

24 April 2014

Mr Kim Taylor
Chief Executive Officer
Office of the Environmental Protection Authority
Locked Bag 10 East Perth
WA 6892

ATTENTION: Manager Compliance Branch

Dear Mr Taylor

Ministerial Statement 930 - West Pilbara Iron Ore Project Stage 1: Anketell Point Port Development - Compliance Assessment Letter Report

API Management Pty Ltd (API) received Ministerial approval for the West Pilbara Iron Ore Project (WPIOP) Stage 1: Anketell Point Port proposal (the Project) on 30 January 2013.

Condition 4-6 of Ministerial Statement 930 (MS 930) requires API to submit to the CEO of the Office of the Environmental Protection Authority (OEPA) a Compliance Assessment Report fifteen months from the date of issue of MS 930.

Construction of the Project has not commenced and there has consequently been no ground disturbance or other construction activity during the period 30 January 2013 to 30 January 2014. Advice received from the Compliance Branch (OEPA) in regard to the compliance assessment report for the Stage 1: Mine and Rail component of the WPIOP indicated that given the project had not been implemented, a letter and updated Audit Table would fulfil the requirement for a Compliance Assessment Report.

Attached is a copy of the Audit Table as described in the approved Compliance Assessment Plan, reporting the status of compliance with each condition of approval, and a Statement of Compliance.

Please do not hesitate to contact Spencer Shute on 94230257 or sshute@apijv.com.au should you require any further information.

Yours sincerely



Piers Goodman

Manager Environment and Community

API Management Pty Ltd

(as agent for Aquila Steel Pty Ltd and AMCI (IO) Pty Ltd as participants in the API JV).

Attachments:

- (1) Completed Audit Table for MS 930
- (2) Statement of Compliance

API Management Pty Limited

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1 Preston Street
Como WA 6152

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South Perth WA 6951

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Statement of Compliance**1 Proposal and Proponent Details**

Proposal Title	Anketell Point Port Development, Antonymyre, Shire of Roebourne
Statement Number	930
Proponent Name	API Management Pty Limited
Proponent's Australian Company Number (where relevant)	112 677 595

2 Statement of Compliance Details

Reporting Period	30/01/13 to 30/01/14
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Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))							
Pre-construction	✓	Construction		Operation		Decommissioning	

Audit Table for Statement addressed in this Statement of Compliance is provided at Attachment:	2
<p>An audit table for the Statement addressed in this Statement of Compliance must be provided as Attachment 2 to this Statement of Compliance. The audit table must be prepared and maintained in accordance with the Office of the Environmental Protection Authority's (OEPA) <i>Post Assessment Guideline for Preparing an Audit Table</i>, as amended from time to time. The 'Status Column' of the audit table must accurately describe the compliance status of each implementation condition and/or procedure for the reporting period of this Statement of Compliance. The terms that may be used by the proponent in the 'Status Column' of the audit table are limited to the Compliance Status Terms listed and defined in Table 1 of Attachment 1.</p>	

Were all implementation conditions and/or procedures of the Statement complied with within the reporting period? (please tick ✓ the appropriate box)		
No (please proceed to Section 3)		Yes (please proceed to Section 4) ✓

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: PS

3 Details of Non-compliance(s) and/or Potential Non-compliance(s)

The information required Section 3 must be provided for each non-compliance or potential non-compliance identified during the reporting period covered by this Statement of Compliance.

Non-compliance/potential non-compliance 3-1

Which implementation condition or procedure was non-compliant or potentially non-compliant?	
Was the implementation condition or procedure non-compliant or potentially non-compliant?	
On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?	
Was this non-compliance or potential non-compliance reported to the General Manager, OEPA?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to OEPA verbally Date _____ <input type="checkbox"/> Reported to OEPA in writing Date _____	<input type="checkbox"/> No
What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?	
What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)	
What was the cause(s) of the non-compliance or potential non-compliance?	
What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?	
What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?	
Please provide information/documentation collected and recorded in relation to this implementation condition or procedure: <ul style="list-style-type: none"> • in the reporting period addressed in this Statement of Compliance; and • as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance. (the above information may be provided as an attachment to this Statement of Compliance)	

For additional non-compliance or potential non-compliance, please duplicate this page as required.

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: 12

4 Proponent Declaration

I, Piers Goodman, Manager Environment and Community declare that I am authorised on behalf of Stuart Tuckey, Manager Exploration (being the person responsible for the proposal) to submit this form and that the information contained in this form is true and not misleading.

Signature: Piers Goodman Date: 24 April 2014

Please note that:

- it is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give or cause to be given information that to his knowledge is false or misleading in a material particular; and
- the General Manager of the OEPA has powers under section 47(2) of the *Environmental Protection Act 1986* to require reports and information about implementation of the proposal to which the statement relates and compliance with the implementation conditions.

5 Submission of Statement of Compliance

One hard copy and one electronic copy (preferably PDF on CD or thumb drive) of the Statement of Compliance are required to be submitted to the General Manager, OEPA, marked to the attention of Manager, Compliance Branch.

Please note, the OEPA has adopted a procedure of providing written acknowledgment of receipt of all Statements of Compliance submitted by the proponent, however, the OEPA does not approve Statements of Compliance.

6 Contact Information

Queries regarding Statements of Compliance, or other issues of compliance relevant to a Statement may be directed to Compliance Branch, OEPA:

Manager, Compliance Branch
Office of the Environmental Protection Authority

Postal Address: Locked Bag 33
CLOISTERS SQUARE WA 6850

Phone: (08) 6467 5600

Email: compliance@epa.wa.gov.au

7 Post Assessment Guidelines and Forms

Post assessment documents can be found at www.epa.wa.gov.au in the following locations:

- Post Assessment Guidelines: Home>Policies and Guidelines>Post Assessment Guidelines;
- Post Assessment Forms: Home>Post Assessment Forms.

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: PS

ATTACHMENT 1**Table 1 Compliance Status Terms**

Compliance Status Terms	Abbrev	Definition	Notes
Compliant	C	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	This term applies to audit elements with: <ul style="list-style-type: none"> ongoing requirements that have been met during the reporting period; and requirements with a finite period of application that have been met during the reporting period, but whose status has not yet been classified as 'completed'.
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.	This term may only be used where: <ul style="list-style-type: none"> audit elements have a finite period of application (e.g. construction activities, development of a document); the action has been satisfactorily completed; and the Office of the Environmental Protection Authority (OEPA) has provided written acceptance of 'completed' status for the audit element.
Not required at this stage	NR	The requirements of the audit element were not triggered during the reporting period.	This should be consistent with the 'Phase' column of the audit table.
Potentially Non-compliant	PNC	Possible or likely failure to meet the requirements of the audit element.	This term may apply where during the reporting period the proponent has identified a potential non-compliance and has not yet finalized its investigations to determine whether non-compliance has occurred.
Non-compliant	NC	Implementation of the proposal has not been carried out in accordance with the requirements of the audit element.	This term applies where the requirements of the audit element are not "complete" have not been met during the reporting period.
In Process	IP	Where an audit element requires a management or monitoring plan be submitted to the OEPA or another government agency for approval, that submission has been made and no further information or changes have been requested by the OEPA or the other government agency and assessment by the OEPA or other government agency for approval is still pending.	<p>The term 'In Process' may not be used for any purpose other than that stated in the Definition Column.</p> <p>The term 'In Process' may not be used to describe the compliance status of an implementation condition and/or procedure that requires implementation throughout the life of the project (e.g. implementation of a management plan).</p>

Note:

- Phases that apply in this table = Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases).
- This audit table is a summary of the requirements applying to this proposal. Refer to the Statement issued for the proposal under Part IV of the EP Act for details/precise wording of audit elements.
- Code prefixes: M = Minister's condition, P = Proponent's commitment, N = Procedure.
- Abbreviations: CAR = Compliance Assessment Report; CEO = Chief Executive Officer of OEPA; Minister for Env = Minister for the Environment; OEPA = Office of the Environmental Protection Authority.
- Compliance Status: C = Compliant, CLD = Completed, NC = Non – compliant, NR = Not Required at this stage. Please note the terms NA = Not Audited and VR = Verification Required are only for OEPA use. IP = In Process may only be used by the proponent in circumstances outlined in Section 2.8 of the *Post Assessment Guideline for Preparing an Audit Table*.

