed species traversing, foraging and/or breeding habitat including, seagrass, reefs and corals, listed turtle species nesting and/or foraging habitat;	Operations Marine and Shipping MP Section 7 specifies the requirement to implement measures to address operational shipping and marine activities that could have an impact on the marine environment that support marine species covered by the Plan including traversing, foraging and/or breeding habitat including, seagrass, reefs and corals, listed turtle species nesting and/or foraging habitat.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to impacts to the marine environment	Compliance
b	impacts from changes to coastal processes, including beach and/or shore erosion from the Boyd Port development, barge facilities and/or ferry facilities and ensure the action does not alter the beach gradients to such an extent that listed turtle species are prevented from and/or impeded in accessing the beach foreshore to nest or listed turtle species hatchlings are prevented and/or impeded from entering the marine environment;	Operations Marine and Shipping MP Section 6.6 specifies the requirement to implement measures to address impacts associated with changes to coastal processes. The Chith Export Facility is a piled jetty and wharf structure with six piles on the beach/foreshore area and a small dredged footprint approximately 500m from the shoreline. Risk was assessed as negligible and no further mitigation mechanisms are required to address potential changes to coastal processes.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to impacts from changes to coastal processes	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
c	artificial light related impacts on listed turtle species (including hatchlings) nesting beaches and adjacent marine environment including, but not limited to, lighting from Boyd Port construction and operation, shipping, temporary passenger landing and barge facility between Pera Head and Boyd Bay, and anchored/moored vessels (but excludes operations within the Hey and Embley Rivers);	<p>Operations Marine and Shipping MP Section 7.4 details the measures to address artificial light related impacts on listed turtle species (including hatchlings) nesting beaches and adjacent marine environment. These measures include: light design, direction of light emission, location, shielding requirements and restrictions in the use of light particularly during peak turtle nesting season.</p> <p>Monitoring of impact of light is to be conducted and an offset management program for marine turtles including feral pig control is to be implemented.</p>	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to artificial light	Compliance
d	measures to ensure shipping activities are undertaken in accordance with the Great Barrier Reef Marine Park Zoning Plan (2003), or its most current version;	Operations Marine and Shipping MP Section 7.1.4 specifies the requirement to implement measures to ensure shipping activities are undertaken in accordance with the Great Barrier Reef Marine Park Zoning Plan (2003) and defines Designated Shipping Areas. Contractual arrangements are in place to ensure compliance with the regulatory requirements for shipping through the GBRMP Act and AMSA, MSQ and international requirements.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to shipping activities	Compliance
e	mechanisms to implement best practice mitigation and management measures for ship loading and unloading, and all other aspects of	Operations Marine and Shipping MP Section 7.3 covers prevention of marine pollution and includes practices relating to shipping activities to minimise impact on the marine environment. These include: vessel discharge protocols, waste management, spills	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to ship loading and unloading	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	shipping activities to minimise impacts on the marine environment (including bauxite and/or other contamination spills);	prevention and management, and Chith Export Facility bauxite spillage management.			
f	impacts from vessel strike to listed turtle species, listed dolphin species or Dugongs including, but not limited to, restricting vessel speed limits to 6 knots in water depths of 2.5 metres or less; and, implementation of a transit lane in the Hey River and Embley River that follows the greatest water depths;	Operations Marine and Shipping MP Section 7.1.1 specifies the requirement to implement measures to reduce the risk of impacts from vessel strike on listed turtle species, listed dolphin species or Dugongs. These include training requirements for vessel masters and crew; provision of lookouts for marine fauna; restricting vessel speed limits to a maximum of six knots in water depths of 2.5m or less; vessel tracking systems; inspections and monitoring.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to vessel strike	Compliance
g	impacts from underwater noise including, but not limited to, pile driving activities at Condition 12 and shipping;	Operations Marine and Shipping MP Section 7.1.2 underwater noise from vessels specifies the requirement to implement such as maintenance, restricting speed and management of operation of vessel engines, transit route, qualified vessel crew, review of vessels prior to contracting to ensure AMSA and MSQ requirements for operation. No pile driving activities have been conducted nor are planned during operations.	Reviewed Operations MSMP April 2021 Interview Specialist Environment - Weipa	Evaluation of Operations MSMP relating to underwater noise	Compliance
h	measures that minimise the risk of introduced marine pest	Operations Marine and Shipping MP Section 7.2 marine pests requires application, maintenance and	Reviewed Operations	Evaluation of Operations	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	species over the life of the project, including ballast water management. The marine pest monitoring program must be consistent with the Department of Agriculture, Fisheries and Forestry's Australian Marine Pest Monitoring Manual (version 2.0), or its most current version;	certification of antifouling coating; marine pest risk assessments; inspections and cleaning for vessels rated above a low risk; compliance with the Australian Anti-fouling and In-water Cleaning Guidelines; and compliance with any DAF requirements. The settlement plate program is described. Marine pest inspections and actions in the event of an incursion are detailed. Ongoing consultation with DAF Biosecurity Queensland is required to ensure the monitoring program is consistent with other Ports and the the current version of the Department of Agriculture, Fisheries and Forestry's Australian Marine Pest Monitoring Manual.	MSMP April 2021	MSMP relating to marine pest species	
i	impacts associated with recreational use by project employees of listed turtle species nesting habitat (including, but not limited to, implementation of a permit access system for the employees);	Marine and Shipping MP Section 7.5 recreational activities addresses the restriction of access for unpermitted persons to foreshore areas between Ina Creek and Winda Winda Creek. A Foreshore Access Management Plan has been developed. This plan details access for the duration of the Project including recreational activities and specifies the requirement to prevent impacts to turtles and their nesting habitats. Rules for access are specified. The foreshore access permit system is described.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to recreational use	Compliance
j	if agreed by the department in writing, requirements of condition 1 to condition 4 may	Not applicable - Temporary Barge Plan prepared to address requirements.	EPBC 2016 Audit Report	EPBC 2016 Audit report provided	Not Applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	be incorporated into the Marine and Shipping Management Plan;	Temporary barge not constructed and not required. See notes associated with conditions 1 – 4.		evaluation of the TBP	
k	impacts identified in the Environmental Management Plan Outlines at Appendix 7-E (Threatened estuarine and Marine species); Appendix 9-A (Non-avian Migratory Species); Appendix 11-A (Great Barrier Reef Marine Park, World Heritage Area and National Heritage Place); and, Appendix 10A (Commonwealth Marine Area) in the Final Environmental Impact Statement; and,	Operations Marine and Shipping MP Section 6 identifies the potential impacts as relevant to shipping activities during the operations phase and provides an assessment of risk. Mitigation measures are described and further detailed in Section 7. These are consistent with those proposed in the EIS (RTA Weipa, March 2013) as they relate to shipping activities and as a minimum reflect the proposed measures for threatened estuarine and marine species (Appendix 7-E), migratory species (Appendix 9-A); the GBRWHP and GBRNHP (Appendix 11-A); and the GBRMP (Appendix 10- A).	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to impacts identified in Final EIS, as described	Compliance
l	mechanisms to notify the department in writing within five (5) business days of any confirmed or suspected sighting/s and/or observation/s in the marine environment in and/or around the project area of the Dwarf Sawfish (<i>Pristis clavata</i>); Green Sawfish (<i>Pristis zijsron</i>); Freshwater Sawfish (<i>Pristis</i>	Marine and Shipping MP Section 3.6 Table 6 and section 7.6 states confirmed sighting of an elasmobranch is to be reported within 5 business days of sighting. This includes: Dwarf Sawfish (<i>Pristis clavata</i>); Green Sawfish (<i>Pristis zijsron</i>); Freshwater Sawfish (<i>Pristis microdon</i>); or the Speartooth Shark (<i>Giyphis</i> sp. A).	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to notification to department for listed sightings	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	<i>microdon</i>); or the Speartooth Shark (<i>Giyphis</i> sp. A).				
Condition 7 EPBC 2010/5642 <i>The Marine and Shipping Management Plan must also include adaptive management strategies to benefit the outstanding universal value of the Great Barrier Reef World Heritage Property; Great Barrier Reef National Heritage Place; Great Barrier Reef Marine Park; listed turtle species, listed dolphin species, Dugong and Bryde's Whale. The Marine and Shipping Management Plan must include and address effective management strategies to mitigate each potential impact, desired outcomes, benchmarks, readily measureable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and specify the persons/ roles with responsibility for implementing actions. The Marine and Shipping Management Plan must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).</i>					
7.1	Marine and Shipping Management Plan/s prepared in accordance with condition 8 must include adaptive management strategies to benefit the outstanding universal value of the Great Barrier Reef World Heritage Property; Great Barrier Reef National Heritage Place; Great Barrier Reef Marine Park; listed turtle species, listed dolphin species, Dugong and Bryde's Whale.	RTA Weipa SoE Project Operations Marine and Shipping Management April 2021 (Operations Marine and Shipping MP). Adaptive management strategies are included in Sections 6 and 7, as detailed under Condition 6 noted in this checklist.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to adaptive management strategies	Compliance
7.2	The Marine and Shipping Management Plan/s prepared in accordance with condition 8 must include and address	Operations Marine and Shipping MP Section 7, Table 13 summarises an action plan for each MNES to implement the mitigation measures identified in sections 6 and 7. Each action plan includes: the	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	effective management strategies to mitigate each potential impact, desired outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and specify the persons/ roles with responsibility for implementing actions.	potential impact; avoidance, mitigation and management measures, monitoring requirements, residual risk, management objective/goal/targets; performance indicators; timeframe (activity); corrective actions and contingency measures; and responsibilities.		to management strategies	
7.3	The Marine and Shipping Management Plan/s prepared in accordance with condition 8 must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).	Operations Marine and Shipping MP Section 8 details Traditional Owner employment opportunities associated with marine works and shipping in relation to the Feral Pig Management Offset Strategy; Foreshore Access Permit System; and Inshore Dolphin Offset Strategy. In addition, through the existing Indigenous Land Use Agreement, opportunities for employment of Traditional Owners are identified through an employment and training plan. Section 7 provides examples of Traditional Owner employment within the Land and Sea Management Program such as looking for Asian green mussels during beach works and conduct of beach surveys.	Reviewed Operations MSMP April 2021	Evaluation of Operations MSMP relating to Traditional Owners	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<p>Condition 8 EPBC 2010/5642</p> <p><i>The Marine and Shipping Management Plan may be submitted to the Minister in the following stages, but the respective stages must not commence until the Minister has approved each respective version of the plan:</i></p> <p><i>i an initial plan related to impacts associated with construction activities, other than Preliminary Works and the pile driving operations carried out in accordance with condition 12 to condition 13;</i></p> <p><i>ii a subsequent plan to also reflect impacts associated with operations on the outstanding universal value of the Great Barrier Reef World Heritage Property; Great Barrier Reef National Heritage Place and Great Barrier Reef Marine Park; and,</i></p> <p><i>iii subsequent revisions in accordance with condition 10.</i></p>					
8.1	A Marine and Shipping Management Plan for stage i. must be approved by the Minister prior to commencement of stage i.	<p>EPBC 2016 Audit report showed that the RTA Weipa SoE Project Construction Marine and Shipping Management Plan FINAL 19 November 2015 was approved prior to construction.</p> <p>Construction activities have been completed. Verified via EPBC 2019 audit report.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p>	<p>EPBC 2016 Audit report</p> <p>EPBC 2019 Audit report</p>	Compliance
8.2	A Marine and Shipping Management Plan for stage ii. must be approved by the Minister prior to commencement of stage ii.	<p>RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan FINAL dated 2 October 2018 covers operations – Stage ii.</p> <p>EPBC 2019 audit report confirms that the Operations MSMP was approved by the Minister prior to commencement of operations (2/12/18).</p>	Reviewed EPBC 2019 audit report	EPBC 2019 Audit Report	Compliance
8.3	A Marine and Shipping Management Plan for stage iii must be approved by the	Stage iii relates to subsequent revisions of RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan FINAL dated 2 October 2018.	Reviewed Operations MSMP April 2021	Interview Specialist Environment – Weipa	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Minister prior to commencement of stage iii.	A subsequent revision of the MSMP was submitted 18 February 2021, with final responses provided to the Minister 27 April 2021. Operations MSMP April 2021 was approved by the Minister 6 July 2021.	Interview Specialist Environment – Weipa DoE letter dated 6/7/21	Correspondence to verify updated MSMP submitted to DoE for approval	
Condition 9 EPBC 2010/5642 <i>The subsequent Marine and Shipping Management Plan at condition 5 must be developed in consultation with relevant Commonwealth agencies, including the Australian Maritime Safety Authority and the Great Barrier Reef Marine Park Authority, and state agencies, including Maritime Safety Queensland.</i>					
9.1	The subsequent Marine and Shipping Management Plan at condition 8 stage ii must be developed in consultation with relevant Commonwealth agencies, including the Australian Maritime Safety Authority and the Great Barrier Reef Marine Park Authority, and state agencies, including Maritime Safety Queensland.	The Operations Marine and Shipping Management Plan section 10 Table 14 notes the comments and RTA Weipa response to the Commonwealth agencies including the Australian Maritime Safety Authority and the Great Barrier Reef Marine Park Authority, and state agencies, such as Maritime Safety Queensland.	Reviewed Operations MSMP April 2021 Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Compliance
Condition 10 EPBC 2010/5642 <i>Within two (2) years of operations commencing, the Marine and Shipping Management Plan must be reviewed, revised and submitted to the Minister for approval. The Marine and Shipping Management Plan must be reviewed, revised and submitted to the Minister for approval every three (3) years for the next nine (9) years and, unless otherwise agreed by the Minister in writing every five (5) years thereafter for the life of the project.</i>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
10.1	The Marine and Shipping Management Plan at condition 8, stage ii. must be reviewed, revised and submitted to the Minister for approval within two (2) years of operations commencing.	<p>RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan dated 28 April 2021.</p> <p>A subsequent Marine and Shipping Management Plan was required by 2 December 2020 - two years of commencement of operation.</p> <p>A subsequent revision of the MSMP was submitted 18 February 2021, with final responses provided to the Minister 27 April 2021. Operations MSMP was approved by the Minister 6 July 2021.</p> <p>The submission date was not within the two years of operations commencing, as specified by Condition 10.1. It was advised that this administrative oversight was identified on 16 December 2020 and the Department was notified on the same day of this non-compliance. Discussions with the Department (P.Patel) established a February 2021 submission date. It is noted that the revision of the MSMP was submitted 18 February 2021.</p>	<p>Interview Specialist Environment – Weipa</p> <p>Reviewed Operations MSMP</p> <p>DoE letter dated 6/7/21</p>	<p>Interview Specialist Environment – Weipa</p> <p>Review Operations MSMP</p> <p>Correspondence to verify updated MSMP submitted to DoE for approval</p>	<p>Non-Compliance</p> <p>Actioned and closed out</p>
10.2	The Marine and Shipping Management Plan at condition 8, stage ii. must be reviewed, revised and submitted to the Minister for approval every three (3) years for the next nine (9) years and, unless	The Marine and Shipping Management Plan is dated April 2021 and not yet subject to three yearly review – not applicable.	Interview Environmental Specialist Contractor	Interview Specialist Environment – Weipa	<p>Not Applicable</p>

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	otherwise agreed by the Minister in writing every five (5) years thereafter for the life of the project.				
Condition 11 EPBC 2010/5642 <i>The approved Marine and Shipping Management Plan/s must be implemented.</i>					
11.1	The approved Marine and Shipping Management Plan at condition 8, stage i. must be implemented for stage i.	<p>EPBC 2016 and 2019 audit reports confirm that the Construction Marine and Shipping Management Plan was well implemented. Construction activities have finished.</p> <p>Operations commenced 2 December 2018. The MSMP at condition 8, stage i is not applicable to the current audit period. No further auditing is required.</p>	<p>Review EPBC 2016 audit report</p> <p>Review EPBC 2019 audit report</p>	<p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p>	Compliance
11.2	The approved Marine and Shipping Management Plan at condition 8, stage ii. must be implemented for stage ii.	<p>RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan dated 28 April 2021.</p> <p>Vessel now used is "Sara". Advised that this is a new build vessel specifically for Rio Tinto and brought on to site in November 2019. Anti-fouling system certificate issued 7 May 2019.</p> <p>Control measures implemented include weekly soft scrub of vessel while in water in high-risk location, maintenance to prevent bio-fouling and in-water cleaning prior to departure. No ballast system – certificate dated 7 August 2019 provides confirmation.</p>	<p>Pre-mobilisation checklist</p> <p>Vessel risk assessment</p> <p>Vessel certification</p> <p>Waste records</p> <p>Oil record book</p>	<p>Sample of records provided for all vessels used on the project to date.</p> <p>Inspection vessel</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Marine Pest risk assessment conducted prior to mobilisation – sighted. No marine pests located on vessel.</p> <p>Dive report dated 2/10/19 confirms no concern relating to fouling and potential for marine pests.</p> <p>Marine Pest vessel clearance certificate “The Sara” 2/10/19.</p> <p>Weekly, monthly and 2-weekly jobs programmed via maintenance scheduling system (Marad) covering maintenance requirements relating to equipment, engines, generator, deck, hull.</p> <p>Waste generation records tracked and stored in database – sighted April 2022 records. Confirmation waste is disposed of on shore and separated via the waste management plan requirements.</p> <p>Waste docket from Remondis (licensed waste contractor – pump out and disposal 2500l septic 26/5/2022).</p> <p>Bilge water holding records, waste oil tank discharge kept e.g. May 2022, November 2020, June 2021, November 2021. Monthly records were available for the audit period.</p> <p>Safety drills conducted e.g. adverse weather July 2021; spill drills completed weekly.</p> <p>Bunker delivery note 24/5/22 confirming compliance with MARPOL requirements. Fuel bunker records sighted for May 2022, November 2020, June 2021, November 2021.</p>	<p>Bunkering records</p> <p>Maintenance records</p>		

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
11.3	The approved Marine and Shipping Management Plan at condition 8, stage iii. must be implemented for stage iii.	RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan dated 2 April 2021. No changes in operations and therefore no changes to the operational requirements between the MSMP dated 2 October 2018 and the subsequent revision dated 2 April 2021. Note evidence in 11.2. It was advised by the Specialist Environment – Weipa that MSQ operates the Port and approval by this regulatory body is required prior to any changes in operations.	Pre-mobilisation checklist Vessel risk assessment Waste records Oil record book Bunkering records Maintenance records	Interview Specialist Environment – Weipa	Compliance

PILE DRIVING OPERATIONS

Condition 12 EPBC 2010/5642

The approval holder must ensure that the following measures related to any pile driving operations are implemented to minimise the impacts of underwater noise and disturbance on the following listed threatened species and/or listed migratory species:

- iv. *Listed turtle species;*
- v. *Listed dolphin species; and*
- vi. *Dugong (Ougong dugan) and Bryde's Whale (Balaenoptera edeni). Those measures must include:*

