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Published on: 15 September 2025

Statement No. 1255

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(Environmental Protection Act 1986)

SOUTH THOMSON DEVELOPMENT BARGE LANDING PROJECT

Proposal: The proposal is to extend and redevelop the existing Army Groyne into a barge operations facility in South Thomson Bay at Wadjemup / Rottnest Island.

The proposal includes construction and operation of a wharf, breakwater, barge turning circle, landing ramp, ferry berth, small craft landing and laydown area. The proposal also includes construction of an onshore hardstand and storage facility, and upgrades to the onshore access road.

Proponent: Rottnest Island Authority
Australian Business Number 388 361 601 72

Proponent address: 1 Mews Road
Fremantle

Assessment number: 2487

Report of the Environmental Protection Authority: 1783

Introduction: Pursuant to section 45 of the *Environmental Protection Act 1986*, it has been agreed that the proposal entitled South Thomson Development Barge Landing Project described in the 'Proposal Content Document' attachment of the referral of 23 August 2024, may be implemented and that the implementation of the proposal is subject to the following implementation conditions and procedures:

Conditions and procedures:

Part A: Proposal extent

Part B: Environmental outcomes, prescriptions and objectives

Part C: Environmental management plans and monitoring

Part D: Compliance and other conditions

PART A: PROPOSAL EXTENT

A1 Limitations and Extent of Proposal

A1-1 The proponent must ensure that the proposal is implemented in such a manner that the following maximum extents are not exceeded:

Proposal element	Location	Maximum extent
Physical elements		
Development envelope	Figure 1	4.83 ha
Marine disturbance footprint	Within the development envelope	3.27 ha
Terrestrial disturbance footprint	Within the development envelope	1.0 ha
Wharf and laydown area including breakwater	Within the marine disturbance footprint	1.13 ha
Construction Elements		
Construction Dredging	Within the marine disturbance footprint	1.02 ha and up to 16,017 cubic metres (m ³) of dredge material
Operational elements		
Maintenance Dredging	Figure 1	Within the development envelope

PART B – ENVIRONMENTAL OUTCOMES, PRESCRIPTIONS AND OBJECTIVES

B1 Benthic Communities and Habitats

B1-1 The proponent shall ensure implementation of the proposal achieves the following environmental outcomes:

- (1) no **irreversible loss of benthic communities** outside of the **Zone of high impact**, as shown in Figure 2;
- (2) impacts to **benthic communities** within the **Zone of moderate impact**, as shown in Figure 2, recover within five (5) years; and
- (3) no **detectable** change from the baseline state of **benthic communities** outside of the **Zone of moderate impact**, as shown in Figure 2.

B1-2 The proponent must review and revise the Dredging Environmental Monitoring and Management Plan (March 2025) (environmental management plan), that satisfies the requirements of condition C4 and demonstrates how the achievement of the **benthic communities** outcomes in condition B1-1 will be monitored and substantiated, and submit to the **CEO**.

B2 Marine Environmental Quality

B2-1 The proponent must ensure the implementation of the proposal achieves the following environmental outcomes:

- (1) no **adverse impacts** on the **marine environmental values** of Ecosystem Health, Fishing and Aquaculture, Recreation and Aesthetics, Cultural and Spiritual;
- (2) within two (2) weeks following **cessation of marine construction activities**, water quality will return to a level of **High Ecological Protection**; and
- (3) the level of ecological protection to be achieved inside of the **High Ecological Protection Area**, within the **development envelope** as shown in Figure 3, is consistent with the corresponding level of ecological protection described in Appendix 1, Table 1 of the **Marine Water Quality Technical Guidance**, including the method used to derive **Environmental quality guidelines** and **Environmental quality standards**.

B2-2 The proponent shall not conduct dredging or reclamation activities during the period 1 September to 31 May (inclusive), unless otherwise agreed in writing by the **CEO**.