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
930:M1.1	Proposal Implementation	The proponent shall implement the proposal as documented and described in Schedule 1 of this Statement subject to the conditions and procedures of this Statement.	Summary of status and compliance provided in Project Status section of the annual Compliance Assessment Report	Annual Compliance Assessment Report	Overall	Ongoing.	NR	
930:M2.1	Contact Details	The proponent shall notify the CEO of any change of its name, physical address or postal address for the serving of notices or other correspondence within 28 days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.	Written correspondence with the OEPA advising of change of proponent details	Letter to CEO notifying of change of contact name and address	Overall	Within 28 days of such a change.	NR	
930:M3.1	Time Limit of Authorisation	The authorisation to implement the proposal provided for in this Statement shall lapse and be void five years after the date of this Statement if the proposal to which this Statement relates is not substantially commenced.	Substantially commence implementation prior to lapse of authorisation	Written correspondence to the OEPA providing evidence that project has substantially commenced	Overall	By 30 January 2018.	NR	
930:M3.2	Time Limit of Authorisation	The proponent shall provide the CEO with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this Statement.	Written correspondence with the OEPA providing evidence that project has substantially commenced	Photographs Project status reports	Overall	By 30 January 2018.	NR	
930:M4.1	Compliance Reporting	The proponent shall prepare and maintain a compliance assessment plan to the satisfaction of the CEO.	Correspondence with the OEPA and submission of Compliance Assessment Plan, retention of records	Approved Compliance Assessment Plan	Overall	Ongoing.	C	
930:M4.2	Compliance Reporting	The proponent shall submit to the CEO the compliance assessment plan required by condition 4-1 at least six months prior to the first compliance report required by condition 4-6, or prior to implementation, whichever is sooner. The compliance assessment plan shall indicate: 1. The frequency of compliance reporting; 2. the approach and timing of compliance assessments; 3. the retention of compliance assessments; 4. the method of reporting of potential non-compliances and corrective actions taken; 5. the table of contents of compliance assessment reports; and 6. public availability of compliance assessment reports.	Submission of Compliance Assessment Plan to OEPA	Correspondence Assessment Plan	Overall	By 30 October 2013, or prior to implementation, or whichever is sooner.	CLD	
930:M4.3	Compliance Reporting	The proponent shall assess compliance with conditions in accordance with the compliance assessment plan required by condition 4-1.	Annual Compliance Report including completed audit table and corresponding evidence of compliance with conditions	Compliance Assessment Report	Overall	Ongoing.	C	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
930:M4.4	Compliance Reporting	The proponent shall retain reports of all compliance assessments described in the compliance assessment plan required by condition 4-1 and shall make those reports available when requested by the CEO.	Retention of records, including compliance assessment reports and third party reports or other documentation providing evidence of compliance, within suitable document management system.	Provision of reports on request	Overall	Within 7 days of such a request. Ongoing	C	
930:M4.5	Compliance Reporting	The proponent shall advise the CEO of any potential non-compliance within seven days of that non-compliance being known.	Correspondence with the OEPA 7 Day Potential Non-Compliance Report Template	Correspondence register	Overall	Within 7 days of any potential non-compliance being known. Ongoing	NR	
930:M4.6	Compliance Reporting	The proponent shall submit to the CEO the first compliance assessment report fifteen months from the date agreed with the Office of the EPA in the Compliance Assessment Plan required under condition 4-2 addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report. The compliance assessment report shall: 1. be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf; 2. include a statement as to whether the proponent has complied with the conditions; 3. identify all potential non-compliances and describe corrective and preventative actions taken; 4. be made publicly available in accordance with the approved compliance assessment plan; and 5. indicate any proposed changes to the compliance assessment plan required by condition 4-1.	Prepare Compliance Assessment Report in accordance with approved Compliance Assessment Plan and submit to the CEO	Compliance Assessment Report	Overall	The first Compliance Assessment Report submitted by 30 April 2014, and annually thereafter. Ongoing	C	
930:M5.1	Public Availability of Data	Subject to condition 5-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps)) relevant to the assessment of this proposal and implementation of this Statement.	Reports, maps and validated datasets relevant to assessment of proposal made available on request.	Correspondence register Data/document transmittal	Overall	Within 7 working days or as approved by CEO. Ongoing	C	
930:M5.2	Public Availability of Data	If any data referred to in condition 5-1 contains particulars of: 1. a secret formula or process; or 2. confidential commercially sensitive information, the proponent may submit a request for approval from the CEO to not make this data publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.	Submit request to CEO stating explanation and reasons why data should not be made publicly available	Correspondence register	Overall	Ongoing.	NR	
930:M6.1	Final Marine Infrastructure Plan	Prior to the construction of the marine infrastructure listed in Schedule 1 for this proposal, unless otherwise approved by the CEO, the proponent must prepare a final Marine Infrastructure Plan which is to be approved by the CEO, on advice of the	Submit to CEO Plan and spatial data locating the marine infrastructure in GIS compatible format	Final Marine Infrastructure Plan	Pre-construction	Prior to the construction of the marine infrastructure listed in Schedule 1.	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		Dampier Port Authority and Department of State Development, which details the marine infrastructure.	specified by the CEO and to the requirements of the CEO					
930:M6.2	Final Marine Infrastructure Plan	The proponent shall provide the CEO with the approved Marine Infrastructure Plan described in condition 6-1 and spatial data locating the marine infrastructure in a Geographical Information System (GIS) compatible format specified by the CEO.	Submit to CEO approved Plan and spatial data locating the marine infrastructure in GIS compatible format specified by the CEO	Final Marine Infrastructure Plan Data transmittal	Pre-construction	Prior to the construction of the marine infrastructure listed in Schedule 1.	NR	
930:M6.3	Final Marine Infrastructure Plan	The proponent shall construct the marine infrastructure listed in Schedule 1 consistent with the approved Marine Infrastructure Plan.	Construct infrastructure consistent with approved Plan	Annual Compliance Reports including top down aerial/satellite photograph showing layout of infrastructure	Construction	During construction phase.	NR	
930:M7.1	Fauna Management	The proponent shall not clear or disturb: 1. the ground or any vegetation beyond the proposal envelope depicted in Figure 2 and defined in Table 2 of Schedule 1; 2. more than a total combined area of 9.1 hectares of vegetation from those portions of the proposal envelope that extends over potential habitat for the threatened (specially protected) fauna species <i>Lerista neviniae</i> , as depicted in Figure 3 and defined in Table 2 of Schedule 1.	Implement API ground disturbance permit process (Environmental Operating Procedure 13) to ensure: <ul style="list-style-type: none"> No clearing beyond proposal envelope Clearing of no more than 9.1 hectares of potential <i>Lerista</i> habitat 	Annual Compliance Reports including top down aerial/satellite photograph showing extent of clearing/disturbance	Overall	Ongoing.	NR	
930:M7.2	Fauna Management	The proponent shall not clear potential <i>Lerista neviniae</i> habitat as depicted in Figure 3 and defined in Table 2 of Schedule 1 for any purpose other than activities directly associated with the construction of essential port infrastructure.	API ground disturbance permit process (Environmental Operating Procedure 13)	Annual Compliance Reports including information relating to the purpose of any clearing within potential <i>Lerista neviniae</i> habitat	Overall	Ongoing.	NR	
930:M7.3	Fauna Management	The proponent shall submit a ground disturbance report to the CEO, as part of the compliance reporting required by condition 4-6, to demonstrate ongoing compliance status with conditions 7-1(2) and 7-2 above. The report shall include: 1. a clear, top down (not oblique) aerial or satellite image captured at the end of each compliance period for those areas of potential <i>Lerista neviniae</i> habitat within the proposal envelope depicted in Figure 3 and defined in Table 2 of Schedule 1; 2. a spatial analysis that provides the actual total combined area of potential <i>Lerista neviniae</i> habitat disturbance.	Submit ground disturbance report to CEO including: <ul style="list-style-type: none"> Annual top down aerial/satellite imagery Geographical Information System (GIS) compatible dataset of all Proposal-related ground disturbance activities during preceding compliance period Mapping of disturbed area in relation to proposal envelope and potential <i>Lerista neviniae</i> habitat Total area of 	Ground disturbance report	Overall	By 30 April 2014 and annually thereafter. Ongoing	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
			potential <i>Lerista neviniae</i> habitat disturbance					
930:M7.4	Fauna Management	The proponent shall, for the whole duration of the project, actively manage potential <i>Lerista neviniae</i> habitat as depicted in Figure 3 and defined in Table 2, to ensure that its habitat value is maintained or enhanced to the requirements of the CEO in consultation with the Department of Environment and Conservation (DEC). Active management shall include: 1. feral animal control; 2. the prohibition of stock; 3. weed control; 4. limited and controlled vehicle and pedestrian access including fencing and sign posting; and 5. provision of equipment and appropriate training of personnel to enable rapid response in the event of wild fires.	<p>Implement vegetation health surveys and feral animal monitoring and control in accordance with approved Coastal Habitat Management Plan</p> <p>Control and minimise vehicular and pedestrian traffic within potential <i>Lerista neviniae</i> habitat</p> <p>Implement weed control measures (API Environmental Operating Procedure 17)</p> <p>Implement management actions as appropriate to prevent stock entry into potential <i>Lerista neviniae</i> habitat</p> <p>Maintain appropriate fire control equipment at Anketell Point and ensure sufficient site personnel trained in its use</p>	<p>Feral animal monitoring report (feral animal control)</p> <p>Vegetation monitoring report (weed control)</p> <p>Summary of management measures implemented (including fencing and signage) and provision of training records and equipment inventory within Annual Compliance Reports (limitation of access, wild fire response)</p>	Overall	Ongoing.	NR	
930:M8.1	Construction of Marine Infrastructure	The proponent shall conduct dredging and dredge spoil disposal activities as described in Schedule 1, to achieve the following environmental protection outcomes: i. no irreversible loss of, or serious damage to, benthic habitats outside of the Zone of High Impact shown in Figures 4 and 5 and defined in Table 3 of Schedule 1; ii. protection of at least 70% of baseline live coral cover on each designated coral habitat within the Zone of Moderate Impact shown in Figures 4 and 5 of Schedule 1; and iii. no detectable net negative change to benthic habitats relative to the baseline state of those habitats, outside of the Zones of High and Moderate Impact, shown in Figures 4 and 5 and defined in Tables 3 and 4 of Schedule 1, unless and until, at a specified site(s) outside the Zones of Moderate Impact or specified designated coral habitats in the Zones of Moderate Impact, a revised environmental protection outcome has been approved by the Minister in accordance with condition 8-10 to have effect for that specified site(s) or specified designated coral habitats in which case the approved revised environmental protection outcome for the specified site(s) or designated coral habitats shall	Implement monitoring and management actions in accordance with approved Dredge Environmental Management Plan (DEMP) following exceedance of the nominated water quality or coral health trigger values.	<p>Six weekly progress reports</p> <p>Suspected Non-achievement of EPOs Reports</p> <p>Correspondence register</p>	Construction	During dredging and dredge spoil disposal activities. Ongoing	NR	

AUDIT TABLE

Proposal Name: ANKETELL POINT PORT DEVELOPMENT, ANTONYMYRE, SHIRE OF ROEBOURNE

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		be achieved during dredging and dredge spoil disposal activities.						
930:M8.2	Construction of Marine Infrastructure	At least six months prior to the commencement of dredging of the berth pockets, swing basin and shipping channel as described in Schedule 1, unless otherwise approved by the CEO, the proponent shall revise the Dredge Environmental Management Plan (Rev 1, November 2010) (DEMP) in consultation with the DEC that meets the objectives set out in condition 8-3 to be approved by the CEO.	Submission of revised DEMP to CEO, including summary of consultation	Correspondence register	Pre-construction	At least six months prior to the commencement of dredging of the berth pockets, swing basin and shipping channel, unless otherwise approved by the CEO.	NR	
930:M8.3	Construction of Marine Infrastructure	The objectives of the Dredge Environmental Management Plan are to ensure that dredging associated with the construction of the marine infrastructure is managed: i. to achieve the environmental protection outcomes set in condition 8-1; and ii. with the aim of meeting the management targets, shown in Figures 4 and 5 of Schedule 1, and reducing adverse impacts on marine benthic habitats, as far as practicable, with a particular focus on the designated coral habitats identified in Figure 4 and 5 of Schedule 1.	Preparation of DEMP in accordance with Condition 8.3	Approved DEMP	Overall	Ongoing	NR	
930:M8.4	Construction of Marine Infrastructure	The Dredge Environmental Management Plan shall include: i. descriptions of impact and reference monitoring sites, including key physical attributes, geographic locations and measures of the baseline condition of benthic communities to be monitored; ii. descriptions of the environmental indicators to be monitored and the environmental criteria for evaluating the achievement of the environmental protection outcomes set in condition 8-1 and the management objectives in condition 8-3; iii. descriptions of the program for field validation/calibration and review of model predictions. iv. the monitoring and data evaluation procedures to be applied so as to assess achievement of the environmental protection outcomes set in condition 8-1 and the management objectives in condition 8-3; v. the monitoring methodologies to be applied to: a. measure relevant physical indicators (e.g. water currents, water quality conditions including turbidity, photosynthetic radiation near the seabed and light attenuation coefficient, and sediment production and deposition rates) at sites and at a frequency to allow adaptive dredge management; and b. measure relevant biological indicators with intervals between monitoring occasions at a frequency that informs adaptive environmental management (e.g. measures of live coral cover/coral mortality); vi. define the metocean and other relevant conditions (e.g. turbidity) that determine when it is unsafe to undertake field monitoring and the contingencies that will be implemented if monitoring cannot be undertaken; vii. a risk-based tiered approach that uses trigger values for relevant physical and / or biological indicators for managing the environmental impacts of dredging and spoil disposal activities to meet the objectives of	Preparation of DEMP in accordance with Condition 8.4	Approved DEMP	Overall	Ongoing.	NR	