- a. *pile driving operations must implement soft start procedures. The soft start procedures must not commence until the above listed species are observed to leave the exclusion zone/s or are not observed in the exclusion zone/s for at least 30 minutes;*
- b. *observations for the above listed species must be undertaken over the observation zone by a suitably qualified marine observer, for at least 30 minutes before the commencement of pile driving operations, and during pile driving operations;*
- c. *the exclusion zone must be no less than 100 metres from the pile driving operations and be implemented so as to ensure that the above listed species are not exposed to sound exposure levels of greater than or equal to 183 dB re 1µ Pa2 s;*

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p><i>d. pile driving operations must cease if the species listed above are observed within the exclusion zone, and action to cease all pile driving operations within the exclusion zone must be taken within two minutes of the observation, or as soon as possible, if it is unsafe to cease pile driving operations within two minutes. Every 30 days during periods when pile driving operations are occurring, the approval holder must report the number of incidents where pile driving operations did not cease within two minutes;</i></p> <p><i>e. pile driving operations must not recommence until the species listed above observed within the exclusion zone are observed to leave the exclusion zone or are not observed to leave the exclusion zone for at least 30 minutes: and,</i></p> <p><i>f. only pile driving operations which have commenced prior to sunset or prior to a period of low visibility can continue between the hours of sunset and sunrise, unless pile driving operations are suspended for more than 15 minutes.</i></p>			
12.1	Measures a. through f. must be implemented for any pile driving operations.	<p>No pile driving works occurred within the current audit period.</p> <p>RTA Weipa South of Embley Project Operations Marine and Shipping Management Plan dated 2 April 2021 states that no pile driving will be conducted during operations.</p> <p>This was confirmed by the Specialist Environment – Weipa.</p>	<p>Interview Specialist Environment – Weipa</p> <p>Review Operations MSMP</p>	<p>Interview Specialist Environment – Weipa</p> <p>Determine if pile driving operations have occurred</p>	Not Applicable
a	pile driving operations must implement soft start procedures. The soft start procedures must not commence until the above listed species are observed to leave the exclusion zone/s or are not observed in the exclusion zone/s for at least 30 minutes;	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
b	observations for the above listed species must be undertaken over the observation zone by a suitably qualified marine observer, for at least 30 minutes before the commencement of pile driving operations, and during pile driving operations;	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable
c	the exclusion zone must be no less than 100 metres from the pile driving operations and be implemented so as to ensure that the above listed species are not exposed to sound exposure levels of greater than or equal to 183 dB re 1µPa2.s;	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable
d	pile driving operations must cease if the species listed above are observed within the exclusion zone, and action to cease all pile driving operations within the exclusion zone must be taken within two minutes of the observation, or as soon as possible, if it is unsafe to cease pile driving operations within two minutes. Every 30 days	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	during periods when pile driving operations are occurring, the approval holder must report the number of incidents where pile driving operations did not cease within two minutes;				
e	pile driving operations must not recommence until the species listed above observed within the exclusion zone are observed to leave the exclusion zone or are not observed to leave the exclusion zone for at least 30 minutes;	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable
f	only pile driving operations which have commenced prior to sunset or prior to a period of low visibility can continue between the hours of sunset and sunrise, unless pile driving operations are suspended for more than 15 minutes.	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
QUALIFIED MARINE OBSERVER					
Condition 13 EPBC 2010/5642 <i>The criteria for a suitably qualified marine observer at condition 12b must be submitted to the Minister for approval and records must be kept of marine observers subsequently engaged. Pile driving operations cannot commence until the criteria has been approved.</i>					
13.1	Criteria for a suitably qualified marine observer must be submitted to the Minister and approved prior to pile driving operations commencing.	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable
13.2	Records must be kept of marine observers subsequently engaged for any pile driving operations.	No pile driving works occurred within the current audit period and no pile driving will be conducted during operations.	Interview Specialist Environment – Weipa	Interview Specialist Environment – Weipa	Not Applicable
DREDGING MANAGEMENT PLANS					
Condition 14 EPBC 2010/5642 <i>The approval holder must submit to the Minister for approval a Capital Dredging Management Plan/s for capital dredging activities associated with the South of Embley project. The Capital Dredging Management Plan/s must be prepared in accordance with the Australian Government National Assessment Guidelines for Dredging (2009), or their most current versions, to avoid and mitigate impacts on:</i> <ul style="list-style-type: none"> i. Commonwealth Marine Area; ii. Listed turtle species; iii. Listed dolphin species; and, iv. Dugong (<i>Dugong dugon</i>) and Bryde's Whale (<i>Balaenoptera edeni</i>). 					
14.1	Capital Dredging Management Plan/s for capital dredging activities associated with the South of Embley project must	EPBC 2016 audit report noted the approval of the Dredge Management Plan – Port (Initial Capital Dredging). EPBC 2016 audit report noted the approval of the Capital Dredge Management Plan – River Facilities.	Reviewed EPBC 2016 audit report	EPBC 2016 audit report Correspondence showing evidence of	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	be submitted to the minister for approval.			submission for DMP-Port and DMP-River	
14.2	Capital Dredging Management Plan/s must include measures to avoid and mitigate impacts on: <ul style="list-style-type: none"> i. Commonwealth Marine Area; ii. Listed turtle species; iii. Listed dolphin species; and, iv. Dugong (<i>Dugong dugon</i>) and v. Bryde's Whale (<i>Balaenoptera edeni</i>). 	<p>EPBC 2016 audit report noted that the Capital Dredge Management Plans included measures to avoid and mitigate impacts on listed species.</p> <p>EPBC 2019 audit report notes that Capital Dredging has ceased.</p> <p>Specialist Environment – Weipa confirms no further capital dredging is required.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p> <p>Interview Specialist Environment – Weipa</p>	<p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p> <p>Interview Specialist Environment – Weipa</p>	Compliance
Condition 15 EPBC 2010/5642 <i>Capital dredging activities cannot commence until the Capital Dredging Management Plan at condition 14 has been approved.</i>					
15.1	Capital Dredging Management Plan at condition 14 must be approved prior to commencing capital dredging activities.	<p>EPBC 2016 audit report noted that both Capital Dredging Management Plans were approved by DoE prior to commencing capital dredging activities.</p> <p>Capital dredging has ceased.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Interview Specialist Environment – Weipa</p>	<p>EPBC 2016 audit report</p> <p>Correspondence showing evidence of approval for DMP-Port and DMP-River prior to commencement of dredging.</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
Condition 16 EPBC 2010/5642 <i>The approval holder must submit to the Minister for approval a Maintenance Dredging Management Plan/s for all maintenance dredging activities associated with the South of Embley Project. The Maintenance Dredging Management Plan/s must be prepared in accordance with the Australian Government National Assessment Guidelines for Dredging (2009) and the department's Long-Term Monitoring and Management Plan Requirements for 10 year Permits to Dump Maintenance Dredge Material at Sea (July 2012), or their most current versions, to avoid and mitigate impacts for the matters of national environmental significance listed at condition 14.</i>					
16.1	Maintenance Dredging Management Plan/s for all maintenance dredging activities associated with the South of Embley Project must be submitted to the minister for approval.	<p>EPBC 2019 Audit report noted Maintenance Dredging Management Plan – Port March 2018.</p> <p>Letter to DoEE submitting the Maintenance Dredging Management Plan – Port together with the peer review dated 25/11/2017.</p> <p>Email from DoEE dated 9/3/18 noting comments have been adequately addressed and requesting RTAW to submit final version for approval.</p> <p>Letter from DoEE dated 15/3/2018 approving the Maintenance Dredging Management Plan – Port March 2018.</p> <p><u>Current 2022 Audit</u></p> <p>Dredge Management Plan – Port (Maintenance Dredging) June 2019 submitted to DoEE 14/6/2019 for review. Approved by DoEE 18/6/2019.</p> <p>Amrun Port and River Facilities Long-Term Maintenance Dredge Management Plan (LMDMP) 2021 – 2031 submitted 3/9/2020 via email.</p> <p>Letter from DAWE dated 3/2/2021 approving the Long-Term Maintenance Dredge Management Plan.</p>	<p>EPBC 2019 Audit Report</p> <p>Letter DoEE 18/6/2019</p> <p>Email to DAWE 3/9/2020</p> <p>Letter from DAWE 3 February 2021</p>	Correspondence showing evidence of approval of the Maintenance Dredge Management Plan	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
16.2	<p>Maintenance Dredging Management Plan/s must include measures to avoid and mitigate impacts on:</p> <ul style="list-style-type: none"> i. Commonwealth Marine Area; ii. Listed turtle species; iii. Listed dolphin species; <p>and,</p> <ul style="list-style-type: none"> iv. Dugong (Dugong dugon) and Bryde's Whale (Balaenoptera edeni). 	<p>Maintenance Dredging Management Plan – Port June 2019 section 7.4 includes management measures to address potential impacts to marine turtles and marine mammals.</p> <p>These include fitting turtle exclusion devices, employing trained Marine Fauna Observers, logging sightings, employing procedures to avoid interaction with marine turtles and marine mammals, and management of impacts created by artificial light on turtles.</p> <p>Section 5.4 specifies the threatened marine mammals, which include the listed turtle and dolphin species, dugongs and Bryde's whale.</p> <p>Amrun Port and River Facilities Long-Term Maintenance Dredge Management Plan (LMDMP) 2021 – 2031 dated January 2021. Section 9.2 notes a works specific Environmental Management Plan will be developed for annual dredging activities and this will include adaptive management measures relating to marine fauna. Management actions are listed to reduce the risk of impacting turtles and specify requirements to delay works until any sighted whales, dugongs, sawfish, marine turtles and dolphins have left the monitoring zone.</p>	<p>Maintenance Dredge Management Plan</p> <p>Long-term Maintenance Dredge Management Plan</p>	<p>Review Maintenance Dredge Management Plans</p>	<p>Compliance</p>
<p>Condition 17 EPBC 2010/5642</p> <p><i>Maintenance dredging activities cannot commence until the Maintenance Dredging Management Plan at condition 16 has been approved.</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
17.1	Maintenance Dredging Management Plan at condition 16 must be approved prior to maintenance dredging activities commencing.	<p>2019 EPBC audit found Maintenance Dredging Management Plan – Port March 2018 was approved 15/3/2018 by DoEE; with maintenance dredging first conducted 1-4/5/2018.</p> <p>Maintenance dredging conducted during the audit period was 15,16,28,29 June 2019 only.</p> <p>Maintenance Dredging Management Plan – Port was updated June 2019. Approved 18/6/19. Administrative changes only.</p> <p>Amrun Port and River Facilities Long-Term Maintenance Dredge Management Plan (LMDMP) 2021 – 2031 submitted 3/9/2020 and approved 3 February 2021.</p>	<p>Reviewed 2019 EPBC audit report</p> <p>DoEE Letter dated 18/6/2019</p> <p>Email to DAWE 3/9/2020</p> <p>Letter from DAWE 3 February 2021</p>	<p>EPBC 2019 audit report</p> <p>Correspondence showing evidence of approval of the Maintenance Dredge Management Plan</p> <p>Correspondence showing approval of Long-Term Dredge Management Plan</p>	Compliance
Condition 18 EPBC 2010/5642 <i>The approved Plans at condition 14 and condition 16, and/or their subsequent revisions, must be implemented.</i>					
18.1	The approved Capital Dredge Management Plan/s must be implemented in relation to capital dredge activities.	<p>The Capital Dredging campaign was conducted 26/3 – 19/4 2016. Evidence of implementation of the approved Capital Dredge Management Plan was verified during the 2016 EPBC audit.</p> <p>Monitoring and report requirement specified in the Capital Dredge Management Plan were reviewed during this audit and found to be in compliance with the requirements specified.</p>	Reviewed 2016 EPBC audit report	Reviewed 2016 EPBC audit report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		No capital dredging occurred in the audit period. Capital dredging has been completed.			
18.2	The approved Maintenance Dredge Management Plan/s must be implemented in relation to maintenance dredge activities.	<p>There has been one maintenance dredging campaign during the current audit period that was undertaken 15-16 June 2019 and 28-29 June 2019. No maintenance dredging occurred in 2020 or in 2021.</p> <p>Evidence of implementation of the Maintenance Dredge Management Plan – Port June 2019 for the June 2019 campaign is documented in the checklist relating to Sea Dumping Permit SD2017/3722 (see below).</p> <p>In terms of implementation, all relevant items confirming compliance with the approved maintenance Dredge Management Plan were verified. No items were identified that indicated that relevant actions required by the Maintenance Dredge Management Plan had not been undertaken.</p>	<p>Daily dredging records</p> <p>Pre and post dredge survey records</p> <p>Marine Fauna Survey Observer training records</p>	Review evidence of implementation of the MDMP	Compliance
<p>Condition 19 EPBC 2010/5642</p> <p><i>The approval holder must comply with the requirements of any permits obtained under the Environment Protection (Sea Dumping) Act 1981, including any conditions attached to the permit/s.</i></p> <p>NOTE: 2 sea dumping permits applied during the reporting period – 2017/3722 & 2020/3999 however only one dredging campaign occurred and this was conducted under 2017/3722.</p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<p>General</p> <p>Sea Dumping Permit 2017/3722 variation dated 11/6/2019</p> <p>Permit to load for the purposes of dumping, and to dump, up to 122,000 cubic metres (<i>in situ</i>) of dredged material derived from maintenance dredging of the Amrun Port berth pocket and departure channel; Queensland, commencing on 13 April 2018 and extending until 6 April 2021 subject to conditions which are specified in Appendices 1 and 2.</p> <p><u>Note:</u> RTA Weipa Pty Ltd Maintenance Dredge Management Plan – Port dated June 2019 is the MDMP that applies for this Sea Dumping Permit.</p>					
1	Except so far as the contrary intention appears, terms used in the conditions to this permit have the same meaning as such terms in the Act.	<p>No action required.</p> <p>Note dredging was not occurring during the audit and therefore photographic evidence was used to verify implementation of relevant environmental controls.</p>			No action required.
2	RTAW must ensure that no more than 122,000 cubic metres (<i>in situ</i>) of material derived from maintenance dredging of the Amrun berth pocket and departure channel as specified in Figure 2 of the Application, is loaded and dumped.	<p>Bathymetric report confirms total dredged volume for the period covered by SD 2017/3722 was 40,826 cubic metres, all undertaken during Port of Amrun maintenance dredging campaign 2019.</p> <p>No dredging was conducted in 2020 and 2021.</p>	<p>Bathymetric Report</p> <p>Dredge volume records</p> <p>Pre and post dredge survey</p>	Dredging records	Compliance
3	RTA must only dump within the disposal site.	<p>Maintenance Dredging Management Plan (MDMP) Section 2.6 requires that each load of dredged material will be dumped in the disposal site.</p> <p>Dredge track records showed disposal of material was well within the required site.</p>	<p>MDMP</p> <p>Interview with Specialist</p>	<p>Review MDMP</p> <p>Dredging records</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Amrun Spoil Ground Map 2019 shows start end of trails – all well within the boundary.</p> <p>TSHD “Brisbane” daily records for 15, 16, 28, 29 sighted which included hours of operation and volume estimates.</p>	<p>Environment – Weipa</p> <p>Amrun Spoil Ground Map 2019</p> <p>Daily dredge records 15, 16, 28, 29 June 2019.</p>		
4	RTA must ensure that each load of dredge material is dumped so that the dumped material is distributed evenly over the whole disposal site.	<p>Maintenance Dredging Management Plan (MDMP) Section 2.6 requires that each load of dredged material will be dumped so that the dumped material is distributed evenly over the area of the disposal site.</p> <p>No concerns related to distribution of dumped material.</p> <p>Pre-dredge survey dated 11/6/2019.</p> <p>Dumping occurred 15, 16, 28, 29 June 2019.</p> <p>Post-dredge survey 7/7/2019.</p>	<p>MDMP</p> <p>Pre-dredge survey 11/6/2019</p> <p>Post-dredge survey 7/7/2019</p>	<p>Review MDMP</p> <p>Review post dredge survey map</p>	Compliance
5	RTA must establish by GPS that, prior to dumping, the vessel is within the disposal site.	<p>MDMP Section 2.6 requires that prior to dumping, the vessel must establish by GPS that it is inside the disposal site before commencing dumping.</p> <p>Records showed disposal of material was well within the required site.</p>	<p>MDMP</p> <p>Daily dredge records</p>	<p>Review daily dredge records to ensure vessel in the appropriate</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
			Amrun Spoil Ground Map 2019	location – all trips	
6	RTA must undertake visual and satellite disposal plume monitoring to measure and record the extent of the disposal plume, to inform the ongoing management of maintenance dredge disposal.	Amrun Project Port Maintenance Dredging Water Quality Reporting August 2020 (11/8/2020) describes the water quality monitoring program during maintenance dredging 15, 16, 28 and 29 June 2019. Water quality readings were taken and satellite imagery was used to determine the extent of the dredge plume. No plume was observed throughout the dredging. Recorded turbidity values during dredging related activity were well below natural background conditions in the area. Based on the data collected it was concluded that plume water quality impacts associated with dredging activity were assessed as nil to low.	Port Maintenance Dredging Water Quality Report August 2020	Visual and satellite disposal plume monitoring records	Compliance
7	For 20 minutes prior to the commencement of the dumping activities, RTA must ensure that a check is undertaken, using binoculars from a high observation platform, for marine species within the monitoring zone.	Maintenance Dredging Management Plan requires a check to be undertaken prior to commencement of dumping activities. Daily dredge records showed marine observer in place. Amrun Environmental Audit Checklist 20/6/19 TSHD Brisbane confirms binoculars on board for use (photograph sighted).	Inspection records Interview with Specialist Environment – Weipa	Review MDMP Review dredge records Photographs	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
8	If any marine species are sighted in the monitoring zone, RTA must not commence dumping activities until either twenty minutes after the last marine species is observed in the monitoring zone, or the vessel has moved to another area of the disposal site where it can maintain a minimum distance of 300 metres between the vessel and any marine species.	Dredging marine fauna reporting database shows no sightings of marine species in monitoring zone during maintenance dredging (15, 16, 28, 29 June 2019) – empty forms sighted.	Dredging marine fauna reporting database Interview with Specialist Environment – Weipa	Review dredging records to evaluate actions on sighting marine mammals and turtles – reviewed all records for the dredging period	Not Applicable
9	If at any time during the course of the dumping activities, an environmental incident occurs or an environmental risk is identified, all reasonable measures must be taken immediately by RTA to minimise or mitigate the risk or the impact. RTA must provide a report on the environmental incident or environmental risk to the Department within 48 hours, with details of the incident or	No environmental incidents have occurred. Dredging marine fauna reporting database indicates no incidents have occurred.	Dredging marine fauna reporting database Interview with Specialist Environment – Weipa	Review records to evaluate reporting of incidents	Not Applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	risk, the measures taken, the success of those measures in addressing the incident or risk and any additional measures proposed to be taken.				
10	RTA must document any incidents involving the dumping activities that result in injury or death to any marine species. The date, time and nature of each incident and the species involved, if known, must be recorded, and the incident is to be reported to the Department within 48 hours.	No environmental incidents have occurred in the course of dumping activities that resulted in injury or death to any marine mammals, marine turtles or EPBC Act listed species. Dredging Marine Fauna Database includes a tab for Fauna Observations. Any incidents are to be recorded on this spreadsheet. This includes the requirement to record vessel location and details, observer, sighting details, species, and number of animals in the group, animal behaviour, animal injured (Y/N), distance from dredging, within exclusion zone (Y/N), dredging ceased (Y/N), time details and relevant comments.	Dredging marine fauna reporting database	Review Dredging marine fauna reporting database	Not Applicable
11	RTA must ensure that all persons engaged in the dumping activities under this permit, including the owner(s) and person(s) in charge of the vessel, comply with this permit and the requirements of the Act. The fulfilment of these conditions remains the responsibility of RTA.	Port of Brisbane conducts annual training for crew TSHD Brisbane. Amrun Environmental Audit Report 20/6/2019 confirms operators are trained in all requirements as well as environmental management.	Training Records Daily dredge records Environmental Audit Report 2019	Review records required by the SD permit Evaluate compliance with training requirements	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
12	If requested by the Department, RTA must provide access for at least two nominees of the Department to witness, inspect, examine and/or audit any part of the operations, including any dumping activities or monitoring activities, the vessel or any other equipment, or any documented records. RTA must provide all reasonable assistance to the nominees of the Department for carrying out their duties.	Advised that no request from the Department has been made.	Interview with Specialist Environment – Weipa	Determine if request by Department has been made	Not Applicable
13	RTA must make and retain records comprising either weekly plotting sheets or a certified extract of the ship's log which detail: a) the dates and times of when each dumping run is commenced and finished; b) the position (as determined by GPS) of the dumping vessel at the beginning and end of each dumping run, including the path of each dumping run;	Log of Discharge records were sighted. These included: date, start and end time of each run, GPS position at start and end of each run. Data recorded on spoil ground map and in ARCGIS. Total cubic metres in situ (wet) and dry tonnage calculated. This volume is compared against the overall approved volume of 122,000 cubic metres and recorded in the Cumulative Percentage spreadsheet. Total dredged volume during period covered by SD Permit was 40,826 cubic metres. Calculation of percentage of approval is shown at 33%.	Log of daily discharge records Cumulative percentage Spreadsheet	Review records that show the details of each dumping run in accordance with the requirements listed	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	<p>c) the volume of dredge material (in-situ cubic metres) dumped and quantity in dry tonnes for the specified operational period, and compared to the total amount permitted under the permit on a daily basis;</p> <p>d) the person(s) undertaking the marine species observation required in Condition 7 and any marine species observed within the monitoring zone for each run, including the date, time and approximate distance from the vessel and any action taken to comply with Condition 8.</p> <p>e) the person(s) undertaking the dredge plume monitoring required in Condition 6, the outcomes of the dredge plume monitoring for each run including the date, time and extent of the plume;</p> <p>f) the person(s) responsible for the operation of the vessel at any time during dumping activities.</p>	<p>Daily dredge volumes are recorded in the daily logs. 15/6/2019 5583 cubic metres 16/6/2019 19828 cubic metres 28/6/2019 5434 cubic metres 29/6/2019 11,154 cubic metres These are an estimate and totalled 41,999 cubic metres. Actual dredge volume 40,826.</p> <p>The name of the marine observer is recorded. No marine species were sighted and therefore no avoidance actions were required.</p> <p>Reported volumes are within permitted volume limit. Plume pictures were taken and a maintenance dredge water quality report 2020 and posted on Project website. The vessel master's name is recorded at the top of each log.</p>			