B2-3 The proponent must review and revise the Dredging Environmental Monitoring and Management Plan (March 2025) (environmental management plan), to satisfy the requirements of condition C4 and demonstrate how the achievement

of the marine environmental quality environmental outcome in condition B2-1(2) will be monitored and substantiated during dredging activities, and submit to the **CEO**.

- B2-4 The proponent must review and revise Table 6 and Appendix B.1 of the Operations Environmental Management Plan (March 2025) (environmental management plan), to satisfy the requirements of condition C4 and demonstrate how the achievement of the marine environmental quality environmental outcome in conditions B2-1(1) and B2-1(3) will be monitored and substantiated during operations, and submit to the **CEO**.

B3 Marine Fauna

- B3-1 The proponent must undertake the following activities:

- (1) implement measures to minimise entrainment and entanglement impacts to **significant marine fauna** during dredging;
- (2) implement noise management procedures to avoid temporary and permanent changes to hearing sensitivity in **significant marine fauna** and minimise behavioural responses during piling, dredging and rock dumping;
- (3) soft start-up procedures for a period of at least thirty (30) minutes prior to the commencement of each pile driving event;
- (4) pile driving activities to take place during daylight hours only;
- (5) engage a suitably trained and experienced marine fauna observer who has a demonstrated knowledge of **significant marine fauna** in the south-west marine bioregion to undertake observations in the observation zones required by condition B3-1(6) and exclusion zones required by condition B3-1(7);
- (6) implement observation zones consisting of at least an 850 metre radius for cetaceans and at least a 600 metre radius for pinnipeds/sea-turtles/little penguins from the noise emitting source whereby a marine fauna observer must undertake **significant marine fauna** observations for a minimum of thirty (30) minutes prior to the commencement of dredging, rock dumping and pile driving and at all times during dredging, rock dumping and pile driving activities;
- (7) implement exclusion zones consisting of at least a 600 metre radius for cetaceans and at least a 300 metre radius for pinnipeds/sea-turtles/little penguins from the noise emitting source whereby:

- (a) dredging, rock dumping and pile driving cannot commence should a **significant marine fauna** be within the relevant exclusion zone; and
- (b) dredging, rock dumping and pile driving activities are to cease should a **significant marine fauna** enter the relevant exclusion zone and are not to recommence until the **significant marine fauna** have moved outside the relevant exclusion zone;
- (8) maintain a log of recorded sightings, locations and behaviours indicative of stress or **disturbance** of cetaceans, and submit these to the **National Marine Mammal Data Portal**; and
- (9) document and report to relevant regulators any incidents relating to **significant marine fauna** injury/mortality.

B4 Introduced Marine Pests

B4-1 The proponent shall ensure the implementation of the proposal achieves the following environmental outcome:

- (1) no introduction of **marine pests** as a result of the proposal.

B4-2 To achieve the environmental outcome in condition B4-1, the proponent shall develop and implement procedures for managing all vessels and immersible equipment prior to mobilisation and during the proposal consistent with the requirements of the Department of Primary Industries and Regional Development.

B5 Coastal Processes and Marine Fauna

B5-1 The proponent must implement the proposal to meet the following environmental objective:

- (1) minimise the potential **adverse impacts** on **amenity** and public recreational use from **persistent accumulation of seagrass wrack** as a result of the proposal.

B5-2 The proponent must implement the proposal to meet the following environmental outcome:

- (1) no **disturbance** of actively nesting **fairy terns** between the **development envelope** and Phillip Point.

B5-3 The proponent shall not undertake wrack or sediment disposal activities within the **fairy tern exclusion zone** between 1 October and 31 March inclusive.

B5-4 The proponent must implement section 5.4 and Appendix B.3 of the Operations Environmental Management Plan (March 2025 as revised in accordance with

condition B2-4) (environmental management plan) with the purpose of ensuring the environmental objective in condition B5-1 is achieved for the life of the proposal.