AUDIT TABLE

Proposal Name: ANKETELL POINT PORT DEVELOPMENT, ANTONYMYRE, SHIRE OF ROEBOURNE

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		environmental protection outcomes of condition 8-1; viii. evidence demonstrating that the monitoring required to assess achievement of environmental protection outcomes set in condition 8-1 is based on tests using appropriate effect size(s) and has statistical power values of at least 0.8 (or alternative value(s) as approved by the CEO); ix. management actions that will be implemented in the event that the management triggers values for each tier set in condition 8-4(vii) are not met; x. methods and procedures that will be implemented to regularly characterise, spatially-define and report the observed plume caused by the dredging of the marine infrastructure and disposal of dredge spoil; xi. procedures for coral reproductive status monitoring to assist with predicting the timing and duration of significant mass coral spawning events; xii. the following, with respect to dredge spoil placement sites in State waters: a. management actions to be undertaken during dredge spoil placement activities to minimise the environmental impact of those activities and any material incremental losses of dredge spoil which may occur following completion of dredge spoil placement at sites in State waters; b. monitoring, including an outline of the timing of such monitoring events, to be undertaken of retention, stability and fate of dredge spoil placed at dredge spoil placement sites during and following the completion of dredge spoil placement at sites in State waters to verify the efficacy of the measures referred to in condition 8-4(xii)(a); and c. contingency measures to be implemented should monitoring required by condition 8-4(xii)(b) indicate management actions referred to in condition 8-4(xii)(a) are not effective; and xiii. requirements for timely reporting of monitoring data, management responses and contingency measures.						
930:M8.5	Construction of Marine Infrastructure	The proponent shall provide relevant stakeholders with a draft copy of the Dredge Environmental Management Plan required under conditions 8-2, and provide those stakeholders a reasonable opportunity to comment on the plan before it is submitted to the CEO for approval under condition 8-2.	Provision of draft DEMP to relevant stakeholders for review prior to submission to the CEO for approval	Correspondence register Approved DEMP	Pre-construction	A reasonable time to allow stakeholder comments prior to submission of the DEMP to the CEO under condition 8-2.	NR	
930:M8.6	Construction of Marine Infrastructure	The proponent shall implement the approved Dredge Environmental Management Plan required under conditions 8-2 prior to the commencement of any dredging and make that plan publicly available in a manner approved by the CEO.	Implement monitoring programmes prior to commencement of dredging DEMP uploaded to website, or otherwise published in accordance with CEO approval	Monitoring reports Screenshot of website	Overall	Implement the approved DEMP prior to commencement of any dredging and make that plan publicly available within 7 days of receiving a request to do so.	NR	
930:M8.7	Construction of Marine Infrastructure	In the event that monitoring carried out under the approved Dredge Environmental Management Plan determines that any of	Protocol for shut-down of	Correspondence register	Overall	Upon determination of non-achievement,	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		the environmental protection outcomes set in conditions 8-1 (or any approved revised environmental protection outcome) are not being achieved during dredging and dredge spoil disposal activities described in Schedule 1, the proponent shall: i. immediately suspend all turbidity-generating activities associated with the construction of the marine facilities that may be contributing to the non-achievement; ii. within 24 hours of that suspension, report the non-achievement to the CEO and that it has suspended the relevant turbidity-generating activities; and iii. within 48 hours of that suspension, report to the CEO: a. the results of the monitoring that led to that suspension; b. the findings of investigations into the causes of the non-achievement of the environmental protection outcomes set in condition 8-1; c. the turbidity-generating activities and metocean conditions which occurred in the monitoring period leading up to the non-achievement of environmental protection outcomes set in condition 8-1 (or any approved revised environmental protection outcome), and until the suspension of the turbidity-generating activities; and d. the results of the most recent water quality and sediment deposition monitoring.	construction activities Dredging EPO Non-achievement Report Template Dredging EPO Non-achievement Monitoring Report Template	Monitoring reports		immediately suspend turbidity-generating activities that may be contributing to the non-achievement. Within 24 hours of suspension, report non-achievement of Environmental Protection Outcomes to the CEO. Within 48 hours of suspension, report to the CEO on details listed under Condition 8-7(ii)		
930:M8.8	Construction of Marine Infrastructure	If, after suspending any turbidity-generating activities under condition 8-7, in the report required by condition 8-7(iii), the proponent: i. determines that environmental protection outcomes set in conditions 8-1 (or any approved revised environmental protection outcome) are being achieved; or ii. provides strong evidence that a particular turbidity-generating activity did not cause the non-achievement, and the CEO concurs with the findings of the proponent's report, then the proponent may recommence turbidity-generating activities which are part of: iii. dredging and dredge spoil disposal activities if condition 8-8(i) applies; or iv. whichever particular dredging and dredge spoil disposal activities that are determined not to have caused the non-achievement if condition 8-8(ii) applies, consistent with relevant management plans.	Correspondence with the OEPA Recommence dredging as approved by CEO	Correspondence register	Construction	After approval from CEO	NR	
930:M8.9	Construction of Marine Infrastructure	If conditions 8-8(i) and (ii) do not apply, and the proponent wishes to recommence the turbidity-generating activities which are suspended under condition 8-7, the proponent: i. shall submit to the Minister a report detailing the following: a. the results of the most recent environmental monitoring for all monitoring and reference sites, including identifying where an environmental protection outcome (or any approved revised environmental protection outcome) is not being achieved, and those sites where there is strong evidence that non-achievement of an environmental protection outcome (or any approved revised environmental protection outcome) is reasonably expected to be recorded as part of the same event; b. the turbidity-generating	Submission of report to the Minister	Correspondence register	Construction	Prior to recommencing turbidity generating activities	NR	

AUDIT TABLE

Proposal Name: ANKETELL POINT PORT DEVELOPMENT, ANTONYMYRE, SHIRE OF ROEBOURNE

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		activities which were being undertaken in the monitoring period prior to the environmental protection outcome (or an approved revised environmental protection outcome) not being achieved and until the time of suspension; c. the metocean conditions as monitored in the most recent monitoring period prior to the environmental protection outcome (or an approved revised environmental protection outcome) not being achieved and until the time of suspension; d. the results of the most recent water quality and sediment deposition monitoring; e. proposed revised environmental protection outcome(s) for the site(s) outside the Zones of Moderate Impact where an environmental protection outcome (or an approved revised environmental protection outcome) is not being achieved, and those sites where there is strong evidence that contravention of an environmental protection outcome (or an approved revised environmental protection outcome) is expected to be recorded as part of the same event, and or for the designated coral habitat(s) or site(s) inside the Zones of Moderate Impact where an environmental protection outcome (or an approved revised environmental protection outcome) is not being achieved; and f. any other information considered relevant by the proponent in support of its proposal to recommence all turbidity-generating activities that remain suspended after implementing condition 8-8. ii. shall, if an environmental protection outcome (or any approved revised environmental protection outcome) is not being achieved inside a Zone of Moderate Impact, include in the report required by condition 8-9(i), additional management actions proposed to be implemented so that the recommencement of turbidity-generating activities which are part of dredging and dredge spoil disposal activities: a. will not contribute to non-achievement of a revised environmental protection outcome proposed by the proponent in condition 8-9(i)(e) for that zone where an environmental protection outcome has not been achieved, having regard to the matters provided for in condition 8-9(i); and b. will ensure environmental protection outcomes set in conditions 8-1 (or any approved revised environmental protection outcome) continue to be achieved outside the Zones of Moderate Impact. iii. shall, if an environmental protection outcome (or any approved revised environmental protection outcome) is not being achieved outside the Zones of Moderate Impact (not including the Zone of High Impact), include in the report required by condition 8-9(i), additional management actions proposed to be implemented so that the recommencement of turbidity-generating activities which are part of dredging and dredge spoil disposal activities: a. will not contribute to further non-achievement of environmental protection outcomes set in conditions 8-1 or any approved revised						

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		environmental protection outcome; or b. will not cause non-achievement of a revised environmental protection outcome proposed by the proponent in condition 8-9(i)(e) to apply at those sites where an environmental protection outcome (or any approved revised environmental protection outcome) has not been achieved or there is strong evidence that non-achievement of an environmental protection outcome (or any approved revised environmental protection outcome) is expected as part of the same event; and c. will ensure the environmental protection outcomes set in conditions 8-1 (or any approved revised environmental protection outcome) continue to be achieved at all other sites and designated coral habitat(s).						
930:M8.10	Construction of Marine Infrastructure	The Minister may, having regard to the report submitted by the proponent under condition 8-9 and on the advice of the CEO, approve revised environmental protection outcome(s) to have effect for the purpose of condition 8-1 in which case the proponent may then recommence turbidity-generating activities which are part of dredging and dredge spoil disposal activities subject to the approved revised environmental protection outcome(s). The Minister may also, having regard to the report submitted by the proponent under condition 8-9, require the proponent to implement the additional management actions proposed in conditions 8-9(ii) and (iii) above, or other additional practicable management actions, as part of the approved Dredge Environmental Management Plan (condition 8-2).	Implementation of revised EPOs or management actions as appropriate	Revised DEMP Correspondence register	Construction	Prior to recommencing turbidity generating activities	NR	
930:M8.11	Construction of Marine Infrastructure	The proponent shall not conduct dredging and dredge spoil disposal activities during the period 3 days prior to the predicted commencement of mass coral spawning, or as soon as mass coral spawning is detected if prior to the predicted time, and those dredging activities are to remain suspended for 7 days from the commencement of mass coral spawning unless it supplies peer-reviewed scientific evidence that if those dredging activities were to continue during coral mass spawning events, any effect, if it were to occur, would not significantly impact the functional ecology of local and regional reefs and the CEO provides a written exemption of those dredging activities from the requirement to cease over the period specified or alters the period that dredging activities must cease.	Implement dredging shut-down or obtain written exemption from the CEO	Dredge log Monitoring report(s) Correspondence register	Construction	3 days prior to the predicted commencement of mass coral spawning, or immediately if mass coral spawning is detected, and 7 days from the commencement of mass coral spawning. Unless proponent acquires written exemption from CEO to cease or alter this period.	NR	
930:M8.12	Construction of Marine Infrastructure	The proponent shall undertake turbidity-generating activities which are part of the maintenance of the marine infrastructure listed in Schedule 1 to ensure that each of the environmental protection outcomes set in condition 8-1 (including any approved revised environmental protection outcomes) are achieved.	Monitoring of coral health to ensure achievement of appropriate EPOs. Implementation of management actions as required.	Monitoring reports Suspected Non-achievement of EPOs Reports Correspondence register	Construction	Ongoing.	NR	