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
14	RTA must retain the records required by Conditions 10, 13 and 16 for verification and audit purposes.	Records relevant to Conditions 10, 13 and 16 were available for the audit.	See Conditions 10,13,16	See Conditions 10,13,16	Compliance
15	RTA must ensure that a bathymetric survey of the disposal site is undertaken by a suitably qualified person. a) prior to the commencement of dumping activities under this permit; and b) within one month of the completion of all dumping activities authorised under this permit.	Surveys prepared by Queensland Government Hydrographic Services on behalf of North Queensland Bulk Ports Corporation. Pre-dredge survey dated 11/6/2019. Dumping occurred 15, 16, 28, 29 June 2019. Post-dredge survey 7/7/2019. Post dredging surveys conducted within one month of the dumping activities, as required.	Dredging – pre-survey dredge area and spoil ground Dredging – post-survey dredge area and spoil ground	Records of bathymetric surveys pre and post dredging across all dredging activities conducted	Compliance
16	Within two months of the final bathymetric survey being undertaken, RTA must provide a digital copy of the bathymetric surveys to the Australian Hydrographic Office.	Email to MSQ noting Amrun information uploaded to the Australia Hydrographic Services site (6/9/2019). This reporting occurred within the two month specified period.	Email correspondence confirming report has been uploaded to AHS website	Evidence of reporting to the Department within two months	Compliance
17	RTA must provide a report on the bathymetry to the Department within two months of the final bathymetric survey being undertaken. The report must include a chart showing the	Email to MSQ noting Amrun information uploaded to the Australia Hydrographic Services site (6/9/2019). This reporting occurred within the two month specified period. Maintenance dredging report sent to DAWE 6/9/2019 included the bathymetric report.	Email correspondence confirming report has been uploaded to AHS website	Evidence of reporting to the Department within two months	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	change in sea floor bathymetry as a result of dumping activities and include written commentary on the volumes of dumped material that appear to have been retained within the disposal site.		Letter to DAWE dated 6/9/2019 Bathymetric report		
18	To facilitate annual reporting to the International Maritime Organization, RTA must report to the Department by 31 January each year, including on the day of the expiry of the permit or completion of all dumping activities under this permit, information at Appendix 2 to this permit, or in a format as approved by the Department from time to time.	Maintenance dredging and dumping activities occurred during the period 15, 16, 28, 29 June 2019. A report was required by 31/1/2020. The report was provided to the International Marine Organisation on 21/1/2020 for the 2019 calendar year. Report provided to the International Marine Organisation 21/1/2021 for the 2020 calendar year – showing no dredging. Report provided to the International Marine Organisation 31/1/2022 for the 2021 calendar year – showing no dredging. All reports to the International Maritime Organisation were lodged by the due date.	Sea Dumping Permit International Reporting Requirements Form – 2022, 2021, 2020	Evidence of annual reporting to IMO	Compliance
Appendix 2	Completion of reporting requirements – due 31 January each year.	See above			

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
CLEARING – TERRESTRIAL MANAGEMENT PLAN					
Condition 20 EPBC 2010/5642 <i>The approval holder must not clear vegetation or remove more than 29,658 hectares of vegetation over the life of the project. The maximum clearing of vegetation for mining areas and infrastructure that can occur in any 12 month period is 4,000 hectares.</i>					
20.1	Total clearing of vegetation to date must be less than 29,658 hectares.	Amrun clearing inventory is progressively updated, with monthly totals recorded. Cumulative total to date (October 2015 – April 2021) is 3,904 hectares PLUS 1546.2 = 5,450.2 hectares. This is below the permitted total.	Amrun clearing inventory spreadsheet	Review clearing records for all clearing conducted to date	Compliance
20.2	The maximum clearing of vegetation for mining areas and infrastructure in any 12 month period must be 4,000 hectares.	Amrun clearing inventory is progressively updated, with monthly totals recorded. May 2019 – April 2020 – 537 hectares. May 2020 – April 2021 – 572 hectares. May 2021 – April 2022 – 1546.2 hectares.	Amrun clearing inventory spreadsheet	Review annual clearing records	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding																
Condition 21 EPBC 2010/5642 <i>To mitigate impacts on Red Goshawk (Erythrotriorchis radiates) and Masked Owl (Tyto novaehollandiae kimberli), Listed flora species and Listed migratory species the approval holder must provide vegetation buffer zones from mining area/s (in addition, to buffer zones required under state regulations) for the Environmental Features (as defined in the Queensland Department of Natural Resources and Mines Regional Vegetation Management Code for Western Bioregions (version 2.1, 30 November 2012)) described in following table. The vegetation buffer zones exclude areas of infrastructure.</i>																					
<table><tr><th>Environmental feature</th><th>Vegetation buffer zones</th></tr><tr><td>Stream order one or two</td><td>100m to 200m** from edge of riparian</td></tr><tr><td>Stream order three or four</td><td>100m to 200m** from edge of riparian vegetation</td></tr><tr><td>Stream order five and above</td><td>200m from edge of riparian vegetation</td></tr><tr><td>Natural wetland</td><td>200m from edge of wetland vegetation</td></tr><tr><td>Natural significant wetland</td><td>200m from edge of wetland vegetation</td></tr><tr><td>Tidal areas and marine plants***</td><td>200m from boundary of feature</td></tr><tr><td>Vine forest, coastal vegetation on sand, estuaries</td><td>200m from edge of relevant vegetation type</td></tr></table>						Environmental feature	Vegetation buffer zones	Stream order one or two	100m to 200m** from edge of riparian	Stream order three or four	100m to 200m** from edge of riparian vegetation	Stream order five and above	200m from edge of riparian vegetation	Natural wetland	200m from edge of wetland vegetation	Natural significant wetland	200m from edge of wetland vegetation	Tidal areas and marine plants***	200m from boundary of feature	Vine forest, coastal vegetation on sand, estuaries	200m from edge of relevant vegetation type
Environmental feature	Vegetation buffer zones																				
Stream order one or two	100m to 200m** from edge of riparian																				
Stream order three or four	100m to 200m** from edge of riparian vegetation																				
Stream order five and above	200m from edge of riparian vegetation																				
Natural wetland	200m from edge of wetland vegetation																				
Natural significant wetland	200m from edge of wetland vegetation																				
Tidal areas and marine plants***	200m from boundary of feature																				
Vine forest, coastal vegetation on sand, estuaries	200m from edge of relevant vegetation type																				
<ul style="list-style-type: none">• • Set based on site specific factors following field survey.* * * Category B Environmentally Sensitive area as defined by the Environmental Protection Regulation 2008 (Qld).																					
21.1	Vegetation buffer zones as identified must be provided from mining area/s	<p>Terrestrial Management Plan Section 4 details specifications for Environmental Buffer Systems for the listed relevant species. Section 6 describes the implementation of vegetation buffer zones.</p> <p>Pre-disturbance surveys are conducted prior to all clearing. All clearing boundaries are recorded on ARC GIS Pro (sighted files). Buffer zones are included in</p>	<p>Terrestrial MP</p> <p>Cleared survey file</p> <p>Annual Pre-Clear Survey Reports</p>	<p>Review records to show buffer is being complied with</p> <p>Evidence of compliance with</p>	Compliance																

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>ARC GIS using the Queensland RE layer and additional more detailed sensitive vegetation data. Ground truthing occurs as part of the approval process. An approved permit is required before any clearing activities commence. This includes the requirement for a heritage and environmental approval. This approval lasts for two weeks. If clearing has not been conducted within this timeframe, then another pre-clearing survey must be conducted. Evidence of this was sighted via the Mine Preclear Survey Tracker spreadsheet.</p> <p>GPS guidance is provided in all land clearing equipment. The shapefile generated in ARC GIS PRO specifying the buffer zones and permitted clearing zones are transferred to the GPS system showing clearing zone and buffers in the dozer equipment. This system continues to be well implemented.</p> <p>2021 Rio Tinto Weipa Mine Preclear Survey Report Amrun.</p> <p>All processes in relation to establishment and adherence to buffer zones were demonstrated.</p>	Interview Land Management Advisor	pre-clearing procedures	
<p>Condition 22 EPBC 2010/5642</p> <p><i>Prior to any clearing of vegetation (including for Preliminary Works), surveying must be undertaken to ascertain whether active, or potentially active, nests for the Red Goshawk (Erythrorchis radiates) and/or Masked Owl (Tyto novaehollandiae kimberli) are present in the area to be cleared. Surveying must be undertaken for the:</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<p><i>a. Red Goshawk – in areas located within one (1) kilometre of permanent water supporting riparian gallery forest or Paperback wetland; seasonally inundated coastal wetlands and seasonal water courses supporting riparian gallery forest, or an estuary; and,</i></p> <p><i>b. Masked Owl - in areas within 200 metres of permanent water supporting riparian gallery forest of paperbark wetland, seasonally inundated Paperbark wetlands, seasonal watercourses supporting riparian gallery forest or an estuary.</i></p>					
22.1	Prior to any clearing, surveys for Red Goshawk and Masked Owl must be undertaken during nesting and fledging seasons to ascertain whether active, or potentially active, nests for the Red Goshawk and Masked Owl are present.	<p>Terrestrial Management Plan Section 6 requires a Pre-Disturbance Program to be implemented prior to clearing of any vegetation. This consists of pre-disturbance surveys, implementing a range of buffer distances as specified in this EPBC approval, ground truthing buffer requirements based on the findings of surveys, establishing conditions for clearing as required, recording all results and assessments in GIS, issuing ground disturbance permits and implementation of the ground disturbance approval procedure.</p> <p>The Terrestrial Management Plan section 6.1.2 details the survey requirements for the Red Goshawk and the Masked Owl. This includes: determining presence of Red Goshawk (within 1 km of specified locations) and Masked Owls (within 200m of specified locations).</p> <p>Surveys involve walk through. Observations of nest are required to be recorded and assessed. Survey report is generated annually.</p> <p>No active or potentially active nests for Red Goshawk or Masked Owls were sighted; as reported in the Amrun Project Pre-disturbance Program Annual Report August 2019, Amrun Project Pre-disturbance</p>	<p>Terrestrial MP</p> <p>Interview Land Management Advisor</p> <p>Amrun Project Pre-disturbance Program Annual Report August 2019</p> <p>Amrun Project Pre-disturbance Program Annual Report August 2020</p> <p>Amrun Project (EPBC 2010/5642) – Annual Environmental Monitoring Report 2021</p>	Review TMP relating to the process for clearing to evaluate requirement for survey and review records showing this occurs	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Program Annual Report August 2020 or Amrun Project (EPBC 2010/5642) – Annual Environmental Monitoring Report 2021.</p> <p>Survey reports e.g. 2021 Rio Tinto Weipa Mine Preclear Survey Report Amrun confirm that prior to any clearing of vegetation surveying is undertaken for the presence of the Red Goshawk and the Masked Owl.</p>	<p>2021 Rio Tinto Weipa Mine Preclear Survey Report Amrun</p>		
<p>Condition 23 EPBC 2010/5642</p> <p><i>The Pre-disturbance Program must include avoidance, mitigation or management measures (and may include measures in the Final Environmental Impact Statement) if active, or potentially active, nests for the Red Goshawk or Masked Owl are found during surveying, including a 200 metre buffer zone around nest trees. The nest tree and buffer zone cannot be cleared or disturbed until the end of the breeding season (being until fledglings no longer use the nest for habitat).</i></p>					
23.1	<p>Pre-disturbance Program must include avoidance, mitigation or management measures if active, or potentially active, nests for the Red Goshawk or Masked Owl are found during surveying including a 200 metre buffer and avoidance of clearing or disturbing a nest tree and buffer zone until fledglings no longer use the nest for habitat.</p>	<p>Terrestrial Management Plan Section 6.1.2 specifies requirements for environmental buffers.</p> <p>There is a requirement that specifies that if an active nest is identified, measures will be implemented and a 200m buffer established around nest trees. Clearing of trees with active nests and the buffer zone will not occur until the end of the breeding season. Breeding seasons are noted in the Terrestrial MP.</p> <p>No listed fauna or flora species were found in the Project Area, as detailed above in Condition 22.</p>	<p>Reviewed TMP</p> <p>Interview Acting Land and Rehabilitation Supervisor</p>	<p>Review TMP relating to the pre-disturbance program for listed species</p>	<p>Compliance</p>
<p>Condition 24 EPBC 2010/5642</p> <p><i>Information obtained during the Pre-disturbance Program must be used to inform the Terrestrial Management Plan at condition 25.</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
24.1	Information obtained during the Pre-disturbance Program must be used to inform the Terrestrial Management Plan at condition 25.	Terrestrial Management Plan V2.1 dated 28 May 2020 includes information from the pre-disturbance program. These included: red goshawk (section 4.1) and the masked owl (section 4.2). It was noted in section 4.3 that bat surveys conducted did not detect Bare-rumped sheathail bats however noted that if there were identified in the project area then adaptive measures to avoid and mitigate impacts would be implemented. No specific measures are warranted to mitigate any impacts to listed migratory birds as negligible impacts are expected (section 4.5). Section 4.4 addresses protected flora, utilising survey results. Section 6.1.2 details the pre-disturbance program. This addresses the requirements specified in Condition 25.	Reviewed TMP	Review TMP	Compliance
TERRESTRIAL MANAGEMENT PLAN					
<p>Condition 25 EPBC 2010/5642</p> <p><i>The approval holder must submit a Terrestrial Management Plan covering all of the land based activities associated with the construction and operation of the project for the Minister's approval to effectively define, avoid, adaptively manage and mitigate negative impacts to the following matters of national environmental significance:</i></p> <p><i>i. Red Goshawk (Erythrorchis radiates); Masked Owl (Tyto novaehollandiae kimberli); and Bare-rumped Sheathail Bat (Saccolaimus saccolaimus nudiclunatus)</i></p> <p><i>ii. Listed migratory bird species; and,</i></p> <p><i>iii. Listed flora species.</i></p>					
25.1	Terrestrial Management Plan must be submitted for Minister's approval.	The EPBC 2016 audit report noted that the RTA Weipa Terrestrial Management Plan – South of Embley Project 14 October 2015 was submitted and approved.	Reviewed EPBC 2016 audit report	EPBC 2016 Audit Report Correspondence seeking	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>In accordance with the requirements of Condition 30, a revised Terrestrial MP was submitted for Approval 3 February 2020.</p> <p>Letter dated 12 June 2020 from DAWE approving Terrestrial Management Plan dated 28 May 2020.</p>	<p>Email to DoEE dated 30 January 2020</p> <p>Email from DoEE dated 30 January 2020</p> <p>Letter dated 12 June 2020 confirming approval of revised Terrestrial MP</p>	<p>evidence of submission of TMP</p> <p>Revised Terrestrial MP</p> <p>Correspondence confirming submission and approval from DAWE</p>	
25.2	<p>Terrestrial Management Plan must address impacts to the following matters of national environmental significance:</p> <p>i. Red Goshawk (<i>Erythrotriorchis radiates</i>); Masked Owl (<i>Tyto novaehollandiae kimberli</i>); and Bare-rumped Sheath-tail Bat (<i>Saccolaimus saccolaimus nudiclunatus</i>)</p> <p>ii. Listed migratory bird species; and,</p> <p>iii. Listed flora species.</p>	<p>Terrestrial Management Plan dated 28 May 2020. Terrestrial MP Section 1 states purpose as documenting principles and practices associated with all land based activities associated with construction and operation to manage, avoid and mitigate potential negative impacts on Matters of National Environmental Significance (as listed i,ii,iii). Reference is made to Conditions EPBC 2010/5642 Conditions 25 to 30.</p> <p>Potential impacts and management measures are summarised:</p> <p>Red Goshawk – section 4.1</p> <p>Masked Owl – section 4.2.</p> <p>Bare-rumped Sheath-tail Bat section 4.3.</p>	Reviewed TMP	Evaluation of TMP relating to addressing impacts to MNES	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Migratory birds – as referred to in Annexure 1 of EPBC 2010/5642 including International Migratory Shorebirds, Waterbirds, Seabirds, Raptors, Woodland Birds, Barn Swallow and Aerial Species. Details of these species are included in Annex B of the Terrestrial MP.</p> <p>Listed flora species (4.4.1 Cooktown Orchid, 4.4.2 Chocolate Tea Tree Orchid, 4.4.3 Beach Nightshade) Section 5 outlines the potential impacts and risks. Section 6 details the avoidance, mitigation and management measures.</p>			
<p>Condition 26 EPBC 2010/5642 <i>The Terrestrial Management Plan must incorporate avoidance and mitigation measures for each impact associated with the project including, but not limited to:</i></p> <p><i>a. measures for water related impacts including, but not limited to, erosion, construction and operation of the dam; stormwater runoff, flood events, hydrocarbon spills, sewage, crude or process water, runoff from ore stockpiles, and downstream impacts on watercourses, streams and marine environment (including estuaries);</i></p> <p><i>b. measures for pests and weed management, dust management, and fire management:</i></p> <p><i>c. implementing the vegetation buffers zones at condition 21; and,</i></p> <p><i>d. measures identified in the Environmental Management Plan Outlines at Appendix 5-A (Threatened Flora Species); Appendix 6-C (Threatened fauna species); Appendix 8-A (Avian Migratory Species); and, Appendix 16-B (Water Monitoring and Management Conditions) in the Final Environment Impact Statement.</i></p>					
26.1	Terrestrial Management Plan must incorporate avoidance and mitigation measures addressing a. through d.	<p>Terrestrial Management Plan dated 28 May 2020.</p> <p>Section 5 outlines the potential impacts and risks. Section 6 details the avoidance, mitigation and management measures.</p>	Reviewed TMP	Evaluation of TMP relating to addressing impacts to items a-d	Compliance See below
26.1a	Water related impacts	Terrestrial MP Section 6.5 Water Management Measures specifies measures to be implemented to	Reviewed TMP	Evaluation of TMP relating to	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>minimise impacts on the species covered in the plan related to erosion, dam operation, stormwater runoff, flood events, hydrocarbon spills, sewage, crude or process water, runoff from ore stockpiles, downstream impacts on watercourses, wetlands and marine environment. Measures include: constructing and maintaining appropriate structures, Erosion and Sediment Control Plan, Water Management Plan, surface water monitoring program, controls relating to recycling water and treating effluent, rehabilitation requirements, discharge specifications, dam design specifications for flood mitigation, limiting storage and management of hydrocarbons.</p>		<p>management of water related impacts</p>	
26.1b	Pests and Weeds, dust and fire	<p>Terrestrial Management Plan section 6.2 Fire. A Fire Management Program was developed with Traditional Owners and the WCCCC including aerial and ground based burning techniques implemented by the Land and Sea Management Programme. This includes annual fire planning and workshops, pre-fire season inspections, fuel reduction burning, monitoring and post-fire season inspections and monitoring.</p> <p>Terrestrial Management Plan Section 6.3 Weed Management Program. Program notes main focus will be early detection and early control of invasive weeds. Priority weed species are listed. Washdown facilities and management of these, weed surveys,</p>	Reviewed TMP	<p>Evaluation of TMP relating to management of pests, weeds, dust and fire</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>mapping including GIS database, training, protocols and access control form the basis of the Weed MP.</p> <p>Terrestrial Management Plan Section 6.4 covers the Feral Pig Control Program, referencing the Feral Pig Management Offset Strategy; as well as Feral Cats and Dogs outlining requirements relating to monitoring, trapping and record keeping.</p> <p>Terrestrial MP Section 6.6 Dust. Measures lists dust abatement measures including: implementation of environmental buffers; restricting the area of disturbance; restricting speed and haul road watering.</p>			
26.1c	Vegetation buffer zones	Terrestrial Management Plan Section 6.1.1 requires the implementation of the Environmental Buffer System and refers to the set back distances from sensitive vegetation types.	Reviewed TMP	Evaluation of TMP relating to management of vegetation buffer zones	Compliance
26.1d	Measures in the EMP from the EIS	Terrestrial MP Section 9 details the action plans for each species.	Reviewed TMP	Evaluation of TMP relating to management of actions listed in the EIS	Compliance
<p>Condition 27 EPBC 2010/5642</p> <p><i>The Terrestrial Management Plan must also include adaptive management strategies to benefit the species listed at condition 25. The Terrestrial Management Plan must include and address effective management strategies to mitigate each potential impact, desired outcomes, benchmarks, readily measureable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and, specify the person/s roles with responsibility for implementing actions. The Terrestrial Management Plan must provide information detailing Traditional Owner</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<i>employment opportunities, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).</i>					
27.1	Terrestrial Management Plan must include adaptive management strategies to benefit the species listed at condition 25.	Terrestrial MP Section 5.11 details the requirements for the Bare-Rumped Sheathtail Bat Targeted Surveys and Research Program. 5.11.3 notes should this species be found in the Project area, adaptive management measures to avoid and mitigate impacts will be incorporated into the Terrestrial MP.	Reviewed TMP	Evaluation of TMP relating to inclusion of adaptive management strategies	Compliance
27.2	Terrestrial Management Plan must include and address effective management strategies to mitigate each potential impact, desired outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and specify the persons/ roles with responsibility for implementing actions.	Terrestrial MP Table 9 details potential impact, species potentially impacted, avoidance mitigation and management measures, desired outcomes and benchmarks and performance indicators; as well as timeframes, corrective actions and contingency measures. Responsibility is listed.	Reviewed TMP	Evaluation of TMP relating to the inclusion of management strategies to mitigate impacts, as listed	Compliance
27.3	Terrestrial Management Plan must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting	MP Section 8 Traditional Owner Employment Opportunities notes Traditional Owner employment opportunities will be available via: Feral Pig Control Program; Feral cat and dog control Program; Weed Management Program; Rehabilitation Program,	Reviewed TMP	Evaluation of TMP relating to Traditional Owner opportunities	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).	Water Management Program; Fire Management Program; and Seed collection associated with rehabilitation. Terrestrial MP notes as part of the reporting obligations under the Indigenous Land Use Agreement, quarterly review reports are provided to the WCCCA on RTAW's Indigenous employment and training obligations. This report shall include the number of Indigenous employment opportunities taken up under the Land and Sea Management Programs.		and employment	
Condition 28 EPBC 2010/5642 <i>The Terrestrial Management Plan must be informed by the most current information available to avoid, manage or mitigate impact associated with the project (including, but not limited to National Water Quality Management Strategy, Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC 2000) or most current version/s of these guidelines.</i>					
28.1	Terrestrial Management Plan must be informed by the most current information available to avoid, manage or mitigate impact associated with the project.	Terrestrial MP Section 6 refers to currently available information, with reference to survey results undertaken that inform the revised version of the Terrestrial MP.	Reviewed TMP	Evaluate TMP relating to currency of information	Compliance
Condition 29 EPBC 2010/5642 (Variation dated 3 June 2014) <i>The Terrestrial Management Plan must be submitted to the Minister for approval at least 6 months prior to commencement of the action. The commencement of the action must not occur until the Terrestrial Management Plan has been approved by the Minister. The approved Terrestrial Management Plan must be implemented.</i>					
29.1	Terrestrial Management Plan must be submitted to the Minister for approval at least 6	EPBC 2016 audit report noted the Terrestrial Management Plan was submitted to the Minister 2/1/2015, prior to commencement of the action.	Reviewed EPBC 2016 audit report	EPBC 2016 Audit Report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	months prior to commencement of the action.	Commencement of the action was 12/5/2016.		Correspondence confirming submission of TMP	No further auditing required
29.2	Terrestrial Management Plan must be approved prior to commencement of the action.	EPBC 2016 audit report noted that the DoE had reviewed the Terrestrial Management Plan and found it to meet the requirements of the relevant conditions.	Reviewed EPBC 2016 audit report	EPBC 2016 Audit Report Correspondence confirming approval from DoE	Compliance No further auditing required
29.3	The approved Terrestrial Management Plan must be implemented.	In terms of implementation, all relevant items confirming compliance with the Terrestrial Management Plan were verified in relation to: the environmental buffer system, pre-disturbance program, fire program, weed management program, water management issues, dust management, feral animal management and traditional owner employment opportunities. No items were identified during the site audit that indicated that relevant actions required by the Terrestrial Management Plan had not been undertaken. Examples of implementation of the approved Terrestrial Management Plan for the current audit period include:	Terrestrial Biodiversity Offset Plan Annual Compliance Reports Annual Pre-disturbance reports Weed Survey Reports Interview with Specialist	Records demonstrating implementation of TMP for the current audit period Interview with Site personnel	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Offsets implemented for the Cooktown Orchid and Chocolate Tea Orchid, with plants propagated. This is in line with the Terrestrial Biodiversity Offset Plan, as reported in the Terrestrial Biodiversity Offset Plan Annual Compliance Report 2021.</p> <p>Annual Weed Survey of the Amrun Project Area June 2019 (Ecotone, 5/11/2019).</p> <p>Amrun Project (EPBC 2010/5642) – Annual Environmental Monitoring Report 2021 includes reporting of feral animal management, fire management, weed management and implementation of the pre-disturbance program.</p> <p>Daily inspections conducted by the Land and Sea Management Program team.</p> <p>Compliance with the Feral Pig Offset Strategy has is reported in this audit checklist – Condition 43.</p> <p>Commencement of Fire Management Program. Fire management schedule is in place, developed in consultation with Traditional owners.</p> <p>In terms of implementation, all relevant items confirming compliance with the Terrestrial Management Plan were verified in relation to: the environmental buffer system pre-disturbance program, weed management program, water</p>	<p>Environment – Weipa</p> <p>Interview Land Management Advisor</p>		

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		management issues, Bare-rumped Sheath-tail bat surveys and traditional owner employment opportunities. No items were identified during the document review or the site audit that indicated that relevant actions required by the Terrestrial Management Plan had not been undertaken.			
Condition 30 EPBC 2010/5642 <i>Within 60 days of the first anniversary of operations commencing, a revised Terrestrial Management Plan must be submitted to the Minister for approval. The Terrestrial Management Plan must be reviewed, revised and submitted to the Minister for approval every five (5) years (unless otherwise agreed by the Minister in writing) thereafter for the life of the project. The approved Terrestrial Management Plans, as revised, must be implemented.</i>					
30.1	Within 60 days of the first anniversary of operations commencing, the Terrestrial Management Plan must be reviewed, revised and submitted to the Minister for approval.	<p>Operations commenced 2 December 2018. First anniversary of operations commencing 2 December 2019.</p> <p>Email dated 30 January 2020 from DoEE states that submission of the Terrestrial Management Plan on 3 February 2020 is fine. This email is in response to a request from RTA Weipa to submit the Terrestrial MP on this date as the 60 day requirement fell on the Sunday.</p> <p>Terrestrial MP submitted for Approval 3 February 2020.</p> <p>Letter dated 12 June 2020 from DAWE approving Terrestrial Management Plan dated 28 May 2020.</p>	<p>Email to DoEE dated 30 January 2020</p> <p>Email from DoEE dated 30 January 2020</p> <p>Letter dated 12 June 2020 confirming submission of revised Terrestrial MP and approval of the revised Terrestrial MP</p>	<p>Revised Terrestrial MP</p> <p>Correspondence confirming submission and approval from DoEE</p>	<p>Compliance</p> <p>No further auditing required</p>

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
30.2	Every five (5) years thereafter for the life of the project the Terrestrial Management Plan must be reviewed, revised and submitted to the Minister for approval.	<p>Terrestrial Management Plan Section 9 notes that the Terrestrial MP shall be reviewed, revised and submitted to the Minister for approval within 60 days of the first anniversary of commencement of operations and every five years thereafter for the life of the project.</p> <p>Operations commenced 2/12/2018 and therefore this condition is not yet applicable. The first review has occurred and the revised Terrestrial Management Plan dated 28 May 2020.</p> <p>The five yearly review is not yet required.</p>	<p>Reviewed Revised TMP dated 28 May 2020</p> <p>Letter dated 12 June 2020 confirming submission of revised Terrestrial MP and approval of the revised Terrestrial MP</p>	<p>Revised TMP</p> <p>Correspondence confirming submission of TMP</p> <p>Correspondence confirming approval of revised TMP</p>	Compliance
30.3	The revised Terrestrial Management Plans must be implemented in relation to the avoidance and mitigation measures a. to d. from condition 26 and strategies from condition 27.	The revised Terrestrial Management Plan dated 28 May 2020 is implemented. Details specified in conditions 26 and 27.	Annual Pre-disturbance reports	Records confirming implementation of the revised Terrestrial MP	Compliance
BAT SURVEY					
<p>Condition 31 EPBC 2010/5642</p> <p><i>For the Bare-rumped Sheathtail Bat (Saccolaimus saccolaimus nudiclunatus) the approval holder must:</i></p> <p><i>a. undertake a targeted Bare-rumped Sheathtail Bat survey in the project area, using broad spectrum acoustic monitoring prior to the commencement of the action. The survey must cover, as a minimum, the area that was subjected to netting as part of the Final Environmental Impact Statement;</i></p> <p><i>b. support a research program being conducted by the Australian Bat Society which will aim to improve the quality of the reference call library for microbats of the Cape York region:</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<p>c. utilise the reference calls acquired by the research program to analyse the targeted survey results for the Bare rumped Sheathtail Bat {at minimum for those reference calls collected as part of the Final Environmental Impact Survey) and further define habitat preferences for the species; and,</p> <p>d. if the Bare-rumped Sheathtail Bat is identified, adaptive management measures to avoid and mitigate impacts from the project must be implemented in the Terrestrial Management Plan at condition 25 within six (6) months of the identification of the species.</p>					
31.1	A targeted Bare-rumped Sheathtail Bat survey must be undertaken in the project area using broad spectrum acoustic monitoring prior to the commencement of the action and covering the area that was subjected to netting as part of the Final Environmental Impact Statement.	<p>EPBC 2016 audit report noted that a targeted survey for the bare-rumped sheath-tailed bat in the South of Embley Project area was conducted. The report was issued 21 November 2013, prior to the commencement of action (12/5/2016).</p> <p>Confirmed EPBC 2022 audit</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p>	<p>EPBC 2016 Audit Report</p> <p>Evidence that the survey has been conducted and covers requirements specified.</p>	<p>Compliance</p> <p>No further auditing required</p>
31.2	Support must be provided for a research program being conducted by the Australian Bat Society which will aim to improve the quality of the reference call library for microbats of the Cape York region.	<p>EPBC Audit Report 2019</p> <p>Grant Agreement between the Australasian Bat Society, Inc. and RTA Weipa Ltd dated 20/12/2018 to provide support to the ABS Cape York "Bat Blitz". RTA Weipa to provide a one-off lump sum for ABS to conduct a field survey, collect a set of reference echolocation calls, provide a report and produce an echolocation call guide.</p> <p>An invoice for the agreed amount was raised by the ABS 14/1/2019. Remittance advice from RTA Weipa to ABS providing proof of payment for the full amount dated 13/2/2019.</p> <p>Confirmed EPBC 2022 audit</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p>	<p>Evidence of support provided to Australian Bat Society.</p> <p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p>	<p>Compliance</p> <p>No further auditing required</p>

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
31.3	Upon collection by the research program, reference calls must be used to analyse the targeted survey results for the Bare rumped Sheathtail Bat collected as part of the Final Environmental Impact Survey and further define habitat preferences for the species.	<p>EPBC Audit Report 2016 and RPBC Audit Report 2019 Bat survey did not identify any Bare Rumped Sheathtail Bats however habitat preference was described for the <i>S. mixtus</i> and <i>S. flaviventris</i> species.</p> <p>A reference call library has been prepared for all bats in the Cape York region. The reference call for the Bare rumped Sheathtail bat was obtained and used to analyse the SoE survey results. There was no indication of presence of the Bare rumped Sheath-tailed Bat from recordings of bat echolocation. The results of the analysis are described in the Terrestrial Management Plan Section 5.11.1. DoEE have approved the Terrestrial Management Plan and accepted this analysis.</p> <p>Confirmed EPBC 2022 audit</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p>	<p>Evaluate survey report to determine if species identified</p> <p>Evidence of sighting species</p> <p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p>	<p>Compliance</p> <p>No further auditing required</p>
31.4	If the Bare-rumped Sheathtail Bat is identified, adaptive management measures to avoid and mitigate impacts from the project must be implemented in the Terrestrial Management Plan at condition 25 within six (6) months of the identification of the species.	<p>EPBC Audit Report 2016 and EPBC Audit Report 2019 Bat survey did not identify any Bare Rumped Sheathtail Bats.</p> <p>Confirmed during 2022 audit that no Bare-rumped Sheathtail bats have been sighted.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p> <p>Interview Specialist Environment – Weipa</p>	<p>EPBC 2016 Audit Report</p> <p>EPBC 2019 audit report</p> <p>Evaluate survey report to determine if species identified</p>	<p>Not applicable</p>