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930:M8.13	Construction of Marine Infrastructure	If under condition 8-10 any revised environmental protection outcomes for conditions 8-1 are approved, and/or additional management actions are required to be implemented, those approved revised environmental protection outcomes and additional management actions required by the Minister under condition 8-10 shall have effect as if they were part of the approved Dredge Environmental Management Plan.	Implementation of revised EPOs or management actions as appropriate	Revised DEMP Correspondence register	Construction	Ongoing.	NR	
930:M8.14	Construction of Marine Infrastructure	The proponent shall ensure the construction of the jetty causeway, boat harbours and associated terrestrial infrastructure as described in Schedule 1 achieves the following environmental protection outcomes: i. no irreversible loss of, or serious damage to benthic habitats outside of the Zone of High Impact shown in Figures 4 and 5 and defined in Table 3 of Schedule 1; ii. protection of at least 70% of baseline live coral cover on each designated coral habitat within the Zone of Moderate Impact shown in Figures 4 and 5 of Schedule 1; and iii. no detectible net negative change to benthic habitats relative to the baseline state of those habitats outside of the Zones of High and Moderate Impact, shown in Figures 4 and 5 and defined in Table 4 of Schedule 1, unless and until, at a specified site(s) outside the Zones of Moderate Impact or specified designated coral habitat in the Zones of Moderate Impact, a revised environmental protection outcome has been approved by the Minister in accordance with condition 8-23 to have effect for that specified site(s) or specified designated coral habitat, in which case the approved revised environmental protection outcome for the specified site(s) or designated coral habitat shall be achieved in the construction of the nearshore and offshore marine facilities.	Implement monitoring and management actions in accordance with approved Port Marine Infrastructure Construction Monitoring and Management Plan (PMICMMP) following exceedance of the nominated monitoring triggers.	Correspondence register Monitoring reports	Construction	Ongoing.	NR	
930:M8.15	Construction of Marine Infrastructure	At least 6 months prior to the commencement of construction of the first stage of the jetty causeway, unless otherwise approved by the CEO, the proponent shall prepare a Port Marine Infrastructure Construction Monitoring and Management Plan (PMICMMP) that meets the objectives set out in condition 8-16 to be approved by the CEO.	Submission of PMICMMP to CEO, including summary of consultation	PMICMMP Correspondence register	Pre-construction	At least 6 months prior to the commencement of construction of the first stage of the jetty causeway.	NR	
930:M8.16	Construction of Marine Infrastructure	The objectives of the Port Marine Infrastructure Construction Monitoring and Management Plan are to ensure that construction of the jetty causeway, boat harbours and associated terrestrial infrastructure achieve the environmental protection outcomes set in condition 8-14; and i. minimising impacts of the construction of the rock causeway on coral and mangrove communities and fauna habitats around Anketell Point, Dixon Island and Bouguer Passage and No Name Bay; ii. maintaining the natural tidal regime in Bouguer Passage.	Preparation of PMICMMP in accordance with Condition 8.16	Approved PMICMMP	Overall	Ongoing	NR	
930:M8.17	Construction of Marine Infrastructure	The Port Marine Infrastructure Construction Monitoring and Management Plan shall include: i. descriptions of impact and reference monitoring sites, including key physical attributes,	Preparation of PMICMMP in accordance with	Approved PMICMMP	Pre-construction	At least 6 months prior to the commencement of construction of the	NR	

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		geographic locations and measures of the baseline condition of benthic communities to be monitored; ii. descriptions of the environmental indicators to be monitored and the environmental criteria for evaluating the achievement of the environmental protection outcomes set in condition 8-14 and the management objectives in condition 8-16; iii. the monitoring and data evaluation procedures to be applied so as to assess achievement of the environmental protection outcomes set in condition 8-14 and the management objectives in condition 8-16; iv. the monitoring methodologies to be applied to: a. measure relevant physical and chemical indicators (e.g. water currents, water quality conditions including turbidity, photosynthetically active radiation near the seabed and light attenuation coefficient, sediment production and deposition rates and contaminant concentrations) at sites and at a frequency to allow adaptive management during construction of the jetty causeway, boat harbours and associated terrestrial infrastructure; and b. measure relevant biological indicators (e.g. measures of live coral cover/coral mortality) with intervals between monitoring occasions at a frequency that informs adaptive environmental management of the jetty causeway, boat harbours and associated terrestrial infrastructure; v. define the metocean and other relevant conditions (e.g. turbidity) that determine when it is unsafe to undertake field monitoring and the contingencies that will be implemented if monitoring can not be undertaken; vi. a risk-based tiered approach that uses trigger values for relevant physical, chemical or biological indicators for managing the environmental impacts of construction activities to meet the objectives of the environmental protection outcomes of condition 8-14; vii. evidence demonstrating that the monitoring required to assess achievement of environmental protection outcomes set in condition 8-14 is based on tests using appropriate effect size(s) and has statistical power values of at least 0.8 (or alternative value(s) as approved by the CEO); viii. management actions that will be implemented in the event that the management triggers values for each tier set in condition 8-17(vi) are not met; and ix. requirements for timely reporting of monitoring data, management responses and contingency measures.	Condition 8.17			first stage of the jetty causeway.		
930:M8.18	Construction of Marine Infrastructure	The proponent shall provide relevant stakeholders with a draft copy of the Port Marine Infrastructure Construction Monitoring and Management Plan required under conditions 8-15, and provide those stakeholders a reasonable opportunity to comment on the plan before it is submitted to the CEO for approval under condition 8-15.	Provision of draft PMICMMP to relevant stakeholders (to be agreed with CEO) for review prior to submission to the CEO	Approved PMICMMP Correspondence register	Pre-construction	With reasonable opportunity for stakeholder comments, prior to submission of the Port Marine Infrastructure Construction Monitoring and Management Plan to	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
						the CEO.		
930:M8.19	Construction of Marine Infrastructure	The proponent shall implement the approved Port Marine Infrastructure Construction Monitoring and Management Plan required under condition 8-15 prior to construction commencing and make that plan publicly available in a manner approved by the CEO.	Implement monitoring programmes prior to commencement of marine construction. Approved PMICMMP uploaded to website, or otherwise published in accordance with CEO approval	Correspondence register Screenshot of website Monitoring reports (available on request)	Pre-construction	Implement the PMICMMP prior to construction commencing. Make the PMICMMP publically available within 7 days of being requested to do so.	NR	
930:M8.20	Construction of Marine Infrastructure	In the event that monitoring carried out under the approved Port Marine Infrastructure Construction Monitoring and Management Plan determines that any of the environmental protection outcomes set in conditions 8-14 (or any approved revised environmental protection outcome) are not being achieved by construction of the jetty causeway, boat harbours and associated terrestrial infrastructure, the proponent shall: i. immediately suspend all construction activities that may be contributing to the non-achievement; ii. within 24 hours of that suspension, report the non-achievement to the CEO and that it has suspended all the relevant construction activities; and iii. within 48 hours of that suspension, report to the CEO: a. the results of the monitoring that led to that suspension; b. the findings of investigations into the causes of the non-achievement of the environmental protection outcomes set in condition 8-14; c. the construction activities and metocean and other relevant conditions occurring at the time of the non-achievement of environmental protection outcomes set in condition 8-14 (or any approved revised environmental protection outcome); and d. the results of the most recent water, sediment and biological monitoring that is relevant to the environmental protection outcome that was not achieved.	Protocol for shut-down of construction activities Causeway Construction EPO Non-achievement Report Template Causeway Construction EPO Non-achievement Monitoring Report Template	Correspondence register	Construction	Immediately suspend all construction activities contributing to the non-achievement. Within 24 hours of suspension, report the non-achievement to the CEO. Within 48 hours of suspension report to the CEO on details listed under condition 8-20(iii)	NR	
930:M8.21	Construction of Marine Infrastructure	If, after suspending any turbidity-generating activities under condition 8-20, in the report required by condition 8-20(iii), the proponent: i. determines that environmental protection outcomes set in conditions 8-14 (or any approved revised environmental protection outcome) are being achieved; or ii. provides strong evidence that a particular construction activity did not cause the non-achievement, and the CEO concurs with the findings of the proponent's report, then the proponent may recommence turbidity-generating activities which are part of: iii. the construction of the jetty causeway, boat harbours or associated terrestrial infrastructure if condition 8-21(i) applies; or iv. the particular construction activities that are determined not to have caused the non-achievement if condition 8-21(ii) applies, consistent with relevant management plans.	Correspondence with the OEPA Recommence turbidity-generating activities as approved by CEO	Correspondence register	Construction	Following suspension of any turbidity-generating activities under condition 8-20, on approval from CEO	NR	
930:M8.22	Construction of Marine Infrastructure	If conditions 8-21(iii) and (iv) do not apply, and the proponent	Submission of report to	Correspondence register	Construction	Following suspension	NR	

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	Infrastructure	wishes to recommence the turbidity-generating activities which are suspended under condition 8-20, the proponent: i. shall submit to the Minister a report detailing the following: a. the results of the most recent environmental monitoring for all monitoring and reference sites, including identifying where an environmental protection outcome (or any approved revised environmental protection outcome) is not being achieved, and those sites where there is strong evidence that non-achievement of an environmental protection outcome (or any approved revised environmental protection outcome) is reasonably expected to be recorded as part of the same event; b. the construction activities which were being undertaken in the monitoring period prior to the environmental protection outcome (or an approved revised environmental protection outcome) not being achieved and until the time of suspension; c. the metocean and other relevant conditions as monitored in the most recent monitoring period prior to the environmental protection outcome (or an approved revised environmental protection outcome) not being achieved and until the time of suspension; d. the results of the most recent water, sediment and biological monitoring relevant to the environmental protection outcome that was not achieved; e. proposed revised environmental protection outcome(s) for the site(s) outside the Zones of Moderate Impact where an environmental protection outcome (or an approved revised environmental protection outcome) is not being achieved, and those sites where there is strong evidence that contravention of an environmental protection outcome (or an approved revised environmental protection outcome) is expected to be recorded as part of the same event, and or for the coral habitat(s) or site(s) inside the Zones of Moderate Impact where an environmental protection outcome (or an approved revised environmental protection outcome) is not being achieved, and/or for those sites where environmental protection outcomes 8-14 (or an approved revised environmental protection outcome) is not being achieved; and f. any other information considered relevant by the proponent in support of its proposal to recommence all construction activities that remain suspended after implementing condition 8-21; and ii. shall, if an environmental protection outcome in condition 8-14 (or any approved revised environmental protection outcome) is not being achieved outside the Zones of Moderate Impact (not including the Zone of High Impact), include in the report required by condition 8-22(i), additional management actions proposed to be implemented so that the recommencement of construction activities which are part of the jetty causeway, boat harbours or associated terrestrial infrastructure: a. will not contribute to further non-achievement of environmental protection outcomes set in conditions 8-14 or any	the Minister			of any turbidity-generating activities under condition 8-20 where condition 8-21 (iii) and (iv) do not apply.		

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		approved revised environmental protection outcome; or b. will not cause non-achievement of a revised environmental protection outcome proposed by the proponent in condition 8-22(i)(e) to apply at those sites where an environmental protection outcome (or any approved revised environmental protection outcome) has not been achieved or there is strong evidence that non-achievement of an environmental protection outcome (or any approved revised environmental protection outcome) is expected as part of the same event; and c. will ensure all environmental protection outcomes set in conditions 8-14 (or any approved revised environmental protection outcome) continue to be achieved at all other sites and coral habitat(s).						
930:M8.23	Construction of Marine Infrastructure	The Minister may, having regard to the report submitted by the proponent under condition 8-22 and on the advice of the CEO, approve revised environmental protection outcome(s) to have effect for the purpose of condition 8-14 in which case the proponent may then recommence construction activities which are part of the jetty causeway, boat harbours and associated terrestrial infrastructure subject to the approved revised environmental protection outcome(s). The Minister may also, having regard to the report submitted by the proponent under condition 8-22, require the proponent to implement the additional management actions proposed in conditions 8-22(ii) above, or other additional practicable management actions, as part of the approved Port Marine Infrastructure Construction Monitoring and Management Plan (condition 8-15).	Implementation of revised EPOs or management actions as appropriate	Revised PMICMMP Correspondence register	Construction	Following suspension of turbidity-generating activities under condition 8-20, where conditions 8-21 (iii) and (iv) do not apply, following approval from Minister on advice from the CEO.	NR	
930:M8.24	Construction of Marine Infrastructure	If under condition 8-23 any revised environmental protection outcomes for conditions 8-14 are approved, and/or additional management actions are required to be implemented, those approved revised environmental protection outcomes and additional management actions required by the Minister under condition 8-23 shall have effect as if they were part of the approved Port Marine Infrastructure Construction Monitoring and Management Plan.	Implementation of revised EPOs or management actions as appropriate	Revised PMICMMP Monitoring reports Correspondence register	Construction	Following approval from Minister on advice from the CEO	NR	
930:M9.1	Future Expansion of the Rock Causeway and Materials Offloading Facility (MOF)	Following the initial rock causeway development, the results of monitoring and management measures required under conditions 8-17 shall be assessed and the potential environmental impacts of the fully completed rock causeway and MOF reviewed, with particular regard to the coral habitat at the north east end of Dixon Island and the hydrodynamic conditions and benthic habitats in Bouguer Passage and used to inform, the design and implementation of subsequent expansion stages of the causeway.	Results of monitoring and management measures used to inform impact prediction and design and implementation of subsequent causeway stages	Monitoring reports Impact assessment Design documents	Overall	Following the initial rock causeway and prior to expansion of the causeway	NR	
930:M9.2	Future Expansion of the Rock Causeway and Materials Offloading Facility (MOF)	The proponent shall submit a report of the findings of condition 9-1 to the CEO with any proposed changes in the design and implementation of the subsequent expansion stages of the rock causeway and MOF necessary to ensure that the objectives of	Report findings of assessment required under Condition 9.2	Report to CEO	Overall	Upon completion of the initial rock causeway development and prior	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		condition 8-16 are achieved.				to the expansion of the causeway.		
930:M10.1	State of the Marine Environment Surveys	The proponent shall, within six months following the date of publication of this Statement, or prior to the commencement of any marine works that may impact the marine environment, whichever is sooner, prepare a draft Scope of State of the Marine Environment Surveys document in consultation with the DEC to the requirements of the CEO.	Prepare draft Scope of State of Marine Environment Surveys (SMES) document in consultation with DEC	Approved Scope of State of Marine Environment Surveys (SMES) document	Pre-construction	By 30 July 2013 or prior to the commencement of any marine works that may impact the marine environment, whichever is sooner.	CLD	
930:M10.2	State of the Marine Environment Surveys	The draft Scope of State of the Marine Environment Surveys document shall be set out in parts that detail the specific survey requirements to establish: i. the pre-development Baseline State of the Marine Environment; ii. the State of the Marine Environment at mid-term of marine works associated with the capital dredging program and construction of marine infrastructure; iii. the first post-development State of the Marine Environment within three months following completion of marine works associated with the capital dredging program and construction of marine infrastructure; and iv. considerations for scoping a second post-development State of the Marine Environment Survey.	Preparation of draft SMES document in accordance with Condition 10.2	Approved SMES document	Pre-construction	Ongoing	CLD	
930:M10.3	State of the Marine Environment Surveys	The draft Scope of State of the Marine Environment Surveys shall, having regard to requirements of condition 10-2, address but not necessarily be limited to: i. procedures and methods for the collection of quantitative environmental data for: a. water quality; b. hydrodynamic conditions including direction and velocity of water currents; c. the physical characteristics of native sediments and development-influenced sediments suspended in the water column and deposited on the benthos; d. the natural and development-influenced rates, and spatial and temporal patterns of sediment deposition; e. assessing sediment deposition influenced changes in the sediment characteristics with distance from the dredged channel and turning basin to the zone of moderate impact/influence boundary; f. the spatial extent, distribution, community composition (at a suitable taxonomic resolution to differentiate different communities), seasonality and condition of benthic habitats; and g. the preparation of benthic habitat maps at scales that will enable the identification of suitable marine turtle and marine mammal foraging habitats; and ii. timing for the implementation of the various surveys having regard for requirements of condition 10-2; and iii. timing and frequency of reporting.	Preparation of draft SMES document in accordance with Condition 10.3	Approved SMES document	Pre-construction	Ongoing	CLD	
930:M10.4	State of the Marine Environment Surveys	Within a timeframe not longer than three months prior to the commencement of marine works, the proponent shall implement the Pre-development Baseline component of the approved Scope of State of the Marine Environment Surveys document to the requirements of the CEO.	Implement Pre-development Baseline Survey to the requirements of the CEO	Correspondence with OEPA Pre-development Baseline Survey report	Pre-construction	Within three months prior to commencement of marine works	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
930:M10.5	State of the Marine Environment Surveys	At the time specified by the approved Scope of State of the Marine Environment Surveys document, the proponent shall implement the Mid-term component of the approved Scope of State of the Marine Environment Surveys document to the requirements of the CEO.	Implement Mid-term Survey to the requirements of the CEO	Correspondence with OEPA Mid-term Survey Report	Overall	At the time specified by the approved Scope of State of the Marine Environment Surveys	NR	
930:M10.6	State of the Marine Environment Surveys	At the time specified by the approved Scope of State of the Marine Environment Surveys document, the proponent shall implement the first Post-development component of the approved State of the Marine Environment Survey document to the requirements of the CEO.	Implement Post-development Survey to the requirements of the CEO	Correspondence with OEPA Post-development Survey Report	Overall	Time specified by approved scope of State of the Marine Environment Surveys	NR	
930:M10.7	State of the Marine Environment Surveys	No longer than 5 years following completion of marine works required for the construction of marine facilities, the proponent shall implement a second Post-development State of Marine Environment Survey to determine compliance with the environmental protection outcomes set in condition 8-1 and 8-14 (or any approved revised environmental protection outcome) to the requirements of the CEO. The scope of the second Post-development State of Marine Environment Survey shall have regard to condition 10-2 (iv) and the findings of the first Post-development State of Marine Environment Survey required by condition 10-6.	Implement second Post-development Survey	Correspondence with OEPA Second Post-development Survey Report	Overall	Within 5 years following completion of the marine works required for construction of marine facilities	NR	
930:M10.8	State of the Marine Environment Surveys	The proponent shall report the findings of the Pre-development Baseline State of Marine Environment Surveys required by condition 10-4, to the CEO within six months of having completed that survey.	Submission of Pre-development Baseline Survey report to CEO within six months of survey completion	Pre-development Baseline Survey report	Pre-construction	Within six months of completing the survey.	NR	
930:M10.9	State of the Marine Environment Surveys	The proponent shall report the findings of subsequent State of Marine Environment Surveys required by conditions 10-5, 10-6 and 10-7 and include in each report an appraisal of compliance with environmental protection outcomes required by condition 8-1 and 8-14 having regard to any relevant approved Revised Environmental Protection Outcome, to the CEO within four months of having completed each survey. A copy of this report is to be provided to the Department of Fisheries.	Submission of survey reports, including an assessment of compliance against the EPOs, within four months of survey completion, to CEO and the DoF	Mid-term, Post-development and second Post-development survey reports	Overall	Within four months of having completed each survey.	NR	
930:M11.1	Coastal Processes	The proponent shall ensure that design, construction and operation of the nearshore marine facilities (as defined in Schedule 1) achieve the following outcomes as far as is reasonably practicable as measured under a Coastal Habitat Management Plan approved by condition 11-2: i. minimise change to littoral sediment transport; ii. maintain the natural tidal regime within Bouguer Passage; and iii. maintain beach and dune integrity for turtle nesting purposes at all turtle nesting beaches potentially affected by the construction and operation of nearshore marine facilities, other than at Anketell Point (Figure 6).	Implement monitoring and management actions in accordance with approved Coastal Habitat Management Plan (CHMP) to ensure operation of nearshore marine facilities are in accordance with condition 11-1	Monitoring and survey reports	Overall	On-going.	NR	
930:M11.2	Coastal Processes	Prior to construction activities, the proponent shall revise the Coastal Habitat Management Plan (November 2010, Rev0) in	Revision of CHMP in consultation with DEC to	Approved CHMP	Pre-construction	Prior to construction activities.	NR	

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		consultation with the DEC to be approved by the CEO. The plan shall include: i. beach profiles at Anketell Point using on-ground surveys which monitor beach width and slope, particle grain size, and records significant inflection points and features including primary dune, vegetation line, scarp, high tide mark, water line; ii. tracking changes in sediment distribution and type within the near-shore area of Anketell Point and Bouguer Passage; iii. management triggers relevant to achieving the outcomes specified in condition 11-1; iv. management measures that will be implemented in the event that management triggers are likely to be exceeded; and v. a community liaison strategy to obtain feedback on impacts on recreational values.	be approved by the CEO	Correspondence register				
930:M11.3	Coastal Processes	The proponent shall implement the approved Coastal Habitat Management Plan referred to in condition 11-2.	Implement approved CHMP	Monitoring reports Compliance Assessment Reports	Overall	Ongoing.	NR	
930:M11.4	Coastal Processes	The proponent shall report any non-achievement of the management trigger referred to in condition 11-2, along with measures taken and/or proposed to be taken, and strategies to be implemented in response to the non-achievement, to the CEO within 21 days of the non-achievement being identified.	Coastal Processes 21 Day Potential Non-Compliance Report Template	Correspondence register	Overall	Within 21 days of the non-achievement being identified. Ongoing	NR	
930:M11.5	Coastal Processes	The proponent shall make the Plan required under condition 11-2 publicly available in a manner approved by the CEO.	CHMP uploaded to website, or otherwise published in accordance with CEO approval	Screenshot of website	Overall	Within 7 days of receiving a request to do so.	NR	
930:M12.1	Artificial Management – Light marine turtles	At all stages of the proposal including construction, operations and decommissioning, the proponent shall ensure that, other than at Anketell Point, all turtle nesting beaches as shown in Figure 6 are maintained in the shade at ground level or not subject to direct light exceeding 0.01 lux (± 0.005 lux accuracy) from Port infrastructure or activities during the turtle nesting and hatching seasons defined as October to March in any year.	Implement light monitoring and management in accordance with approved Light Management Plan (LMP)	Monitoring reports Compliance Assessment Reports	Overall	October to March in any year. Ongoing	NR	
930:M12.2	Artificial Management – Light marine turtles	The proponent shall develop, to the satisfaction of the CEO, and implement a Light Management Plan that includes marine turtle mitigation measures for avoidance, minimisation, monitoring and adaptive management for artificial light stressors during construction and operation of the proposal. This Plan must include the following Objectives: 1. address the long-term management of marine turtles that utilise the beaches identified in Figure 6 and other nesting beaches and waters where there are proposal related stressors; 2. establish a monitoring program to measure and detect changes to marine turtle populations that are potentially affected by artificial light related stressors; and 3. specify design features, management measures and operational controls to manage and where practicable, avoid adverse impacts on marine turtles with specific reference to reducing impacts from artificial	Implement approved LMP	Approved LMP Monitoring reports Compliance Assessment Reports	Overall	Ongoing	NR	