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
				Evidence of sighting species	
Condition 32 EPBC 2010/5642 <i>The approval holder must notify the department in writing within five (5) business days of any confirmed or suspected observation/s (including for condition 31) in the project area of Bare-rumped Sheathtail Bat.</i>					
32.1	Department must be notified within five (5) business days of any confirmed or suspected observation/s in the project area of Bare-rumped Sheathtail Bat.	No Bare-rumped Sheathtail bats have been sighted.	Interview Specialist Environment – Weipa	Evidence of sighting species and, if applicable, records of notification	Not applicable
REHABILITATION STRATEGY					
Condition 33 EPBC 2010/5642 (Variation dated 9/6/2021) <i>The approval holder must submit an adaptive Rehabilitation Strategy, covering the construction and operation of the project to ensure the rehabilitated areas are functionally equivalent to the pre-disturbance habitat, to enable similar land use to that of the pre-disturbance habitat, by the following matters of national environmental significance:</i> <ul style="list-style-type: none"> i. Red Goshawk (<i>Erythrotriorchis radiates</i>); ii. Masked Owl (<i>Tyto novaehollandiae kimberli</i>); iii. Barn Swallow (<i>Hirundo rustica</i>); and iv. if identified as a result of implementing the requirements of condition 31 and condition 32, the Bare-rumped Sheathtail Bat (<i>Saccolaimus saccolaimus nudicluniatatus</i>). 					
33.1	Rehabilitation Strategy must be submitted for Minister's approval in accordance with the timeframe in condition 36.	Condition 36 requires a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required and therefore this condition is not yet applicable.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
33.2	Rehabilitation Strategy must be prepared to ensure the rehabilitated areas are functionally equivalent to the pre-disturbance habitat, to enable similar land use to that of the pre-disturbance habitat, by the following matters of national environmental significance: i. Red Goshawk (<i>Erythrotriorchis radiates</i>); ii. Masked Owl (<i>Tyto novaehollandiae kimberli</i>); iii. Barn Swallow (<i>Hirundo rustica</i>); and, iv. if identified at condition 31 or condition 32, the Bare-rumped Sheath-tail Bat (<i>Saccolaimus saccolaimus nudiclunatus</i>).	Condition 36 requires a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required and therefore this condition is not yet applicable.	N/A	N/A	Not applicable
Condition 34 EPBC 2010/5642 <i>The land area to be progressively rehabilitated over the life of the project must be no less than 28,880 hectares. Unless otherwise specified in the approved Rehabilitation Strategy at condition 33, rehabilitation works must commence within two (2) years:</i> i. <i>following mining in the area/s where it has been completed; or,</i> ii. <i>following decommissioning and removal of any infrastructure, in each area where that infrastructure will not be retained at the end of the project.</i>					
34.1	The land area to be progressively rehabilitated over the life of the project	Operations commenced 7/12/2018. Rehabilitation works are not yet required as to date: (i) there are no areas where mining has been completed; and (ii)	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	must be no less than 28,880 hectares.	there are no areas where infrastructure has been decommissioned and removed – not applicable.			
34.2	Rehabilitation works must commence within two (2) years of land disturbance categories i. or ii. occurring.	Rehabilitation works are not yet required as to date: (i) there are no areas where mining has been completed; and (ii) there are no areas where infrastructure has been decommissioned and removed – not applicable.	N/A	N/A	Not applicable
Condition 35 EPBC 2010/5642 <i>The Rehabilitation Strategy must include adaptive management strategies to benefit the species listed at condition 33. The Rehabilitation Strategy must include measures outlined in the Final Environment Impact Statement and address effective management strategies to identify desired outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and, specify the person/s roles with responsibility for implementing actions. The Rehabilitation Strategy must provide information detailing Traditional Owner employment opportunities, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Strategy, (consistent with condition 42).</i>					
35.1	Rehabilitation Strategy must include adaptive management strategies to benefit the species listed at condition 33.	Condition 36 requires a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required and therefore this condition is not yet applicable.	N/A	N/A	Not applicable
35.2	Rehabilitation Strategy must include and address effective management strategies to mitigate each potential impact, desired outcomes, benchmarks, readily measurable performance indicators and goals,	Condition 36 requires a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required and therefore this condition is not yet applicable.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	timeframes for reporting and implementation, corrective actions and contingency measures, and specify the persons/ roles with responsibility for implementing actions.				
35.3	Rehabilitation Strategy must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).	Condition 36 requires a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required and therefore this condition is not yet applicable.	N/A	N/A	Not applicable
Condition 36 EPBC 2010/5642 (Variation dated 3 December 2021) <i>The Rehabilitation Strategy must be submitted to the Minister for approval by 12 December 2022, or as otherwise agreed in writing by the Minister. The approved Rehabilitation Strategy must be implemented.</i>					
36.1	Rehabilitation Strategy must be submitted to the Minister for approval by 2 December 2022, or as otherwise agreed by the Minister.	A Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a Rehabilitation Strategy is not yet required – not applicable.	N/A	N/A	Not applicable
36.2	The approved Rehabilitation Strategy must be implemented in relation to the land	A Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	disturbance categories i. and ii. in condition 34.	Therefore, a Rehabilitation Strategy is not yet required – not applicable.			
Condition 37 EPBC 2010/5642 <i>Unless otherwise agreed to by the Minister in writing, every five (5) years from the first anniversary of the approval of the Rehabilitation Strategy at condition 33 a reviewed Rehabilitation Strategy must be submitted to the Minister. The approved Rehabilitation Strategy must be implemented.</i>					
37.1	Rehabilitation Strategy must be reviewed, revised and submitted to the Minister for approval every five (5) years thereafter for the life of the project.	A Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a revised Rehabilitation Strategy is not yet required – not applicable.	N/A	N/A	Not applicable
37.2	Revised Rehabilitation Strategy must be implemented in relation to the land disturbance categories i. and ii. in condition 34.	A Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, a revised Rehabilitation Strategy is not yet required – not applicable.	N/A	N/A	Not applicable
Condition 38 EPBC 2010/5642 <i>If the rehabilitation objectives identified for species identified at condition 33 do not meet any of the success criteria for any of these species as described in the approved Rehabilitation Strategy at condition 33 after 10 years of rehabilitation commencing, or as otherwise agreed in the approved Rehabilitation Strategy, the approval holder must notify the Minister in writing within 20 business days of the area (hectares) over which the rehabilitation objectives and success criteria were not met.</i>					
38.1	If the rehabilitation objectives in Condition 33 do not meet any of the success criteria detailed in the approved Rehabilitation Strategy after 10 years of rehabilitation	Condition 36 requires that a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, the Rehabilitation Strategy is not yet required, hence demonstration of achievement of success criteria is not yet required – not applicable.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	commencing, or as otherwise agreed in the approved Rehabilitation Strategy, the Minister must be notified in writing within 20 business days of the area (hectares) over which the rehabilitation objectives and success criteria were not met.				
OFFSET STRATEGY					
Condition 39 EPBC 2010/5642 <i>Within six (6) months of notifying the Minister at Condition 38, the approval holder must submit to the Minister for approval an Offset Strategy outlining the offset to be provided for the matters of national environmental significance identified at condition 33. The related offset must be in accordance with the Environmental Protection and Biodiversity Conservation Act 1999 Environmental Offset Policy (October 2012), or its most current version.</i>					
39.1	Within six (6) months of notifying the Minister at condition 38, an Offset Strategy outlining the offset must be provided to the Minister for approval for the matters of national environmental significance identified at condition 33 submitted.	Condition 36 requires that a Rehabilitation Strategy must be submitted by 2/12/2022, or as otherwise agreed by the Minister. Therefore, the Rehabilitation Strategy is not yet required, hence demonstration of achievement of success criteria is not yet required as specified in Condition 38 is not yet applicable.	N/A	N/A	Not applicable
39.2	The offset must be in accordance with the Environmental Protection and Biodiversity Conservation Act	An offset strategy is not required at this time.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	1999 Environmental Offset Policy (October 2012), or its most current version.				
Condition 40 EPBC 2010/5642 (Variation dated 3 December 2021) <i>The approved Offset Strategy must be implemented.</i>					
40.1	Following approval, the Offset Strategy must be implemented.	An Offset Strategy is not yet required.	N/A	N/A	Not applicable
CONSULTATION					
Condition 41 EPBC 2010/5642 <i>The approval holder must consult with Indigenous people in accordance with the process under the Indigenous Land Use Agreement (known as the Western Cape Communities Coexistence Agreement) during preparation of management plans and strategies specified in this approval.</i>					
41.1	Traditional Owners must be consulted through the WCCCA during preparation of Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>Review of the EPBC 2016 audit report showed the WCCA were consulted in the preparation of the following plans:</p> <ul style="list-style-type: none"> Temporary Barge Plan Marine and Shipping Management Plan Capital Dredging Plan – River Capital Dredging Plan – Port Inshore Dolphin Strategy Terrestrial Management Plan Feral Pig Offset Strategy <p>Review of the EPBC 2019 Audit Report showed that the Traditional Owners were consulted in the development of the Maintenance Dredge Management Plan.</p>	<p>Review EPBC 2016 audit report</p> <p>Review EPBC 2019 audit report</p> <p>Minutes WCCC Sub-Committee meetings and attachments</p> <p>SIMP Reports 2021, 2020, 2019</p>	<p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p> <p>Evaluate each of the listed plans to ensure there is detail relating to Traditional Owner consultation</p> <p>Records of consultation</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Rehabilitation Strategy not yet developed.</p> <p>Amrun Project Social Impact Management Plan 2021 Report.</p> <p>It was confirmed that all Plans and Strategies have been lodged with the Western Cape Communities Coexistence Agreement (WCCCA) Coordinating Committee.</p> <p>Amrun Port and River Facilities Long-Term Maintenance Dredge Management Plan (LMDMP) 2021 – 2031. Meeting minutes 5/8/2020.</p>			
EMPLOYMENT OPPORTUNITIES					
Condition 42 EPBC 2010/5642 <i>The approval holder must identify employment opportunities (e.g. under an Indigenous Land and Sea Program or seed collection associated with rehabilitation activities) for Indigenous persons to facilitate the implementation of the conditions specified in this approval.</i>					
42.1	Traditional Owner employment opportunities must be identified within Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>EPBC 2016 audit report noted compliance within the following plans: Terrestrial MP; Construction Marine and Shipping Plan; Feral Pig Management Offset Strategy; Temporary Barge Plan; Inshore Dolphin Offset Strategy; Capital Dredge Management Plan – River Facilities; Capital Dredge Management Plan – Port.</p> <p>EPBC 2019 audit report noted compliance with the Maintenance Dredge Management Plan</p> <p>Rehabilitation Strategy has not yet been prepared.</p>	<p>Reviewed EPBC 2016 audit report</p> <p>Reviewed EPBC 2019 audit report</p> <p>Email Specialist Communication & Communities,</p>	<p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p> <p>Evaluate Maintenance Dredge MP</p> <p>Review programs that reflect the</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Amrun Project Social Impact Management Plan 2021 Report outlined works conducted and detailed training and employment opportunities. This has included employment of eight full time Wik-Waya Traditional Owners as Land and Sea Advisors, turtle surveying and seedling planting, as well as supporting and implementing programs to increase employment and training.</p> <p>Evidence of conduct of weed management surveys and weed management activities, fire management activities, turtle surveys, dolphin surveys and feral pig management.</p>	<p>Weipa Operations</p> <p>Social Impact Management Plan Reports 2019, 2020, 2021</p>	commitments made in the plans.	
FERAL PIG MANAGEMENT OFFSET STRATEGY					
Condition 43 EPBC 2010/5642 <i>The approval holder must implement an adaptive Feral Pig Management Offset Strategy to reduce the annual level of feral predation on listed turtle species nests for the period of this approval.</i>					
43.1	Feral Pig Management Offset Strategy must be implemented in accordance with timeframes identified in the approved Strategy.	<p>Feral Pig Management Offset Strategy</p> <p>Aerial shooting from helicopters has been undertaken as the primary means of feral pig control, using a culling contractor (2 campaigns in 2019) supplemented by an ongoing ground shooting campaign with 824 pigs aerial and 31 pigs ground. Baiting is not effective in comparison however is used if there are tracks on the beaches.</p> <p>Turtle nest monitoring and feral pig monitoring were conducted.</p>	<p>Feral Pig MOS</p> <p>Feral Animal Monitoring Annual Reporting</p> <p>Interview with Specialist Environment – Weipa</p>	Evaluate evidence relating to implementation of the Feral Pig MOS	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Amrun Project Feral Animal Monitoring Annual Report 2020.</p> <p>Terrestrial Biodiversity Offset Report 2021 noted one aerial campaign in August 2021 for 3 days and 27 nights of scheduled ground-based shooting spreading between May and November. Measurable reduction in pig related predation of turtles – below 30% was reported.</p> <p>Records sighted for shooting campaigns conducted in 2021 showing 653 pigs aerial and 35 pigs on ground.</p> <p>Land and Sea Management Team conduct turtle surveys and enter data in real time. 6,900 turtles hatched. Increase in numbers demonstrate that the Feral Pig Management Offset Strategy is working. Records sighted.</p>	Turtle data survey records		
Condition 44 EPBC 2010/5642 <i>The Feral Pig Management Offset Strategy must be implemented at a minimum, in the project area as described in Figure 7-23 of the Final Environmental Impact Statement</i>					
44.1	Feral Pig Management Offset Strategy must be implemented in accordance with the areas identified in the approved Strategy.	<p>Appendix B shows feral pig control areas, as described in the EIS Figure 7-23.</p> <p>Mapping shows areas where feral animal control has been undertaken.</p> <p>Viewed GIS mapping.</p>	<p>Reviewed Feral Pig MOS</p> <p>GIS Mapping</p>	Evaluate Feral Pig MOS relating to surveying of turtles	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
Condition 45 EPBC 2010/5642 <i>The Feral Pig Management Offset Strategy must include surveying to develop significantly robust baseline data for listed turtle species nesting in the project area and desired outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and, specify the person/s roles with responsibility for implementing actions. The Feral Pig Management Offset Strategy must provide information detailing Traditional Owner employment opportunities, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Strategy (consistent with condition 42).</i>					
45.1	Feral Pig Management Offset Strategy must include surveying to develop significantly robust baseline data for listed turtle species nesting in the project area	Section 6.1 Feral Pig MOS describes turtle nest monitoring to develop the data to base improvements to the survey approach over time.	Reviewed Feral Pig MOS Reviewed EPBC 2016 audit report Reviewed EPBC 2019 EPBC audit report	EPBC 2016 audit report EPBC 2019 EPBC audit report Evaluate Feral Pig MOS relating to surveying of turtles	Compliance
45.2	Feral Pig Management Offset Strategy must include desired outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and, specify the person/s roles with responsibility for implementing actions.	Appendix D of the Feral Pig MOS is the implementation plan. Aerial and ground shooting, feeding stations and monitoring are used in combination. The objective is to complete these actions in time to allow the initial feral pig control campaign to commence before the peak turtle nesting season and to achieve 70% reduction in the rate of feral pig predation of nests, to be achieved within three years. Adaptive management strategies are to be sustained on an annual basis.	Reviewed Feral Pig MOS	Evaluate Feral Pig MOS relating to setting of outcomes	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
45.3	Feral Pig Management Offset Strategy must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).	Section 9 Feral Pig MOS notes the Traditional Owner employment opportunities extend to the Feral Pig Control Program, particularly with turtle nest monitoring. It is noted that the extent of opportunities in feral pig control shall depend on the final control techniques adopted.	Reviewed Feral Pig MOS	Evaluate Feral Pig MOS relating to Traditional Owner employment opportunities	Compliance
Condition 46 EPBC 2010/5642 <i>The Feral Pig Management Offset Strategy must adhere to the department's Threat Abatement Plan for Predation, Habitat Degradation, Competition and Disease Transmission By Feral Pigs, or its most current version. The Feral Pig Management Offset Strategy must also adhere to the Humane Pest Animal Control: Code of Practice And Standard Operating Procedures (that is currently being updated), or its most current version.</i>					
46.1	The Feral Pig Management Offset Strategy must adhere to the department's Threat Abatement Plan for Predation, Habitat Degradation, Competition and Disease Transmission By Feral Pigs, or its most current version.	Appendix C of the Feral Pig MOS provides a comparison to the <i>Threat Abatement Plan for Predation, Habitat Degradation, Competition And Disease Transmission By Feral Pigs</i> (Department of the Environment and Heritage 2005).	Reviewed Feral Pig MOS	Evaluate Feral Pig MOS relating to Threat Abatement Plan	Compliance
46.2	The Feral Pig Management Offset Strategy must adhere to the Humane Pest Animal Control: Code of Practice and Standard Operating Procedures	It is noted in Section 5 Feral Pig MOS that the feral pig control measures adopted shall adhere to the <i>Humane Pest Animal Control: Code of Practice and Standard Operating Procedures</i> (NSW Department of Primary Industries, 2005).	Reviewed Feral Pig MOS	Evaluate Feral Pig MOS relating to Humane Control of Feral Pigs	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	(that is currently being updated), or its most current version.				
Condition 47 EPBC 2010/5642 <i>The findings from the Feral Pig Management Offset Strategy must be used to inform the Marine and Shipping Management Plan at Condition 5 on an ongoing basis.</i>					
47.1	The findings from the Feral Pig Management Offset Strategy must be used to inform the Marine and Shipping Management Plan at condition 5 on an ongoing basis.	<p>Section 8 Feral Pig MOS notes that the findings from the Feral Pig Management Offset Strategy must be used to inform the Marine and Shipping Management Plan under Condition 5 EPBC Act Approval on an ongoing basis.</p> <p>Operations Marine Shipping Management Plan April 2021. Reference is made to the Feral Pig MOS, including development of offset programs for marine turtles. OMSMP notes that the Feral Pig MOS will provide specific direction of the marine operations and addressed in the plan.</p> <p>The OMSMP also includes the latest turtle survey results required by the FPMOS showing that the turtle survey results are used to inform the OMSMP management measures.</p> <p>The Operations MSMP notes that surveys have identified feral pigs as a key threatening process for the survival of turtles along the Amrun Project coastline. As part of the approval conditions to offset potential shipping activities a feral pig offset program was required.</p> <p>Since 2016 the feral animal control program has continued to improve with predation on actively</p>	<p>Reviewed OMSMP</p> <p>Reviewed Feral Pig MOS</p>	<p>Review OMSMP</p> <p>Review Feral Pig MOS</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		controlled beaches restricted to below 10% for 2020 and 91 hatched nests recorded (unpublished data) up from one successful nest in 2016.			
Condition 48 EPBC 2010/5642 (Variation dated 3 June 2014) <i>The Feral Pig Management Offset Strategy must be submitted to the Minister for approval at least 6 months prior to the commencement of the action. The commencement of the action must not occur until the Feral Pig Management Offset Strategy has been approved by the Minister.</i>					
48.1	Feral Pig Management Offset Strategy must be submitted to the Minister for approval at least 6 months prior to commencement of the action.	EPBC 2016 Audit Report noted that the Feral Pig Management Offset Strategy dated 24/4/15 has been reviewed by officers of the Department and found to meet the relevant conditions. This occurred at least six months prior to commencement of the action 12/5/2016.	Review EPBC 2016 Audit Report	EPBC 2016 Audit Report	Compliance No further auditing required
48.2	Feral Pig Management Offset Strategy must be approved prior to commencement of the action.	EPBC 2016 Audit Report noted that the Feral Pig Management Offset Strategy dated 24/4/15 has been reviewed by officers of the Department and found to meet the relevant conditions. This occurred at least six months prior to commencement of the action 12/5/2016.	Review EPBC 2016 Audit Report	EPBC 2016 Audit Report	Compliance No further auditing required
DOLPHIN OFFSET STRATEGY					
Condition 49 EPBC 2010/5642 <i>The approval holder must implement an Inshore Dolphin Offset Strategy to inform knowledge about the distribution and abundance of local and regional populations of listed dolphin species in the Western Cape York area, and identification of habitat utilised by listed dolphin species.</i> RTA Weipa Inshore Dolphin Offset Strategy South of Embley Project					
49.1	Inshore Dolphin Offset Strategy must be implemented to inform knowledge about the distribution and abundance of	SoE Project Inshore Dolphin Offset Strategy July 2015 specifies that the two principal objectives of the strategy are to provide a better understanding of the distribution, habitat use and abundance of Australian	Inshore Dolphin Offset Strategy	Evidence of surveys conducted in	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	local and regional populations of listed dolphin species.	<p>snubfin and Australian humpback dolphins within the study area; and to contribute information toward the National Inshore Dolphin Strategy. Design summary and sampling procedures are described.</p> <p>EPBC 2016 audit report reviewed the Baseline Survey and found the requirements specified in the Strategy were implemented.</p> <p>EPBC 2019 audit report noted that three surveys have been conducted: Amrun Project 2016 Inshore Dolphin Survey Summary – Blue Planet Marine (7-19/7/2016). Amrun Project 2017 Inshore Dolphin Survey Summary – Blue Planet Marine (14-27/10/2017). Amrun Project 2018 Inshore Dolphin Survey Summary – Blue Planet Marine (13-26/10/2018).</p> <p>Current 2022 audit: Amrun Project 2019 Inshore Dolphin Survey Report 9/8/2021 – Blue Planet Marine (11-25 October 2019). Report used all data from previous surveys, as well as the 2019 results.</p> <p>These surveys were conducted in line with the commitments specified in the Inshore Dolphin Offset Strategy.</p> <p>In terms of implementation, all relevant items confirming compliance with the Inshore Offset Dolphin Strategy were demonstrated.</p>	<p>Amrun Project Inshore Dolphin Survey Summary Report 2021</p> <p>Interview with Specialist Environment – Weipa</p>	accordance with strategy	