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930:M12.3	Artificial Light Management – marine turtles	light. The Light Management Plan required under condition 12-2 shall include the following: 1. report the baseline information on the population(s) of marine turtles that utilise habitats within and adjacent to the Anketell Point including those habitats identified in Figure 6, Delambre Island and Legendre Island and waters where there are proposal related light stressors; 2. identify the sources and location(s) of project related light stressors with the potential to cause adverse impacts on marine turtles; 3. define a monitoring program to measure and detect changes to marine turtle populations from artificial light; 4. specify design features, management measures and operating controls to manage artificial light, with the aim to avoid impacts on marine turtles, which include (but are not limited to): a. shrouding of lights or directional shading on marine and coastal infrastructure, ships and other vessels related to construction activities; b. marine vessel holding areas that aim to concentrate light effects from shipping in areas that will minimise light impacts on turtle nesting beaches and anchor damage in foraging habitats; c. low intensity and low elevation lighting; and d. motion sensors and timer devices; 5. annual audits and reviews of the effectiveness of lighting design features, management measures and operational controls; 6. performance indicators against which the achievement of the objectives of the Plan and the effectiveness of mitigation measures can be determined; 7. contingency management response should monitoring of performance indicators indicate that the objectives of the Plan are not being met; and 8. protocols to detect, rescue and release adult and hatchling turtles that are or have been mis-orientated or disorientated by artificial light attributed to the proposal.	Preparation of LMP in accordance with Condition 12.3	Approved LMP	Pre-construction	Ongoing	NR	
930:M12.4	Artificial Light Management – marine turtles	The proponent shall report any harm, injury or mortality of marine turtles or other threatened or specially protected fauna to the DEC within 24 hours following detection.	Marine Fauna 24 hour Incident Report Template	Correspondence register	Overall	Within 24 hours following detection. Ongoing	NR	
930:M13.1	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall engage dedicated Marine Fauna Observers who must: 1. demonstrate a knowledge of marine wildlife species in the Pilbara region, including Threatened and Migratory Species listed under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> , Wildlife Conservation (Specially Protected Fauna) Notice 2012), <i>Fish Resources Management Act 1994</i> and DEC priority listed species, and their behaviours; 2. have the capacity, subject to safety considerations, to move and make observations and other relevant records independently within the vicinity of marine construction activities (including pile driving and dredging); 3. be on duty during all daylight hours when pile-driving and/or dredging operations are conducted; and 4. maintain a log of: a. observations of cetaceans in a format consistent with the	Engage suitably trained Marine Fauna Observers in accordance with condition 13-1	Personnel Training Register (available on request) Marine Fauna Observation logs Compliance Assessment Reports	Overall	Ongoing	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		National Cetacean Sightings and Strandings Database; b. observations of marine fauna, including injured or dead fauna within 500 metres of the marine construction activities referred to in condition 13-1(2); c. observations of fauna behaviour, in particular any behaviour that could be interpreted as a display of disturbance or distress; d. management response by the proponent in relation to observation of disturbed or distressed fauna, and injured or dead fauna; and e. observation hours in relation to the duration of the pile driving and dredge activity.						
930:M13.2	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall within six months of completing pile driving operations, lodge cetacean records with the National Cetacean Sighting and Strandings Database at the Australian Antarctic Division and with the DEC.	Lodge cetacean records with the National Cetacean and Strandings Database (AAD) and DEC	Correspondence register Data transmittal	Overall	Within 6 months of completing pile driving operations.	NR	
930:M13.3	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	At least one member of the crew on each vessel undertaking construction activities (dredge, piling vessels) will be trained in marine fauna observations and mitigation measures, including the requirements of the Wildlife Conservation (Closed Season for Marine Mammals) Notice 1998, as amended or replaced from time to time, and maintain a watch and a log of fauna observed during transit and construction activity consisting of Global Positioning System coordinates, species (if known), and behaviour.	Trained crew on each construction vessel to maintain watch and keep log of fauna observed in accordance with condition 13-3	Marine Fauna Observation logs Training records available on request	Construction	During marine construction activities.	NR	
930:M13.4	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Logs required under condition 13-3 are to be submitted to the DEC on an annual basis at the same time as submitting the compliance assessment report required by condition 4-6.	Marine fauna observation logs submitted to DEC	Correspondence register Data transmittal	Construction	By 30 April annually.	NR	
930:M13.5	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Vessels engaged in construction of the nearshore or offshore marine facilities shall not exceed those speeds specified in the Marine Fauna Management Plan required under condition 13-12 or a speed designated by the Department of Transport or relevant Port Authority, whichever is lesser.	Construction vessels to adhere to nominated speed limits	Vessel logs	Construction	Ongoing during construction activities.	NR	
930:M13.6	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	No marine pile driving operations shall commence until the Marine Fauna Observer (or observers) required by condition 13-1 have verified that no cetacean(s) or dugong(s) have been observed within a radius of 1,500 metres or marine turtles within a radius of 300 metres from piling operations during the 20 minute period immediately prior to commencement of piling operations.	Implement piling management protocol in accordance with Condition 13.6	Marine Fauna Observation logs	Construction	Within 20 minutes prior to commencement of piling operations.	NR	
930:M13.7	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Prior to commencement of full power marine pile driving, the proponent shall implement soft start-up procedures that slowly increase the intensity of noise emissions over a period of no less than 15 minutes.	Implement soft start piling management protocol in accordance with Condition 13.7	Marine Fauna Observation logs	Construction	Prior to commencement of full power marine pile driving	NR	
930:M13.8	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	If the Marine Fauna Observer(s) required by condition 13-1, or any other person, observes a marine turtle enter within 100 metres of a piling operation, or cetacean or dugong within 500 metres of a piling operation, that piling operation is to be suspended.	Suspension of piling operations in the event that a marine turtle or cetacean enters the suspension zone	Marine Fauna Observation logs	Construction	Immediately following observation.	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
930:M13.9	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Marine pile driving that has been suspended in accordance with condition 13-8 shall not recommence until the cetacean or dugong has moved beyond 1,500 metres from the suspended piling operation or the marine turtle beyond 300 metres of their own accord, or the cetacean, dugong or marine turtle has not been observed within the exclusion zone for a period of 30 minutes. Marine pile driving that has been suspended for more than 15 minutes shall recommence with soft start-up procedures as required by condition 13-7.	Suspended piling operations not to recommence until marine turtle or cetacean has exited exclusion zone or has not been observed for 30 minutes	Marine Fauna Observation logs	Construction	Upon cetacean or dugong moving beyond 1,500 metres from piling operations or marine turtle moving beyond 300 metres, or cetacean, dugong or marine turtle has not been observed within the exclusion zone for a period of 30 minutes.	NR	
930:M13.10	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	No pile-driving shall occur between the hours of sunset and sunrise during: 1. the turtle nesting season defined as 20 October to 10 March in any year; or 2. the peak southern migration of mother and calf humpback whale pods defined as 1 September to 31 October in any year.	No piling to occur between sunrise and sunset during the turtle nesting season or peak of the southern humpback whale migration (as defined in Condition 13-10)	Marine Fauna Observation logs	Construction	No pile-driving between the hours of sunset and sunrise during 20 October to 10 March and 1 September to 31 October in any year.	NR	
930:M13.11	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Except during periods specified in 13-10(1) and (2) marine pile driving commenced prior to sunset can continue between the hours of sunset and sunrise, unless marine pile driving is suspended for more than 15 minutes.	Piling commenced prior to sunset may continue except during the turtle nesting or peak southern humpback whale migration periods, or following a suspension of greater than 15 minutes	Marine Fauna Observation logs	Construction	Except in time periods specified in 13-10, and if pile driving has been suspended for more than 15 minutes	NR	
930:M13.12	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	Prior to the commencement of construction and/or dredging and dredge spoil disposal activities, unless otherwise approved by the CEO, the proponent shall revise the <i>Marine Fauna Management Plan (December 2010, Rev 2)</i> , in consultation with the DEC to the satisfaction of the CEO. The objective of this Marine Fauna Management Plan is to ensure that the proponent constructs and operates the proposal so as to: 1. detect, avoid, or where this is not practicable, mitigate, impacts upon conservation significant marine fauna, from construction and operation of the proposal; 2. measure underwater noise from pile driving operations to establish a library of sound signals: a. at varying distances from the noise source; b. when driving piles of different sizes and types; c. during the concurrent piling of different numbers of piles; d. in conditions of different water depths; and e. in different driving conditions (substrate types); 3. review the predictive capacity of the noise propagation model used for the pile driving and make recommendations for improving the current management measures outlined in condition 13-1 and the accuracy of underwater noise modelling for future underwater noise	Revision of MFMP in consultation with DEC to the requirements of Condition 13.12	Approved MFMP	Pre-construction	Prior to the commencement of construction and/or dredging and dredge spoil disposal activities, unless otherwise approved by the CEO.	NR	