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		No items were identified that indicated that relevant actions required by the Inshore Offset Dolphin Strategy had not been undertaken.			
Condition 50 EPBC 2010/5642 <i>The Inshore Dolphin Offset Strategy must be implemented at a minimum, in the marine environment between latitude 12.60°S and latitude 13.35°S and must include provision for the Inshore Dolphin Offset Strategy actions to be undertaken prior to construction, during construction and periodically after construction (for a minimum period of 13 years following the commencement of construction, but not necessarily every year) of the Boyd Port and river facilities.</i>					
50.1	Inshore Dolphin Offset Strategy must be implemented in accordance with the approved Strategy.	<p>EPBC 2016 audit report reviewed the Baseline Survey and found the requirements specified in the Strategy were implemented.</p> <p>EPBC 2019 audit report noted three surveys have been conducted, as specified in the strategy: Amrun Project 2016 Inshore Dolphin Survey Summary – Blue Planet Marine (7-19/7/2016). Amrun Project 2017 Inshore Dolphin Survey Summary – Blue Planet Marine (14-27/10/2017). Amrun Project 2018 Inshore Dolphin Survey Summary – Blue Planet Marine (13-26/10/2018).</p> <p>Current 2022 audit: Amrun Project 2019 Inshore Dolphin Survey Report 9/8/2021 – Blue Planet Marine (11-25 October 2019). The next survey is required within 10 years.</p> <p>In terms of implementation, all relevant items confirming compliance with the Inshore Offset Dolphin Strategy were demonstrated.</p>	<p>Inshore Dolphin Offset Strategy</p> <p>Amrun Project Inshore Dolphin Survey Summary Report 2019</p> <p>Interview with Specialist Environment – Weipa</p>	Evidence of survey conducted in the location approved in the strategy	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		No items were identified during the document review or the site audit that indicated that relevant actions required by the Inshore Offset Dolphin Strategy had not been undertaken.			
50.2	Inshore Dolphin Offset Strategy actions are to be undertaken prior to construction, during construction and periodically after construction.	<p>EPBC 2016 audit report noted the survey prior to construction had been undertaken.</p> <p>EPBC 2019 audit report verified 3 surveys had been undertaken during construction: 7-19/7/2016, 14-27/10/2017, 13-26/10/2018. Construction commenced 12/5/2016. Operations commenced 2/12/2018.</p> <p>Current 2022 audit confirmed survey conducted 11-25/10/2019.</p> <p>A further survey is scheduled for some time within 10 years.</p>	<p>Inshore Dolphin Offset Strategy</p> <p>Amrun Project Inshore Dolphin Survey Summary Report 2019</p> <p>Interview with Specialist Environment – Weipa</p>	Evidence survey undertaken periodically after construction	Compliance
<p>Condition 51 EPBC 2010/5642</p> <p><i>The Inshore Dolphin Offset Strategy must contribute to independent research on listed dolphin species, and specify targeted outcomes, benchmarks, readily measureable performance indicators and goals, timeframes for reporting and implementation, and the person/s roles with responsibility for implementing actions. The Inshore Dolphin Offset Strategy must provide information detailing Traditional Owner employment opportunities, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Strategy (consistent with condition 42).</i></p>					
51.1	Inshore Dolphin Offset Strategy must contribute to independent research on listed dolphin species.	EPBC 2016 audit report reviewed the Inshore Dolphin Offset Strategy and surveys conducted and found that the Inshore Dolphin Offset Strategy provided research data relating to dolphin population dynamics in relation to distribution, number and behaviour.	<p>Reviewed EPBC 2016 audit report</p> <p>Amrun Project Inshore Dolphin</p>	<p>EPBC 2016 audit report</p> <p>Evidence of intent of Dolphin Strategy</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>No change to the Dolphin Strategy has been made or required since this time.</p> <p>Current 2022 audit: Amrun Project 2019 Inshore Dolphin Survey Report (Blue Planet Marine 9/8/2021) states “Having successfully completed surveys and met the Strategy objectives in 2014, 2016, 2017, 2018 and 2019, the combined datasets and analyses from this study provide an important contribution to knowledge about humpback, bottlenose and snubfin dolphins in the region, in particular that the sampling area is part of larger systems for all three species. These data allow for more informed management and planning decisions to be made as the Project continues in its operational phase, as well as to provide information to help assess the conservation status of inshore dolphin species in northern Australian waters.”</p>	Survey Summary Report 2019	Evidence that Inshore Dolphin Offset Strategy contributes to research on listed dolphin species	
51.2	Inshore Dolphin Offset Strategy must specify outcomes, benchmarks, readily measurable performance indicators and goals, timeframes for reporting and implementation, corrective actions and contingency measures, and, specify the person/s roles with	<p>Section 4 details the targeted outcomes, benchmarks and goals for the implementation of the strategy. Section 5 lists performance indicators. Reporting and implementation are detailed in section 6.</p> <p>Section 8 nominates accountabilities and responsibilities for implementing the Strategy, with the nominated environmental professional for the Project responsible for enabling the surveys to be conducted.</p>	Reviewed Inshore Dolphin Offset Strategy	Evidence that Inshore Dolphin Offset Strategy addresses listed requirements	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	responsibility for implementing actions.				
51.3	Inshore Dolphin Offset Strategy must provide information detailing Traditional Owner opportunities for employment, and mechanisms for reporting the number of local indigenous person/s actually employed in the implementation of this Plan (consistent with condition 42).	Section 3.3 notes that the Traditional Owners will be given the opportunity to participate in all surveys as observers and to assist researchers during the survey.	Reviewed Inshore Dolphin Offset Strategy	Evaluate Inshore Dolphin Offset Strategy relating to Traditional Owner employment opportunities	Compliance
Condition 52 EPBC 2010/5642 <i>The Inshore Dolphin Offset Strategy must be developed in consultation with the department.</i>					
52.1	Inshore Dolphin Offset Strategy must be developed in consultation with the department.	EPBC 2016 audit report noted that the Strategy has been developed in consultation with DoE and approved by the Department.	Reviewed EPBC 2016 audit report	EPBC 2016 audit report Evaluate Inshore Dolphin Offset Strategy relating to consultation	Compliance
Condition 53 EPBC 2010/5642 <i>The approval holder must fund the Inshore Dolphin Offset Strategy to a minimum of \$800,000 (GST exclusive) and a maximum of \$1,200,000 (GST exclusive).</i>					
53.1	Cost of implementing Inshore Dolphin Offset Strategy must be estimated to be between \$800,000 (GST exclusive) and a	EPBC 2016 audit report noted that there was a commitment to fund the Strategy at a minimum of \$800,000 to a maximum of \$1,200,000 (GST exclusive). EPBC 2019 audit report noted:	Reviewed EPBC 2016 audit report	Evidence of funding	Non-Compliance Administrative

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	maximum of \$1,200,000 (GST exclusive).	<p>2014-2016 spend was \$258,000 and 2017-2018 spend on the Dolphin Offset Strategy was \$674,000. <u>Current 2022 audit</u> 2019 spend was \$285,000 – invoice sighted.</p> <p>It is noted that a total of \$1,217,000 has been spent on the dolphin surveys relating to the implementation of the Dolphin Offset Strategy. This amount exceeds the upper limit specifies in Condition 53 and therefore the evidence indicates a technical administrative non-compliance.</p> <p>It is noted that the original fee proposal prepared 26/9/2014 was \$1,192,350. It is noted that the Rio Tinto 2020 Annual EPBC Compliance Report stated “The current cost estimate to complete the final survey will exceed the maximum threshold value of \$1,200,000. While this has exceeded the offset value, it is not considered a non-compliance as it is a positive environmental outcome enhancing the research value of the offset strategy.”</p> <p>It is noted that the Department (DAWE) acknowledged via email (3/9/2021) that the reporting requirements under Condition 68 have been met.</p> <p>Amrun Project 2019 Inshore Dolphin Survey Report (Blue Planet Marine 9/8/2021) states “Having successfully completed surveys and met the Strategy objectives in 2014, 2016, 2017, 2018 and 2019, the</p>	<p>Reviewed EPBC 2019 audit report</p> <p>Original GHD proposal</p> <p>2021 EPBC Annual Compliance Report</p> <p>Email dated 3 September 2021 DAWE</p> <p>Inshore Dolphin Offset Strategy South of Embley Project</p> <p>Amrun Project 2019 Inshore Dolphin Survey Report</p>		

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>combined datasets and analyses from this study provide an important contribution to knowledge about humpback, bottlenose and snubfin dolphins in the region, in particular that the sampling area is part of larger systems for all three species. These data allow for more informed management and planning decisions to be made as the Project continues in its operational phase, as well as to provide information to help assess the conservation status of inshore dolphin species in northern Australian waters. Importantly, Wik Waya Traditional Owners (TOs) have been involved in all five surveys, gaining skills and experience in monitoring of dolphin populations and increasing capacity for any future dolphin survey and monitoring opportunities.”</p> <p>It is therefore shown that the requirements of the Dolphin Strategy have been met.</p> <p>It is noted that the South of Embley Project Inshore Dolphin Offset Strategy requires at least one post-construction survey, which has been conducted.</p> <p>It is recommended that Condition 53 be amended.</p>			
<p>Condition 54 EPBC 2010/5642 <i>The findings from the Inshore Dolphin Offset Strategy, including corrective actions and contingency measures relating to operations, must be used to inform the Marine and Shipping Management Plan at condition 5 on an ongoing basis.</i></p>					
54.1	Findings from the Inshore Dolphin Offset Strategy must	Results of the five dolphin survey results required by the Inshore Dolphin Offset Strategy informed the	Reviewed OMSMP	Review OMSMP	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	be used to inform Marine and Shipping Management Plan from condition 8, stage ii.	updated Operations Marine Shipping Management Plan April 2021, as required by condition 8, stage ii.	Reviewed Inshore Dolphin Offset Strategy	Review Inshore Dolphin Offset Strategy	
Condition 55 EPBC 2010/5642 (Variation dated 3 June 2014) <i>The Inshore Dolphin Offset Strategy must be submitted to the Minister for approval at least 6 months prior to the commencement of the action. The commencement of the action must not occur until the Inshore Dolphin Offset Strategy has been approved by the minister.</i>					
55.1	Inshore Dolphin Offset Strategy must be submitted to the Minister for approval at least 6 months prior to commencement of the action.	EPBC 2016 audit report noted that the Dolphin Offset Strategy was submitted on 14/5/2013. Commencement of the action was 12/5/2016.	Reviewed EPBC 2016 audit report	EPBC 2016 audit report Correspondence demonstrating submission of Inshore Dolphin Offset Strategy	Compliance No further auditing required
55.2	Inshore Dolphin Offset Strategy must be approved prior to commencement of the action.	EPBC 2016 audit report noted a letter dated 28/7/15 referring to updated Inshore Dolphin was found to meet the requirements of the relevant conditions and on this basis, as a delegate of the Minister, the Strategy was approved.	Reviewed EPBC 2016 audit report	EPBC 2016 audit report Correspondence demonstrating approval of Inshore Dolphin Offset Strategy	Compliance No further auditing required
SURVEY DATA					
Condition 56 EPBC 2010/5642 <i>All survey data and methodology collected for the project must be recorded in accordance with approved management plans. When requested by the department, the approval holder must provide to the department survey data and information related to matters of national environmental significance. This information must be provided within 30 business days of request, or in a timeframe agreed to by the department in writing. The department may use the survey data for other purposes. The approval holder must also provide the survey data and methodology, within 30 business days, to anyone who</i>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
<i>requests the survey data and methodology in writing. Notification of the availability of the survey data and methodology must be provided on the approval holder's website for the duration of this approval.</i>					
56.1	Survey data and methodology collected for the project must be recorded in accordance with approved management plans.	<p>Since the EPBC 2019 audit, the following examples of surveys have been conducted and reported in accordance with the approved management plans:</p> <p>Amrun Project 2019 Inshore Dolphin Survey Report 9/8/2021 – Blue Planet Marine (11-25 October 2019).</p> <p>Amrun Feral animal monitoring 2019, 2020.</p> <p>Amrun Weed Survey 2019</p> <p>Amrun turtle nest surveys 2019.</p> <p>Marine Pest Monitoring Program 2020.</p> <p>Port of Amrun – Maintenance Dredging Water Quality Reporting 2020.</p> <p>Reviewing the management plans, there was no instances where required surveys were not conducted.</p>	<p>Inshore Dolphin Survey</p> <p>Weed surveys</p> <p>Feral animal monitoring</p>	Review sample of survey data and methodology when reviewing implementation of the approved management plans	Compliance
56.2	Records must be made available within 30 business days of request by the Department. Such documents may be subject to audit by the Department and used to verify compliance with the conditions of approval.	No requests for records have been made by the Department.	Interview with Specialist Environment – Weipa	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
56.3	Records must be made available within 30 business days on request by anyone who requests the survey data in writing.	No requests for records have been made by the Department.	Interview with Specialist Environment – Weipa	N/A	Not applicable
56.4	Notification of the availability of the survey data and methodology must be provided on the approval holder's website for the duration of this approval.	<p>The Amrun Project website https://www.riotinto.com/operations/australia/weipa specifies an email address “for requests or enquiries about survey data and methodology collected by the Amrun Project”.</p> <p>All reports are available on the website, including survey data and methodology.</p>	Review website and note availability of reports	Review website	Compliance
WEBSITE					
Condition 57 EPBC 2010/5642 <i>Every 12 months after the commencement of the action, unless otherwise agreed to in writing by the Minister, the approval holder must publish on their website, for the duration of the project (including decommissioning), all the survey methodology, reports and related analysis of survey data for current program/s, plants, strategies or other conditions specified in this approval for each individual matter of national environmental significance. The department must be notified within ten (10) business days of publication.</i>					
57.1	Every 12 months after the commencement of the action all survey methodology, reports and related analysis of survey data for current program/s, plants, strategies or other conditions specified in	<p>Commencement of the action occurred 12/5/2016. It is noted that currently survey reports and annual reports are published on the website.</p> <p>Since the 2019 EPBC audit the following have been published.</p>	<p>Project website review</p> <p>Email 9/8/2019 re uploading document to website</p>	Review project website	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	this approval for each individual matter of national environmental significance must be published on Project website.	<p>Pre-disturbance Program Annual Report 2019 – 2020. Weed Survey Report 2019. Feral Animal Monitoring Report Annual Report 2019. Inshore Dolphin Survey 2019 Summary Report. Water Quality Report 2020. Marine Pest Settlement Plate Monitoring Annual Report 2020; and Marine Turtle Nesting Survey Report 2019.</p> <p>Environmental Monitoring Report 2021.</p> <p>Email 9/8/2019 confirming uploading annual reports and surveys to the RTA website.</p> <p>There was no evidence to indicate that survey results or reports related to current programs and plans was not published on the Project website.</p>			
57.2	The department must be notified within ten (10) business days of publication.	<p>Email to DoE advising Amrun Project annual reporting and publication requirements with attached letters specifying annual reporting and publishing requirements. e.g. letters to DoE dated 9/8/2019, 12/8/2020 and DAWE, 12/8/2021, specifying compliance with annual publication and reporting requirements to address conditions 57, 68 and 71.</p>	<p>Letter to DoE 9/8/2019</p> <p>Letter to DoE 12/8/2020</p> <p>Letter to DAWE 12/8/2021</p>	Verification of departmental notification	Compliance
<p>Condition 58 EPBC 2010/5642 <i>Within five (5) business days from this approval, the approval holder must publish the Final Environmental Impact Statement on their website for the duration of the project, including decommissioning.</i></p>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
58.1	Within five (5) business days from this approval the Final Environmental Impact Statement must be published on Project website.	EPBC 2016 audit report noted Final EIS (Commonwealth) available on Project website within five days of EPBC approval.	EPBC 2016 Audit Report	EPBC 2016 Audit Report Review website	Compliance No further auditing required
Condition 59 EPBC 2010/5642 <i>Unless otherwise agreed to in writing by the Minister the approval holder must publish, for the life of the project including decommissioning, all current approved programs/s, plan/s, review/s (including the Independent Peer Reviews) or strategies referred to in these conditions of approval on their website. Each of the approved program/s, plan/s or strategies (including revised versions) must be published on the approval holder's website within one (1) month of approval.</i>					
59.1	Within one (1) month of approval by the Minister unless otherwise agreed to in writing by the Minister, the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy (including independent peer reviews) must be published on Project website.	<p>EPBC 2016 and EPBC 2019 audit reports noted that the relevant management plans and associated independent peer reviews were available on the project website.</p> <p>Current audit confirmed these documents are published on current Project website.</p> <p>http://www.riotinto.com/australia/key-project-documents-16128.aspx</p> <p>Temporary Barge Plan July 2015 (confirmed 10/5/2022)</p> <p>Temporary Barge Plan July 2015 – Response to Reviewer (14/12/14) (confirmed 10/5/2022)</p> <p>Capital Dredge Management Plan – Port (Initial Capital Dredging) November 2015 (confirmed 10/5/2022)</p> <p>Capital Dredge Management Plan – Port – Response to Reviewer (13/8/15) (confirmed 10/5/2022)</p>	<p>Review EPBC 2016 Audit Report</p> <p>Review EPBC 2019 Audit Report</p> <p>Website Letter to DoE 9/8/2019</p> <p>Letter to DoE 12/8/2020</p> <p>Letter to DAWE 12/8/2021</p>	<p>EPBC 2016 Audit Report</p> <p>EPBC 2019 Audit Report</p> <p>Review website</p> <p>Review correspondence to demonstrate date documents were uploaded to website</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Capital Dredge Management Plan – River Facilities 16 September 2015 (confirmed 10/5/2022)</p> <p>Capital Dredge Management Plan – River Facilities - Response to Reviewer (11/11/14) (confirmed 10/5/2022)</p> <p>Maintenance Dredge Management Plan – Port (approved 15/3/18).</p> <p>Construction Marine and Shipping Management Plan 26 July 2017 (confirmed 10/5/2022)</p> <p>Construction Marine and Shipping Management Plan – Response to Reviewer (14/7/15) (confirmed 10/5/2022)</p> <p>Terrestrial Management Plan 14 October 2015</p> <p>Terrestrial Management Plan – Response to Reviewer (2/1/15) (confirmed 10/5/2022)</p> <p>Inshore Dolphin Strategy July 2015) (confirmed 10/5/2022)</p> <p>Inshore Dolphin Strategy – Response to Reviewer (24/11/15) (confirmed 10/5/2022)</p> <p>Feral Pig Management Offset Strategy August 2015) (confirmed 10/5/2022)</p> <p>Feral Pig Management Offset Strategy – Response to Reviewer) (confirmed 10/5/2022)</p> <p>Operations Marine Shipping Management Plan April 2021 (confirmed 10/5/2022)</p> <p>Operations Marine Shipping Management Plan April 2021 – Response to Reviewer (6/8/2018) (confirmed 10/5/2022)</p>			

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		Amrun port and river facilities long-term maintenance dredge management plan 2021 – 2031 January 2021 (confirmed 10/5/2022) Rehabilitation Strategy – not yet approved by the Minister – not written and/or required.			
PEER REVIEW					
Condition 60 EPBC 2010/5642 <i>Unless otherwise agreed in writing by the Minister, each program/s, plan/s, or strategies specified in the conditions must be independently peer reviewed prior to submission to the Minister for approval. The approval holder must nominate an Independent Peer Reviewer to the Minister. The person/organisation/technical committee conducting the independent peer review must be approved by the Minister, prior to the commencement of the review. The independent peer review criteria must be agreed to by the Minister and any reviews undertaken must address the criteria to the satisfaction of the Minister.</i>					
60.1	Independent Peer Reviews must be completed for the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	EPBC 2016 audit report reviewed the following: Temporary Barge Plan July 2015 Temporary Barge Plan July 2015 – Response to Reviewer (14/12/14) Capital Dredge Management Plan – Port (Initial Capital Dredging) November 2015 Capital Dredge Management Plan – Port – Response to Reviewer (13/8/15) Capital Dredge Management Plan – River Facilities 16 September 2015 Capital Dredge Management Plan – River Facilities - Response to Reviewer (11/11/14) Construction Marine and Shipping Management Plan 19 November 2015 Construction Marine and Shipping Management Plan – Response to Reviewer (14/7/15) Terrestrial Management Plan 14 October 2015	Review EPBC 2016 audit report Review EPBC 2019 audit report Review listed documents as shown in the auditor evidence	Review EPBC 2016 audit report Review EPBC 2019 audit report Review evidence of Independent Peer Reviews being conducted prior to submission	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Terrestrial Management Plan – Response to Reviewer Inshore Dolphin Strategy July 2015 Inshore Dolphin Strategy – Response to Reviewer (24/11/15) Feral Pig Management Offset Strategy August 2015 Feral Pig Management Offset Strategy – Response to Reviewer Feral Pig Management Offset Strategy July 2016 Feral Pig Management Offset Strategy – Response to Reviewer Maintenance Dredge Management Plan – Port March 2018 Maintenance Dredge Management Plan – Port Response to Reviewer</p> <p>Rehabilitation Strategy – not yet approved by the Minister – not written and/or required.</p>			
60.2	Independent Peer Reviewers must be approved by the Minister prior to the commencement of the review for the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral	<p>EPBC 2016 audit report noted approval of nominated independent peer reviewers and review criteria for:</p> <p>Mr Stephen Raaymakers – Temporary Barge Plan and Construction Marine and Shipping Management Plan Dr Jim Stoddart – Capital Dredge Management Plan – River Facilities Dr Lyndon Brooks – Inshore Dolphin Offset Strategy Dr David Dique – Terrestrial Management Plan Dr Andrew Bengsen – Feral Pig Management Offset Strategy</p>	<p>Review EPBC 2016 audit report</p> <p>Letter dated 3/4/2018</p>	<p>EPBC 2016 audit report</p> <p>Review correspondence of approval</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>It was noted that the Officers of the Post Approvals Section had reviewed the information provided and was satisfied that the peer review criteria, qualifications, experience and the level independence of the nominated peer reviewers meet the requirements of the relevant approval conditions. It was noted that, as a delegate of the Minister, the three nominated peer reviewers and the review criteria for the above plans and strategy were approved.</p> <p>EPBC 2019 audit report noted approval Letter dated 3/4/2018 approving Dr James Stoddart as the independent peer review and approval of proposed review criteria for the Operations Shipping Management Plan.</p> <p>No further independent peer reviews have been required in the current audit period.</p>			
60.3	Independent peer review criteria must be agreed to by the Minister for the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral	<p>EPBC 2016 audit report noted approval of nominated independent peer reviewers and review criteria for:</p> <p>Mr Stephen Raaymakers – Temporary Barge Plan and Construction Marine and Shipping Management Plan</p> <p>Dr Jim Stoddart – Capital Dredge Management Plan – River Facilities</p> <p>Dr Lyndon Brooks – Inshore Dolphin Offset Strategy</p> <p>Dr David Dique – Terrestrial Management Plan</p>	<p>Review EPBC 2016 audit report</p> <p>Letter dated 3/4/2018</p> <p>Letter dated 31/8/2017</p>	<p>EPBC 2016 audit report</p> <p>Review correspondence of approval</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Pig Management Offset Strategy and Inshore Dolphin Offset Strategy	<p>Dr Andrew Bengsen – Feral Pig Management Offset Strategy</p> <p>It was noted that the Officers of the Post Approvals Section had reviewed the information provided and was satisfied that the peer review criteria, qualifications, experience and the level independence of the nominated peer reviewers meet the requirements of the relevant approval conditions. It was noted that, as a delegate of the Minister, the three nominated peer reviewers and the review criteria for the above plans and strategy were approved.</p> <p>EPBC 2019 audit report Letter dated 3/4/2018 approving Dr James Stoddart as the independent peer review and approval of proposed review criteria for the Operations Shipping Management Plan. Letter dated 31/8/2017 approving Dr James Stoddart as the independent peer review and approval of proposed review criteria for the Dredge Management Plan – Port (Maintenance Dredging).</p> <p>No further independent peer reviews have been required in the current audit period.</p>			
60.4	Independent Peer Reviews must address the criteria to the satisfaction of the Minister for the Temporary Barge Plan,	The EPBC 2016 audit report noted that for each document submitted, criteria for independent peer review were submitted and approved by DoE. Subsequently documents with independent peer	Review of EPBC 2016 audit report	EPBC 2016 audit report EPBC 2019 audit report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy	review reports which were assessed by DoE and ultimately approved in line with evidence shown in Condition 60. This demonstrates Independent Peer Reviews have addressed the criteria to the satisfaction of the Minister. The 2019 audit showed that this also occurred for the Operations Marine Shipping Management Plan and the Dredge Management Plan – Port (Maintenance Dredging). No further independent peer reviews have been required in the current audit period.	Review of EPBC 2019 audit report	Review correspondence, if applicable, approving independent peer review criteria and correspondence approving relevant management plan or strategy	
Condition 61 EPBC 2010/5642 <i>The reviews undertaken for condition 60 must include an analysis of the effectiveness of the avoidance and mitigation measures in meeting the objectives, targets or management measures identified in the program/s, plants or strategies being reviewed.</i>					
61.1	Independent Peer Reviews must include an analysis of the effectiveness of the avoidance and mitigation measures in meeting the objectives, targets or management measures identified in the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan,	The EPBC 2016 audit report noted that for each document submitted, criteria for independent peer review were submitted and approved by DoE. Subsequently documents with independent peer review reports which were assessed by DoE and ultimately approved in line with evidence shown in Condition 60. This demonstrates Independent Peer Reviews have addressed the criteria to the satisfaction of the Minister. It was noted that the peer reviews included an analysis of the effectiveness of the avoidance and mitigation measures in meeting the objectives, targets or management measures identified in the	Review of EPBC 2016 audit report Review of EPBC 2019 audit report	EPBC 2016 audit report Review correspondence, if applicable, approving independent peer review criteria and correspondence approving relevant	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.</p> <p>The 2019 audit showed that the peer reviews included the same level of detail for the Operations Marine Shipping Management Plan and the Dredge Management Plan – Port (Maintenance Dredging). DoEE approved the peer reviews for both documents.</p> <p>No further independent peer reviews have been required in the current audit period.</p>		management plan or strategy	
Condition 62 EPBC 2010/5642 <i>Unless otherwise specified in these conditions or notified in writing by the Minister, the approval holder must provide to the Minister, a copy of all advice and recommendations made by the Independent Peer Reviewer for program/s, plants, or strategies, and an explanation of how the advice and recommendations will be implemented, or an explanation of why the approval holder does not propose to implement certain recommendations.</i>					
62.1	Independent Peer Reviews including all advice and recommendations must be provided to the Minister for Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s,	<p>EPBC 2016 audit report noted that each independent review specifies the review criteria, independent review comments and the response to the peer review comments. The independent peer review report including all advice and recommendations and the responses have been submitted to the DoE and subsequently approved for all plans and strategies.</p> <p>The 2016 EPBC audit report covered the Temporary Barge Plan, Marine and Shipping Management Plan</p>	<p>2016 EPBC Audit Report</p> <p>2019 EPBC Audit Report</p>	<p>Review Independent Review Criteria</p> <p>Review independent review reports</p> <p>Review response to reports</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>(construction), Dredging Management Plan River and Ports, Terrestrial Management Plan, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.</p> <p>The EPBC 2019 audit reviewed the independent peer reviews for the Maintenance Dredging Management Plan and the Operations Shipping Management Plan.</p>		Review correspondence demonstrating acceptance by DoE	
62.2	Rio Tinto responses to Independent Peer Reviews must be provided to the Minister for Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	<p>Each independent review specifies the review criteria, independent review comments and the response to the peer review comments.</p> <p>The independent peer review report including all advice and recommendations and the responses have been submitted to the DoE and subsequently approved for all plans and strategies. Correspondence relating to the approval is detailed throughout this checklist.</p> <p>The 2016 EPBC audit report covered the Temporary Barge Plan, Marine and Shipping Management Plan (construction), Dredging Management Plan River and Ports, Terrestrial Management Plan, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.</p> <p>The 2019 EPBC Audit Report reviewed the independent peer reviews for the Maintenance Dredging Management Plan and the Operations Shipping Management Plan.</p>	<p>EPBC 2016 Audit Report</p> <p>EPBC 2019 Audit Report</p>	EPBC 2016 Audit Report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
Condition 63 EPBC 2010/5642 <i>If the Minister is not satisfied that the final revised version of the plan/s, program/s or strategies specified in this approval adequately addresses the condition/s specified in the approval, the approval holder will be notified in writing by the Minister that they must update a plan/s, program/s or strategies to meet the condition/s that have not been adequately addressed.</i>					
63.1	If notification provided by the Minister that condition/s specified in the approval are not adequately addressed any approved plan/s, program/s or strategies must be updated.	No notification provided – not applicable.	N/A	N/A	Not applicable
Condition 64 EPBC 2010/5642 <i>For any plan/s and/or strategy specified in this approval that is to be approved by the Minister, the approval holder must ensure the Minister is provided at least 60 business days for review and consideration of the programs/s, plan/s, or strategies specified in this approval, unless otherwise agreed in writing by the Minister. This does not apply to urgent changes required to protect the environment or repair or mitigate any damage that may or will be, or has been, caused by the action to any matter protected by Part 3 of the EPBC Act for which the approval has effect.</i>					
64.1	Minister must be provided at least 60 business days for review and consideration of the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	EPBC 2016 audit report noted that the Temporary Barge Plan, Marine and Shipping Management Plan, Dredging Management Plan-Port, Dredging Management Plan-River, Terrestrial Management Plan, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy have all been approved by the Minister prior to the commencement of the relevant activity, where that activity has actually commenced. EPBC 2019 audit report noted that the Operations Marine Shipping Management Plan was submitted to and approved by the Minister prior to commencement of shipping.	Reviewed EPBC 2016 audit report Reviewed EPBC 2019 audit report Details noted throughout this checklist.	EPBC 2016 audit report EPBC 2019 audit report Evaluate all relevant plans to ensure these were approved prior to commencement	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		Maintenance Dredge Management Plan – Port was submitted and approved prior to the first occurrence of maintenance dredging.			
<p>Condition 65 EPBC 2010/5642</p> <p><i>To avoid duplication, the approval holder may provide the Minister with any plan/s, program/s or strategies prepared for the State provided the plan/s, program/s or strategies meets the conditions specified in this approval. The plan/s, program/s or strategies must include a cross reference table that clearly identifies:</i></p> <p><i>a. the condition specified in this approval for which the plan/s, strategy or program/s is being provided; and</i></p> <p><i>b. the relevant folder, chapter, section number and page number in the plan/s, program/s or strategies where the condition has been addressed.</i></p>					
65.1	If any plan/s, program/s or strategies prepared for the State are to be provided to the Minister for approval they must include a cross reference table that clearly identifies: a. the condition specified in this approval for which the plan/s, strategy or program/s is being provided; and b. the relevant folder, chapter, section number and page number in the plan/s, program/s or strategies where the condition has been addressed.	<p>EPBC 2016 audit report noted all plans reviewed included the appropriate cross reference table.</p> <p>SoE Project Operations Marine and Shipping Management Plan Table 1 specifies the relevant EPBC Approval Conditions and the relevant section to address the Conditions are listed.</p> <p>Maintenance Dredge Management Plan – Port Table 1 specifies the relevant EPBC Approval Conditions and the relevant section to address the Conditions are listed.</p>	<p>EPBC 2016 audit report</p> <p>EPBC 2019 audit report</p>	<p>EPBC 2016 Audit Report</p> <p>EPBC 2019 Audit Report</p> <p>Evaluate all relevant plans to ensure that a cross reference table is included, as described</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
COMMENCEMENT DATES					
Condition 66 EPBC 2010/5642					
<i>Within ten (10) days after the commencement of preliminary works, construction, operation and/or commencement of the action, the approval holder must advise the Minister in writing of the actual date of commencement.</i>					
66.1	Within 10 days following commencement of preliminary works written notification must be provided to the Minister advising the actual date of commencement.	Reviewed EPBC audit 2016. Preliminary works commenced 21/10/2015. Confirmed 2022 audit.	Reviewed during EPBC audit 2016	EPBC Audit Report 2016 Evaluate correspondence relating to notification of preliminary works	Compliance No further auditing required
66.2	Within 10 days following commencement of construction written notification must be provided to the Minister advising the actual date of commencement	Letter dated 18/5/2016 to Department of Environment advising of commencement of action and commencement of construction as being 12/5/2016. This notification was provided to the Minister within 10 days. Confirmed 2022 audit.	Letter dated 18/5/2016 re commencement construction	Evaluate correspondence relating to notification of construction	Compliance No further auditing required
66.3	Within 10 days following commencement of operation written notification must be provided to the Minister advising the actual date of commencement	Letter dated 7/12/2018 advising Department of the Environment and Energy that operations commenced on 2/12/2018. Confirmed 2022 audit.	Letter dated 7/12/2018 re commencement of operations	Evaluate correspondence relating to notification of operation	Compliance No further auditing required
66.4	Within 10 days following commencement of the action	Commencement of the action is defined in EPBC Permit 2010/5642 b) any works that are required to	Letter dated 18/5/2016 re	Evaluate correspondence	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	written notification must be provided to the Minister advising the actual date of commencement.	<p>be undertake for construction (except exploration, site investigation and preliminary works). Construction commenced 12/5/2016.</p> <p>Letter dated 18/5/2016 to Department of Environment advising of commencement of action and commencement of construction as being 12/5/2016. This notification was provided to the Minister within 10 days.</p> <p>Confirmed 2022 audit</p>	commencement of action	relating to notification of commencement of the action	No further auditing required
RECORD KEEPING					
<p>Condition 67 EPBC 2010/5642</p> <p><i>The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the plan/s or strategies as specified in these conditions and make them available upon 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 the conditions of approval. Summaries of audits will be posted on the department's website. The results of audits may also be published through the general media.</i></p>					
67.1	Accurate records of activities must be maintained in relation to activities associated with or relevant to the conditions of approval.	Throughout the audit it was evident that appropriate and accurate records substantiating activities relevant to the approval were maintained. This extended to monitoring, training, dredging, surveys, inspection checklists and correspondence.	Assessed throughout audit	Assess records throughout audit	Compliance
67.2	Records must be made available on request by the Department. Such documents may be subject to audit by the Department and used to verify	It was advised that no request has been made by the Department to make records available.	Interview Specialist Environment - Weipa	Interview	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	compliance with the conditions of approval.				
REPORTING					
Condition 68 EPBC 2010/5642 <i>Within three (3) months of every 12 month anniversary of commencement of the action the approval holder must publish a report on their website, for the duration of the project including decommissioning, addressing compliance with the conditions of this approval over the previous 12 months, including implementation of any management plan/s or strategies as specified in the conditions. Non-compliance with any of the conditions of this approval must be reported to the department at the same time as the compliance report is published. Within five (5) days after publication, the person taking the action must provide the Minister with a copy of the report/s.</i>					
68.1	Compliance report/s must be published within three (3) months of every 12 month anniversary of commencement of the action.	<p>Commencement of the action occurred on 12/5/2016.</p> <p>The third annual compliance report was submitted 12/8/2019. The letter stated that the compliance report was placed on the Amrun project website on 10/8/2019.</p> <p>The fourth annual compliance report was submitted 12/8/2020. The letter stated that the compliance report was placed on the Amrun project website on 12/8/2020.</p> <p>The fifth annual compliance report was submitted 12/8/2021. The letter stated that the compliance report was placed on the Amrun project website on 12/8/2021.</p> <p>Annual compliance reports have been published within the three month period of the 12 month anniversary of commencement of the action.</p> <p>Compliance reports are published on the project website.</p>	<p>Letter dated 12/8/2019</p> <p>Letter dated 12/8/2020</p> <p>Letter dated 12/8/2021</p> <p>Project website</p>	<p>Evaluate correspondence relating to compliance reporting</p> <p>Review project website</p>	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
68.2	Non-compliance with any of the conditions of this approval must be reported to the department at the same time as the compliance report/s is published.	2019 EPBC Annual Compliance Report states no non-compliances. 2020 EPBC Annual Compliance Report states no non-compliances. 2021 EPBC Annual Compliance Report states one non-compliance with Condition 10, noting that the report was submitted after the project milestone compliance date. The corrective action noted that there was discussion with the department and an updated submission date entered. Internal review on all approval conditions with timing requirements to ensure that these are well understood and planned to mitigate similar administrative non-compliances in the future.	Letter dated 12/8/2019 Letter dated 12/8/2020 Letter dated 12/8/2021	Evaluate correspondence relating to compliance reporting	Compliance
68.3	Copy/s of the compliance report/s must be provided to the Minister within five (5) days after publication.	2019 Annual compliance report was dated 10/8/2019 and provided to the department 12/8/2019. 2020 Annual compliance report was dated 11/8/2020 and provided to the department 12/8/2020. 2021 Annual compliance report was dated 11/8/2021 and provided to the department 12/8/2021.	Letter dated 12/8/2019 Letter dated 12/8/2020 Letter dated 12/8/2021	Review correspondence relating to advice to Minister	Compliance
AUDITING					
Condition 69 EPBC 2010/5642 <i>Every three years from the date of this approval, the approval holder must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the Minister. The independent auditor must be approved by the Minister prior to the commencement of the audit. Audit criteria must be agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister.</i>					