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Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		assessments; 4. include the following marine turtle monitoring and management elements: a. design features and operating procedures that will be used to minimise, as far as reasonably practicable, adverse impacts on marine turtles from dredging and spoil disposal activities; b. operating procedures that will be used to detect, record and report to the DEC injury or mortality to listed marine turtles from dredging or spoil disposal and activities; c. performance standards against which achievement of the objectives of this condition can be determined; and d. management triggers and management responses; 5. the proponent shall include the following in the Marine Fauna Management Plan required under condition 13-12: a. a description of the environmental stressors relating to the construction and operation of the marine components of the proposal which are likely to impact on conservation significant marine fauna. (environmental stressors may include, but are not limited to, noise, vibration, light spill and glow, vessel movements and strikes, dredge entrainment, and changes to coastal processes and water quality with the potential to impact on important marine fauna habitats); b. a description of design features and management actions which the proponent will implement to avoid, or where this is not practicable, mitigate impacts of the environmental stressors relating to the construction and operation of the marine components of the proposal on conservation significant marine fauna; and c. environmental performance standards to determine whether the design features and management actions are achieving the plan objectives referred to in condition 13-12.						
930:M13.13	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall implement the approved Marine Fauna Management required under condition 13-12.	Implementation of approved MFMP	Monitoring reports Compliance Assessment Reports	Overall	Ongoing.	NR	
930:M13.14	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall make the Marine Fauna Management Plan approved pursuant to condition 13-12 publicly available in a manner approved by the CEO.	MFMP uploaded to website, or otherwise published in accordance with CEO approval	Screenshot of website	Overall	Within 7 days of receiving a request to do so.	NR	
930:M13.15	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall review biannually the approved Marine Fauna Management Plan.	Bi-annual review of MFMP	Compliance Assessment Reports Review history within MFMP	Overall	Biannually.	NR	
930:M13.16	Marine Fauna Interaction – Marine Pile Driving, Dredging and Marine Construction Vessels	The proponent shall report to: 1. the CEO any non-achievement of the environmental performance standards referred to in condition 13-12 5 c and its recommendations for how the plan should be amended to ensure standards are achieved within 21 days of it having determined non-achievement; and 2. the DEC any natural or proposal attributable injury or mortality of conservation	Marine Fauna 21 Day Potential Non-Compliance Report Template Marine Fauna 24 hour Incident Report Template	Correspondence register Compliance Assessment Reports	Overall	Report to the CEO within 21 days of determining non-achievement. Report to the DEC within 24 hours of	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		significant marine fauna within 24 hours of the observation.				observing any natural or proposal-attributed injury or mortality of conservation significant marine fauna.		
930:M14.1	Operational Marine Environmental Quality	Prior to the completion of the construction of marine infrastructure described in the approved Marine Infrastructure Plan, and prior to the commencement of the shipment of product from the Port, the proponent must finalise a Port Operations Marine Environmental Monitoring and Management Plan in liaison with the Dampier Port Authority and approved by the CEO, and provide any spatial data in a format compatible with a GIS acceptable to the CEO.	Finalise Port Operations Marine Environmental Monitoring and Management Plan (POMEMMP) in consultation with the DPA to the satisfaction of the CEO Submit spatial data in GIS compatible format specified by the CEO	Final POMEMMP Data transmittal	Construction	Prior to completion of marine infrastructure and prior to the commencement of the shipment of product from the port.	NR	
930:M14.2	Operational Marine Environmental Quality	The objectives of the Port Operations Marine Environmental Monitoring and Management Plan will be to ensure that Port operational (e.g. discharges, ship movements, etc) and maintenance (e.g. dredging) activities are managed to achieve the following marine environmental protection outcomes: i. achievement of the environmental quality objectives and levels of ecological protection defined through condition 14-3(i) and described in Schedule 3 and shown in Figure 7; and ii. no detectible net negative change to benthic habitats relative to the baseline state of those habitats, outside of the Zones of High Impact, shown in Figures 4 and 5 and defined in Tables 3 of Schedule 1.	Preparation of POMEMMP in accordance with Condition 14.2	Approved POMEMMP	Overall	Ongoing.	NR	
930:M14.3	Operational Marine Environmental Quality	The Port Operations Marine Environmental Monitoring and Management Plan shall include: i. Map(s) spatially representing the Zone of high impact, the environmental quality objectives to be achieved and the levels of ecological protection referred to below consistent with Schedule 3: a. a Moderate Ecological Protection Area(s) (MEPA) defined as the area contained within 250 metres of the shipping berths and ship turning basin, and the area enclosed by the Marine Offloading Facility breakwaters; and b. a High Ecological Protection Area (HEPA) outside of the Moderate Ecological Protection Area, including the Shipping Channel; Note: Schedule 3 describes Environmental Quality Objectives and associated Levels of Ecological Protection and provides guidance on allowable levels of change and appropriate guidance on trigger values. ii. description of how the Port Operations Marine Environmental Monitoring and Management Plan complements and links with the Coastal Habitat Management Plan and the Marine Fauna Management Plan; iii. descriptions of the port	Preparation of POMEMMP in accordance with Condition 14.3	Approved POMEMMP	Overall	Ongoing.	NR	

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Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		operational and maintenance activities that could significantly impact the marine environment and the impact and reference monitoring sites relevant to these activities, including key physical attributes, geographic locations and measures of the baseline condition of benthic communities to be monitored; iv. descriptions of the environmental indicators to be monitored (physical, chemical and biological) and the environmental quality guidelines and standards that will be used in a risk-based tiered approach for assessing environmental performance against the environmental protection outcomes set in condition 14-2; v. the monitoring methodologies to be applied to measure the relevant environmental indicators; vi. the timing and frequency for monitoring the relevant environmental indicators at the different impact and reference sites to inform adaptive management of the identified port activities; vii. the monitoring and data evaluation procedures to be applied so as to assess achievement of the environmental protection outcomes set in condition 14-2; viii. management actions that will be implemented in the event that the management triggers values for each tier set in condition 14-3(iv) are not met; ix. a requirement for all port-related operational and maintenance activities and wastewater discharges to be managed with the objective of achieving the environmental protection outcomes established in condition 14-2; and x. a regular environmental performance monitoring and reporting schedule, including any contingency measures required to ensure achievement of the environmental quality objectives.						
930:M14.4	Operational Marine Environmental Quality	The proponent must only discharge wastewater to the marine environment through purpose-built outfalls.	No wastewater discharges beyond purpose-built outfalls	Compliance Assessment Reports	Overall	Ongoing.	NR	
930:M14.5	Operational Marine Environmental Quality	Wastewater treatment and wastewater discharge infrastructure must comply with contemporary best practice principles including modelling based on a specific port design, diffuser performance, effluent characteristics and toxicity, ambient water quality conditions and specific mitigation measures.	Best practice principles, modelling of initial dilution and toxicity and ambient conditions to inform wastewater discharge design	Works approval documentation	Overall	Ongoing.	NR	
930:M14.6	Operational Marine Environmental Quality	The proponent shall implement the approved Port Operations Marine Environmental Monitoring and Management Plan required under condition 14-1 prior to the commencement of the shipment of product from the Port.	Implement approved POMEMMP prior to first shipment of product	Monitoring reports Compliance Assessment Reports	Overall	Prior to commencement of the shipment of product from the port. Ongoing.	NR	
930:M14.7	Operational Marine Environmental Quality	In the event that monitoring carried out under the approved Port Operations Marine Environmental Monitoring and Management Plan determines that any of the environmental protection outcomes set in condition 14-2 are not being achieved, the proponent shall report the findings to the CEO as soon as practicable, but within five working days, along with a description	Reporting of non-achievement of EPOs to CEO as soon as practicable, but within 5 working days	Compliance Assessment Reports Non-compliance reporting	Overall	As soon as practicable within 5 working days. Ongoing	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		of the management actions to be taken to meet the required level of environmental quality.						
930:M15.1	Introduced Marine Pests	The proponent shall manage non-trading vessel activities and immersible equipment activities whilst engaged for the construction, operation, maintenance and decommissioning of the proposal so as to prevent the introduction of Introduced Marine Pests into State waters.	Implement approved Introduced Marine Pest Risk Assessment	Completed Risk Assessments Compliance Assessment Reports	Overall	Ongoing.	NR	
930:M15.2	Introduced Marine Pests	Prior to any non-trading vessels or immersible equipment entering the Port Area, the proponent shall prepare an Introduced Marine Pest Risk Assessment Procedure to the satisfaction of the CEO in consultation with the Department of Fisheries which includes but is not limited to the following: i. all factors to be considered in the risk assessment; ii. limits for unacceptable risk of introducing an Introduced Marine Pest; iii. a tool for performing Introduced Marine Pest Risk Assessments; and iv. measures to be implemented to reduce risks to an acceptable level, where the risk assessment identifies an unacceptable risk.	Preparation of Introduced Marine Pest Risk Assessment Procedure in consultation with DoF to the satisfaction of the CEO	Approved Introduced Marine Pest Risk Assessment Procedure	Pre-Construction	Prior to any non-trading vessels or immersible equipment entering the Port area. Ongoing	NR	
930:M15.3	Introduced Marine Pests	The proponent shall ensure that any non-trading vessels or immersible equipment are subject to an Introduced Marine Pest Risk Assessment, prior to entering or demobilising from the Port Area, in accordance with the Introduced Marine Pest Risk Assessment Procedure approved pursuant to condition 15-2.	All non-trading vessels and immersible equipment subject to Introduced Marine Pest Risk Assessment	Completed Risk Assessments Log of vessel movements into/out of Port Area Compliance Assessment Reports	Overall	Prior to entering or demobilising from the Port area. Ongoing	NR	
930:M15.4	Introduced Marine Pests	The proponent shall ensure that any Introduced Marine Pest Risk Assessment undertaken pursuant to condition 15-3 is recorded and that record is provided to the Department of Fisheries within seven days of the Introduced Marine Pest Risk Assessment being undertaken.	Record all Introduced Marine Pest Risk Assessments and provide records to DoF within seven days	Completed Risk Assessments Correspondence register	Overall	Submitted to the Department of Fisheries within 7 days of the Introduced Marine Pest Risk Assessment being undertaken. Ongoing	NR	
930:M15.5	Introduced Marine Pests	The proponent shall ensure that any non-trading vessel or immersible equipment that poses an unacceptable risk, as defined by the limits identified under condition 15-2ii, of introducing Introduced Marine Pests, as determined by an Introduced Marine Pest Risk Assessment undertaken pursuant to condition 15-3, does not enter the Port Area.	Implement approved Introduced Marine Pest Risk Assessment including measures to reduce risks to acceptable levels	Completed Risk Assessments Vessel logs	Overall	Ongoing.	NR	
930:M15.6	Introduced Marine Pests	Prior to any non-trading vessels or immersible equipment entering the Port Area, the proponent shall prepare an Introduced Marine Pests Monitoring Program to the satisfaction of the CEO in consultation with the Department of Fisheries that: i. is consistent with monitoring design, implementation and reporting standards as set out in the <i>National System for the Prevention and Management of Marine Pest Incursions (Marine Intergovernmental Agreement, April 2005)</i> ; ii. includes a minimum monitoring frequency of once	Prepare Introduced Marine Pests Monitoring Program (IMPMP) in consultation with DoF to the satisfaction of the CEO	Approved IMPMP	Pre-construction	Prior to any non-trading vessels or immersible equipment entering the Port area. Ongoing	NR	

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		every two years and/or consistent with the <i>National System for the Prevention and Management of Marine Pest Incursions (Marine Intergovernmental Agreement, April 2005)</i> ; and iii. requires opportunistic sampling and analysis of specimens removed during port, vessel and immersible equipment monitoring activities.						
930:M15.7	Introduced Marine Pests	The proponent shall implement the Introduced Marine Pests Monitoring Program approved pursuant to condition 15-6, or amended versions approved by the CEO for the life of the proposal, prior to any entry to the Port Area by a non-trading vessel or immersible equipment.	Implementation of approved IMPMP prior to commencement of marine construction	Monitoring reports Compliance reports	Overall	Prior to any entry to the Port area by a non-trading vessel or immersible equipment. Ongoing	NR	
930:M15.8	Introduced Marine Pests	The proponent shall provide the results of monitoring undertaken pursuant to condition 15-7 to the CEO and the Department of Fisheries annually.	Annual reporting of monitoring results to CEO and DoF	Monitoring reports Correspondence register	Overall	To the CEO and the Department of Fisheries annually. Ongoing	NR	
930:M15.9	Introduced Marine Pests	Prior to any non-trading vessel or immersible equipment entering the Port Area, the proponent shall prepare an Introduced Marine Pest Management Strategy to the satisfaction of the CEO in consultation with the Department of Fisheries, to prevent wherever practicable, the establishment and proliferation of any Introduced Marine Pest, aiming to control and potentially eradicate that Introduced Marine Pest, and to minimise the risk of that Introduced Marine Pest being transferred to other locations within Western Australia.	Prepare Introduced Marine Pest Management Strategy in consultation with DoF to the satisfaction of the CEO	Approved Introduced Marine Pest Management Strategy	Pre-construction	Prior to any non-trading vessel or immersible equipment entering the Port area. Ongoing	NR	
930:M15.10	Introduced Marine Pests	The proponent shall notify the CEO, Department of Fisheries and any relevant Port Authority: i. within 24 hours following initial detection of a suspected Introduced Marine Pest; and ii. within 24 hours following subsequent analysis and confirmation of species identification of the suspected Introduced Marine Pest.	IMP 24 hour Incident Report Template Notify CEO, DoF and relevant port authority within 24 hours of confirmation of species identification	Correspondence register	Overall	Notify the CEO, Department of Fisheries and relevant Port Authority within 24 hours of initial detection and subsequent analysis and confirmation of suspected Introduced Marine Pests. Ongoing	NR	
930:M15.11	Introduced Marine Pests	In the event that any Introduced Marine Pests are suspected or detected, the proponent shall, in consultation with the Department of Fisheries and the CEO implement the Introduced Marine Pests Management Strategy.	Implement Marine Pests Management Strategy	Correspondence register	Overall	Ongoing.	NR	
930:M15.12	Introduced Marine Pests	The proponent is to submit a report detailing the outcomes of any implementation of the Introduced Marine Pests Management Strategy to the Department of Fisheries and the CEO within 30 days of the commencement of the implementation of the Introduced Marine Pests Management Strategy (IMPMS) and thereafter as required by the CEO in consultation with the Department of Fisheries.	Submit Marine Pests Management Strategy implementation report to the CEO, DoF within 30 days	Marine Pests Management Strategy implementation report Correspondence register	Overall	Within 30 days of the commencement of the implementation of the IMPMS. Ongoing	NR	

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Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
930:M16.1	Decommissioning	At least six months prior to the anticipated date of closure, the proponent shall prepare a decommissioning plan that meets the following decommissioning criteria, subject to the approval of the CEO: 1. removal or, if agreed in writing by the appropriate regulatory authority, retention of plant and infrastructure agreed in consultation with relevant stakeholders; 2. rehabilitation of all disturbed areas to a standard suitable for the new land use(s) as agreed pursuant to the consultation referred to in condition 16-1(1); and 3. identification of contaminated areas, including provision of evidence of notification and proposed management measures to relevant statutory authorities.	Prepare Decommissioning Plan in accordance with Condition 16.1 to be approved by the CEO	Approved Decommissioning Plan	Overall	At least six months prior to the anticipated date of closure.	NR	
930:M17.1	Consultation with Relevant Stakeholders	The Proponent shall provide evidence to the CEO that relevant stakeholders, including Traditional owners, have been consulted about the terrestrial facilities and disturbance footprint; been given a reasonable opportunity to comment and how their comments have been addressed.	Reporting of consultation, including outcomes, to CEO	Correspondence register Workshop or meeting records	Pre-construction	Prior to construction.	NR	
930:M17.2	Consultation with Relevant Stakeholders	The proponent shall consult with the relevant stakeholders as appropriate regarding plans and programs required by other conditions in this Statement as agreed by the CEO prior to endorsement of each plan or program by the CEO and prior to implementation of each plan or program.	Consultation with relevant stakeholders regarding plans and programs	Correspondence register Draft plans and programs including summary of consultation Approved plans and programmes	Overall	Prior to CEO endorsement of each plan or program and prior to the implementation of each plan or program.	C	
930:M18.1	Staging of Plans	Where a plan, program, report or survey is required by the implementation conditions of this Statement to be prepared and approved prior to the commencement of an activity, it is required that the plan, strategy, report or survey can be prepared and approved as per the relevant condition requirements for a component or stage of the activity, allowing staged implementation.	Preparation of each plan, program, report or survey in accordance with relevant condition(s) to allow staged implementation as required.	Approved plan, program, report or survey	Overall	Ongoing.	C	
930:M19.1	Review of Plans	If the proponent amends any plan, program, report or strategy or other document required by the implementation conditions of this Statement, the proponent must implement the amended plan from the date of the amendment.	Implement most recent version of any plan, program, report or strategy	Correspondence register Compliance Assessment Reports Approved plans and programmes	Overall	Ongoing.	NR	
930:M19.2	Review of Plans	If any plan, program, report or strategy is required to be to the satisfaction of the CEO under the implementation conditions of this Statement, the proponent may only make a significant amendment to the plan, program, report or strategy if the amendment is acknowledged by the CEO in writing as being to the CEO's satisfaction. Significant amendments are those amendments which alter the obligations of the proponent, that is, are not minor or administrative.	Approval of significant document amendment(s) by CEO	Approved plans and programmes Correspondence register	Overall	Ongoing.	NR	
930:M20.1	Residual impact and risk management measures	In order to mitigate for significant residual impacts and risks (permanent and temporary) of the proposal to marine benthic habitat, mangroves, significant marine and terrestrial fauna, the	Undertake residual impact and risk management measures	Funding plans Correspondence register	Overall	Ongoing.	NR	

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Proposal Name: ANKETELL POINT PORT DEVELOPMENT, ANTONYMYRE, SHIRE OF ROEBOURNE

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		proponent shall undertake the following residual impact and risk management measures, consistent with financial, governance and accountability arrangements described in Schedule 4 (proponent residual impact and risk management measures – Anketell Point Port Development), unless otherwise agreed with the CEO.	as detailed in Schedule 4					
930:M20.2	Residual impact and risk management measures	The proponent will contribute funds to relevant scientific research, on the basis described in Schedule 4 (Project A). The aim of the project is to add to the understanding and management of the impacts and risks to conservation significant marine fauna (i.e. whales, dugongs, dolphins, sea turtles) from marine and coastal development in the Pilbara region. Within the timeframe specified in Schedule 4, unless otherwise approved by the CEO, the proponent, in consultation with the DEC, will submit a plan to fund relevant research, for approval by the CEO.	Submit funding plan, in consultation with DEC, for approval by the CEO.	Correspondence register	Overall	Submit a plan to fund relevant research at least 18 months prior to port marine infrastructure construction commencing or otherwise approved by the CEO.	NR	
930:M20.3	Residual impact and risk management measures	The proponent will fund studies to improve the understanding of impact of marine noise on marine mammal behaviour, on the basis described in Schedule 4 (Project B). The aim of the project is to add to the understanding and management of the impacts of noise from marine construction activities on marine mammal behaviour. At least six months prior to port marine infrastructure construction commencing or unless otherwise approved by the CEO, the proponent will submit a plan to fund relevant research.	Submit funding plan at least six months prior to port marine infrastructure construction commencing	Funding plan Correspondence register	Pre-construction	Submit a plan to fund relevant research at least 6 months prior to port marine infrastructure construction commencing or otherwise approved by the CEO.	NR	
930:M20.4	Residual impact and risk management measures	The proponent will contribute to the Western Australian Marine Science Institution (WAMSI) Dredging Science Node, on the basis described in Schedule 4 (Project C). The aim of the project is to enhance the capacity of Government and the private sector to predict and manage the environmental impacts of dredging on tropical marine communities in Western Australia. Within the timeframe specified in Schedule 4 or unless otherwise approved by the CEO, the proponent will enter into a contract with the Centre Agent for WAMSI to fund the Dredging Science Node.	Contract with WAMSI to fund Dredging Science Node	Contract Correspondence register	Overall	Commencing at least 6 months prior to port marine infrastructure construction commencing or otherwise approved by the CEO.	NR	
930:M20.5	Residual impact and risk management measures	The proponent will contribute to management and recovery and research for the <i>Wildlife Conservation (Specially Protected Fauna) Notice 2012</i> Schedule 1 species <i>Lerista neviniae</i> , on the basis described in Schedule 4 (Project D). The aim of the project is to provide for active management and recovery and to improve understanding of the ecology, population genetics and habitat requirements of the species. Within the timeframe specified in Schedule 4, or otherwise approved by the CEO, the proponent will submit a plan to fund relevant research developed in consultation with DEC for the approval of the CEO.	Submit funding plan, in consultation with DEC, for approval by the CEO.	Funding plan Correspondence register	Overall	Commencing at least 6 months prior to port marine infrastructure construction commencing or otherwise approved by the CEO.	NR	
930:M20.6	Residual impact and risk management measures	The proponent will contribute to management of Dixon Island, on the basis described in Schedule 4 (Project E). The aim of the project is to improve conservation outcomes on Dixon Island. At least six months prior to port marine infrastructure construction	Submit funding plan, in consultation with DEC, at least six months prior to port marine infrastructure	Correspondence register	Overall	Commencing at least 6 months prior to port marine infrastructure construction	NR	

AUDIT TABLE

Proposal Name: ANKETELL POINT PORT DEVELOPMENT, ANTONYMYRE, SHIRE OF ROEBOURNE

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		commencing or unless otherwise approved by the CEO, the proponent will submit a plan to fund relevant management activities developed in consultation with DEC.	construction commencing			commencing or otherwise approved by the CEO.		
930:M20.7	Residual impact and risk management measures	The proponent shall make publicly available, in a manner approved by the CEO, all conservation and research outcomes from Projects A, B, C, D and E.	Conservation and research outcomes from Projects A, B, C, D and E uploaded to API website or published within peer reviewed literature	Screenshot of website Correspondence register	Overall	Within 7 days of being requested to do so.	NR	
930:M20.8	Residual impact and risk management measures	The CEO may approve redirection of all or part of the financial contributions from Projects A, B, C, D or E to another project identified in condition 19 if the proponent and the CEO, in consultation with DEC, agree that better environmental outcomes may be achieved.	Redirection of funds if agreed by the proponent and the CEO	Revised funding plans Correspondence register	Overall	Ongoing.	NR	
930:M20.9	Residual impact and risk management measures	The real value of funds described in Schedule 4 will be maintained through indexation to the Perth consumer price index (CPI), commencing at the date of this Statement, unless otherwise agreed by the CEO. All funds referred to in Schedule 4 are exclusive of GST.	Maintenance of funding value through indexation to Perth consumer price index	Funding plans Compliance Assessment Reports	Overall	Ongoing.	NR	