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
69.1	Every three years from the date of this approval independent audit/s of compliance with the conditions of approval must be conducted and audit report submitted to the Minister.	<p>First independent audit - Ardent Group Independent Compliance Audit Report EPBC 2010/5642 version 1 dated 17 June 2016.</p> <p>Second independent audit - Ardent Group Independent Compliance Audit Report EPBC 2010/5642 version 1 dated 15 May 2019.</p> <p>Submission of the audit report occurred via email on 16/5/19.</p> <p>DoE responded 8/8/19 and found that the report satisfied the requirements.</p> <p>Original EPBC Approval 2010/5642 was dated 14 May 2013. Therefore, the second and third (current) audits have been conducted within the required timeframe.</p> <p>It is noted that the Department of the Environment and Energy letter dated 31/3/2022 Reference EPBC 2010/5642 dated 31/3/2022 specifies that the audit report be submitted to the Department by 1 July 2022.</p>	Review audit reports	EPBC 2019 audit report Current audit report	Compliance
69.2	The independent auditor/s must be approved by the Minister prior to the commencement of the audit.	DAWE letter dated 31/3/2022 Reference EPBC 2010/5642 approves Lana Shoesmith Ardent Group Pty Ltd as the independent auditor.	DAWE Letter dated 31/3/2022	Review correspondence relating to auditor approval	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
69.3	Audit criteria must be agreed to by the Minister and the audit report/s must address the criteria to the satisfaction of the Minister.	<p>DAWE letter dated 31/3/2022 Reference EPBC 2010/5642 approves audit criteria submitted on 23 March 2022 for the current audit.</p> <p>Relevant to the 2019 EPBC audit - Submission of the 2019 EPBC audit report (V1 dated 15/5/19) occurred via email submission of the audit report occurred via email on 16/5/19.</p> <p>DoE responded 8/8/19 and found that the report satisfied the requirements of the EPBC Act approval 2010/5642.</p>	<p>DAWE Letter dated 31/3/2022</p> <p>DoE letter 8/8/2019</p>	Review correspondence relating to audit criteria	Compliance
SENSITIVE INFORMATION					
<p>Condition 70 EPBC 2010/5642</p> <p><i>For the purposes of reporting at Condition 68, where material required under condition 41 and Condition 42 is culturally sensitive and cannot be disclosed at the explicit and written consent of the relevant Indigenous people with rights, claims or interests in the area, the approval holder must advise the department of the extent to which it cannot comply with condition 41 and Condition 42 or that reason.</i></p>					
70.1	The department must be advised where material required under condition 41 and condition 42 is culturally sensitive and cannot be disclosed for the purposes of reporting at condition 68 at the explicit and written consent of the relevant Indigenous people with rights, claims or interests in the area.	There have been no examples where material is culturally sensitive and cannot be disclosed.	N/A	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
70.2	The department must be advised of the extent to which Rio Tinto cannot comply with condition 41 and 42 or that reason.	There have been no examples where material is culturally sensitive and cannot be disclosed.	N/A	N/A	Not applicable
RECORD REGISTER					
Condition 71 EPBC 2010/5642 <i>Where the conditions require the approval holder to submit a program/s, plan/s or strategies for the Minister's approval, the approval holder must maintain a register recording:</i> <ul style="list-style-type: none"> <i>a. the date on which each plan was approved by the Minister;</i> <i>b. if a plan has not been approved, the date on which it was, or is expected to be, submitted to the Minister;</i> <i>c. the dates on which reports on the outcomes of reviews have been approved by the Minister; and,</i> <i>d. the dates on which the subsequent reviews are due.</i> 					
71.1	A register must be maintained which records the dates required by a. to d. for the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	South of Embley Bauxite Mine and Port Development (Amrun Project) (EPBC 2010/5642) Register of Programs, Plans and Strategies) lists document, independent review approved by Minister, independent review submitted to Minister, management plan and independent review expected to be submitted to Minister, comments received, response to comments (subsequent reviews i.e. #2 and #3, as relevant). Dates recorded for Inshore Dolphin Offset Strategy, Feral Pig Offset Strategy, Temporary Barge Plan, Terrestrial Management Plan, Terrestrial Management Plan Review, River Facilities Capital Dredge Management Plan, Port Dredge Management Plan – Initial Capital Dredge Plan, Construction Marine and Shipping Management Plan, Operations Marine Shipping Management Plan,	Reviewed Register	Review register to ensure it is complete in line with the listed requirements.	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		<p>Operations Marine Shipping management Plan Review, Dredge Management Plan – Port (Maintenance Dredging 2018 – 2020), Dredge Management Plan – Port (Maintenance Dredging Long Term).</p> <p>Due dates are recorded for required reviews of management plans e.g. Operations Marine Shipping Management Plan reviews 2023, 2026, 2029 then every 5 years.</p>			
71.2	The register must be submitted to the department at the time the annual compliance report is published.	<p>Letter dated 12 August 2019 to Department of Environment and Energy in reference to annual reporting and publication requirements. The EPBC Register of Programs, Plans and Strategies Register was attached to the letter with the annual compliance report.</p> <p>Letter dated 12 August 2020 to Department of Environment and Energy in reference to annual reporting and publication requirements. The EPBC Register of Programs, Plans and Strategies Register was attached to the letter with the annual compliance report.</p> <p>Letter dated 12 August 2021 to Department of Environment and Energy in reference to annual reporting and publication requirements. The EPBC Register of Programs, Plans and Strategies Register</p>	<p>Letter to DoEE dated 12/8/2019</p> <p>Letter to DoEE dated 12/8/2020</p> <p>Letter to DoEE dated 12/8/2021</p>	Review correspondence to ensure the register is submitted at the time of the annual compliance report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
		was attached to the letter with the annual compliance report.			
Condition 72 EPBC 2010/5642 <i>If the approval holder wishes to carry out any activity otherwise than in accordance with a programs/s. plan/s or strategies as specified in the conditions, the approval holder must submit to the department for the Minister's written approval a revised version of that programs/s, plan/s or strategies. The varied activity must not commence until the Minister has approved the varied programs/s, plants or strategies writing. The Minister will not approve a varied programs/s, plan/s or strategies unless the revised programs/s, plants or strategies would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised programs/s, plan/s or strategies they must be implemented in place of the plants or strategies originally approved.</i>					
72.1	Where changes have been required in activities described in the Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy, revised versions of the plan(s) must be submitted to the Minister for approval.	In the current audit period, changes have been made to: - Marine and Shipping Management Plan, as required by Condition 8 - submitted 18 February 2021, with final responses provided to the Minister 27 April 2021. Operations MSMP April 2021 was approved by the Minister 6 July 2021. - Terrestrial Management Plan, as required by Condition 30. Terrestrial MP submitted for Approval 3 February 2020. Letter dated 12 June 2020 from DAWE approving Terrestrial Management Plan dated 28 May 2020.	Reviewed Operations MSMP April 2021 Interview Specialist Environment – Weipa DoE letter dated 6/7/21 Reviewed Terrestrial Management Plan Email to DoEE dated 30 January 2020	Review of documents relating to revision of plans	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
			<p>Email from DoEE dated 30 January 2020</p> <p>Letter dated 12 June 2020 confirming submission of revised Terrestrial MP and approval of the revised Terrestrial MP</p>		
72.2	Approval for varied management plan(s) and/or monitoring programs(s) must be received from the Minister in writing prior to commencement of the variation.	Marine and Shipping Management Plan, as required by Condition 8 and Terrestrial Management Plan, as required by Condition 30 were approved by the Minister. Minor changes only.	Evidence specified in Conditions 8 and 30 demonstrating implementation of plans	Review of documents relating to plan variation and implementation of actions relating to changes.	Compliance
Condition 73 EPBC 2010/5642 <i>If, at any time after the first five (5) year anniversary of the date of this approval, the approval holder has not commenced the action, then the approval holder must not commence the action without the written agreement of the Minister.</i>					
73.1	Commencement of the action must not occur after the first five (5) year anniversary of the	EPBC 2016 audit report confirming the Commencement of the Action occurred within the	EPBC 2016 audit report verifying stage of works	EPBC 2016 audit report	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	date of this approval without the written agreement of the Minister.	five year anniversary of the EPBC2010/5642 dated 14/5/2013. Action has commenced within specified timeframe. 2022 audit confirmed.			No further auditing required.
Condition 74 EPBC 2010/5642 <i>The financial cost of adhering to the conditions specified in this approval will be borne by the approval holder.</i>					
74.1	The financial costs of adhering to the conditions specified in this approval must be borne by the approval holder.	Audit demonstrates that there is adherence to the conditions specified in the approval. Advised that the approval holder has incurred the costs.	Audit Checklist	Evidence throughout audit	Compliance
Condition 75 EPBC 2010/5642 <i>If the Minister believes that it is necessary or convenient for the better protection of World Heritage properties (sections 12 & 15A), National Heritage Place (section 158 & 15C), Listed threatened species and communities (sections 18 & 18A), Listed Migratory Species (section 20 & 20A), Commonwealth Marine Area (sections 23 & 24a) and Great Barrier Reef Marine Park (sections 248 and 24C) to do so, the Minister may request that the approval holder make specified revisions to the programs/s, plan/s or strategies specified in the conditions and submit the revised programs/s, plan/s or strategies for the Minister's written approval. The approval holder must comply with any such request. The revised approved programs/s, plan/s or strategies must be implemented. Unless the Minister has approved the programs/s, plan/s or strategies then the approval holder must continue to implement the programs/s, plants or strategies originally approved, as specified in the conditions.</i>					
75.1	If the Minister requests specified revisions for the better protection of World Heritage properties (sections 12 & 15A), National Heritage Place (section 158 & 15C), Listed threatened species and communities (sections 18 & 18A), Listed Migratory Species (section 20 & 20A),	No requests received from the Minister.	Interview Specialist – Environment Weipa	N/A	Not applicable

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Commonwealth Marine Area (sections 23 & 24a) and Great Barrier Reef Marine Park (sections 248 and 24C), approved plan/s, program/s or strategies must be updated and submitted to the Minister for approval				
75.2	Updated plan/s, program/s or strategies must be implemented in relation to the relevant conditions for implementation of plan/s, program/s or strategies in this approval.	Not applicable - no requests received from the Minister.	N/A	N/A	Not applicable
75.3	Previously approved plan/s, program/s or strategies must continue to be used until the Minister has approved the updated plan/s, program/s or strategies.	Not applicable - no requests received from the Minister.	N/A	N/A	Not applicable
Condition 76 EPBC 2010/5642 <i>The approval holder must undertake the action in accordance with, and ensure persons that are under the direction or control of the approval holder for the South of Embley Bauxite Mine and Port Development project comply with, the approved plan/s, program/s or strategies to avoid, mitigate, manage and offset impacts to outstanding universal value of the World Heritage properties (sections 12 & 15A). National Heritage Place (section 15B & 15C), Listed threatened species and communities (sections 18 & 18A), Listed Migratory Species (section 20 & 20A), Commonwealth Marine Area (sections 23 & 24a) and Great Barrier Reef Marine Park (sections 24B and 24C).</i>					
76.1	Project activities and persons undertaking project activities must comply with the	Audit demonstrates that there is adherence to the conditions specified in the approval.	Audit Checklist	Evidence throughout audit	Compliance

Audit Criteria	Compliance Requirement / Audit Criteria	Auditor Evidence	Verification Method (Evidence)	Measurements Made (Sample)	Compliance Finding
	Temporary Barge Plan, Marine and Shipping Management Plan, Capital Dredging Management Plan/s, Maintenance Dredging Management Plan/s, Terrestrial Management Plan, Rehabilitation Strategy, Feral Pig Management Offset Strategy and Inshore Dolphin Offset Strategy.	All personnel interviewed understood the relevant requirements and were able to provide examples of implementation, as they applied to the scope of works conducted during the audit period.			

Appendix 2

Appointment of Independent Auditor and Approval of Audit Criteria



Australian Government
Department of Agriculture,
Water and the Environment

Our reference: EPBC 2010/5642

Mr Glenn Woodrow
Principal Advisor Approvals and Compliance
RTA Weipa Pty Ltd
155 Charlotte Street
BRISBANE QLD 4000

Email: glenn.woodrow@riotinto.com

Dear Mr Woodrow,

**Re: South of Embley Bauxite Mine and Port Development,
Cape York, QLD (EPBC 2010/5642):
Approval of independent auditor/audit criteria**

I refer to your email of 8 March 2022 seeking approval for an independent auditor, and agreement to audit criteria in accordance with condition 69 of the approval granted for the South Embley Bauxite Mine and Port Development under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) on 14 May 2013.

As a delegate of the Minister for the Environment, I approve the nominated auditor from Ardent Group Pty Ltd to undertake the independent audit required under condition 69 of the EPBC Act approval. I also agree to the proposed audit criteria submitted on 23 March 2022.

I request that you submit the audit report to the Department by 1 July 2022. I look forward to receiving a copy of the audit report.

If you would like to discuss this matter further, please contact Nicholas Scholar on (02) 6274 1284 or email Audit@environment.gov.au.

Yours sincerely

A handwritten signature in blue ink, appearing to be "R Chadwick", written over a circular blue stamp.

Dr Richard Chadwick
Assistant Secretary
Environment Compliance Branch
31 March 2022

Appendix 3 Personnel Interviewed

Name	Role	Comments
Linda Wells	Specialist - Environment Weipa	Linda Wells has now moved to this role
Linda Wells	Marine Scientist / Land Sea Management Program Coordinator	
Caity Williams	Specialist Communication & Communities, Weipa Operations	Email re Social Impact Management Plans
Harry Nevard	Senior Advisor Threatened Species	
Anna Horwood	Rehabilitation Closure Advisor	
Raine Hitch	Land Management Advisor	
Glenn Woodrow	Principal Advisor Approvals and Compliance	

Appendix 4 Auditor's Declaration of Independence



Australian Government
Department of the Environment and Energy

Independent Audit and Audit Report Guidelines

For controlled actions which have been approved under Chapter 4 of the *Environment Protection and Biodiversity Conservation Act 1999*

2019

© Commonwealth of Australia, 2019.

Appendix A—Auditor's Declaration of Independence

I, Lana Shoesmith of Ardent Group Pty Ltd 3 Water Street, Red Hill, Queensland 4059

declare that to the best of my knowledge and belief I and my organisation do not have any conflicting or competing interests with:

The Auditee, RTA Weipa Pty Ltd – Amrun Project, the Auditee's staff or representatives or other persons associated with the Auditee, including any personal, financial, business or employment relationship, except to the extent detailed below.

The project to be audited EPBC 2010/5642 Amrun Project (formerly known as South of Embley Project).

I shall notify the Department of the Environment within seven days of any change in these circumstances or any other change that may affect my independent status.

I shall at all times observe any professional code of conduct and/or ethics applicable to undertaking audits (i.e. – as prescribed by the agency with which I hold accreditation/membership). I take full responsibility for any factual inaccuracy or mistake made in giving this declaration, particularly to the extent that others rely upon the truth of this declaration. I acknowledge that the Department of the Environment may request further information to verify my independence at any time.

Details of any personal, financial, business or employment relationship with the Auditee, the Auditee's staff, representatives or associated persons. (This is in the context of both the person making the declaration and the organisation that they are employed by – specify 'nil' if none):

- Conducted Independent EPBC 2010/5642 audit Amrun Project (2016, 2019)
- Conducted Annual Independent Coordinator General audits (2016, 2017, 2019 – desktop; and 2018)
- Conducted third party independent compliance audit EPML00562513 - ML7031 (2019)
- Conducted third party independent compliance audit EPML00725113 - ML6024 and ML7024 (2020)
- Conducted Third Party assurance review Weipa operations (2021)
- No other work has been conducted related to the Amrun Project or for Rio Tinto by myself or by Ardent Group.

Details of any personal, financial, business or employment relationship with the project to be audited. (This is in the context of both the person making the declaration and the organisation that they are employed by - specify 'nil' if none):

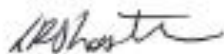
- Conducted Independent EPBC audit Amrun Project (2018, 2019)
- Conducted Annual Independent Coordinator General audits (2016, 2017, 2019 – desktop only; and 2018)
- Conducted third party independent compliance audit EPML00725113 ML6024 and ML7024 (2020)
- Conducted Third Party assurance review Weipa operations (2021)
- No other work has been conducted related to the Amrun Project by myself or by Ardent Group.

Details of audit qualifications and professional accreditations/memberships. (Include copies of current audit qualifications and current professional accreditations/memberships):

- Registered Master Environmental Auditor – Exemplar Global #12298
- Certified Environmental Practitioner – CEnvP #092
- Member Institute of Australia and New Zealand – EIANZ #55081
- Bachelor of Science (Honours) and Graduate Diploma Environmental Management

In making this declaration, I am aware that section 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) makes it an offence in certain circumstances to knowingly provide false or misleading information or documents to specified persons who are known to be performing a duty or carrying out a function under the EPBC Act or the regulations. The offence is punishable on conviction by imprisonment for not more than 1 year, a fine not more than 60 penalty units, or both. An extract of section 491 of the EPBC Act is attached

Signed



Full name (please print)

Lana Shoesmith

Organisation (please print)

Ardent Group

Date

21/02/2022

Footnote:

- Where an organisation or a team of auditors is nominated to undertake the audit, each individual that is nominated is to complete a separate declaration.
- The curriculum vitae of all audit team members are to be submitted with the declaration outlining their relevant experience and qualifications.

Appendix 5 Auditor's Certification

Audit Report-Auditor's Certification

Auditor Details: Lana Shoosmith, General Manager, Audits and Compliance, Ardent Group Pty Ltd,
3 Water Street Red Hill, Queensland 4059, phone: 07 3368 1033

Auditor's qualifications and/or experience:

- Exemplar Global Master Environmental Auditor #12299
- Certified Environmental Practitioner CENP #092
- Member Environmental Institute of Australia and New Zealand EIANZ #55061
- Bachelor of Science (Honours) and Graduate Diploma Environmental Management

Auditor's declaration:

I, Lana Shoosmith

- For environmental audits that are required by a condition of an *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval I certify that, to the best of my knowledge, all information provided in the audit report attached to this audit certification statement is true, correct and complete.

I am aware that section 491 of the EPBC Act makes it an offence in certain circumstances to knowingly provide false or misleading information or documents to specified persons who are known to be performing a duty or carrying out a function under the EPBC Act or the regulations. The offence is punishable on conviction by imprisonment for not more than 1 year, a fine not more than 60 penalty units, or both.

A handwritten signature in black ink, appearing to read "L Shoosmith", with a stylized flourish at the end.

Signature:

Date: 15/6/2022