B6 Flora and Vegetation

B6-1 The proponent must:

- (1) implement hygiene protocols consistent with the *Management of Phytophthora cinnamomi for Biodiversity Conservation in Australia, Part 2 National Best Practice Guidelines*, as amended or replaced from time to time;
- (2) undertake weed control and management during **construction activities** to prevent the introduction or spread of **environmental weeds**; and
- (3) ensure cleared areas are stable and not prone to erosion.

PART C – ENVIRONMENTAL MANAGEMENT PLANS AND MONITORING

C1 Environmental Management Plans: Conditions Related to Commencement of Implementation of the Proposal

C1-1 The proponent must not commence:

- (1) **marine construction activities** until the **CEO** has confirmed in writing that the Dredging Environmental Monitoring and Management Plan (environmental management plan) required by condition B1-2 and condition B2-3 meets the requirements of those conditions and condition C4; and
- (2) **operations** until the **CEO** has confirmed in writing that the Operations Environmental Management Plan (environmental management plan) required by condition B2-4 and condition B5-4 meets the requirements of those conditions and condition C4.

C2 Environmental Management Plans: Conditions Relating to Approval, Implementation, Review and Publication

C2-1 Upon being required to implement an environmental management plan under Part B, or after receiving notice in writing from the **CEO** under condition C1-1 that the environmental management plan(s) required in Part B satisfies the relevant requirements, the proponent must:

- (1) implement the most recent version of the **confirmed** environmental management plan; and
- (2) continue to implement the **confirmed** environmental management plan referred to in condition C2-1(1), other than for any period which the **CEO** confirms by notice in writing that it has been demonstrated that the relevant requirements for the environmental management plan have been met, or are able to be met under another statutory decision-making process, in which case the implementation of the environmental management plan is no longer required for that period.

C2-2 The proponent:

- (1) may review and revise a **confirmed** environmental management plan provided it meets the relevant requirements of that environmental management plan, including any consultation that may be required when preparing the environmental management plan;
- (2) must review and revise a **confirmed** environmental management plan and ensure it meets the relevant requirements of that environmental management plan, including any consultation that may be required when

preparing the environmental management plan, as and when directed by the **CEO**; and

- (3) must revise and submit to the **CEO** the **confirmed** environmental management plan if there is a material risk that the outcomes or objectives it is required to achieve will not be complied with, including but not limited to as a result of a change to the proposal.

C2-3 Despite condition C2-1, but subject to conditions C2-4 and C2-5, the proponent may implement minor revisions to an environmental management plan if the revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C2-4 If the proponent is to implement minor revisions to an environmental management plan under condition C2-3, the proponent must provide the **CEO** with the following at least twenty (20) business days before it implements the revisions:

- (1) the revised environmental management plan clearly showing the minor revisions;
- (2) an explanation of and justification for the minor revisions; and
- (3) an explanation of why the minor revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C2-5 The proponent must cease to implement any revisions which the **CEO** notifies the proponent (at any time) in writing may not be implemented.

C2-6 **Confirmed** environmental management plans, and any revised environmental management plans under condition C2-4(1), must be published on the proponent's website and provided to the **CEO** in electronic form suitable for on-line publication by the Department of Water and Environmental Regulation within twenty (20) business days of being implemented, or being required to be implemented (whichever is earlier).

C3 Conditions Related to Monitoring

C3-1 The proponent must undertake monitoring capable of:

- (1) substantiating whether the proposal limitations and extents in Part A are exceeded; and
- (2) **detecting** and substantiating whether the environmental outcomes and objectives identified in Part B are achieved (excluding any environmental

outcomes or objectives in Part B where an environmental management plan is expressly required to monitor achievement of that outcome or objective).

C3-2 The proponent must submit as part of the Compliance Assessment Report required by condition D2, a compliance monitoring report that:

- (1) outlines the monitoring that was undertaken during the implementation of the proposal;
- (2) identifies why the monitoring was capable of substantiating whether the proposal limitation and extents in Part A are exceeded;
- (3) for any environmental outcomes and objectives to which condition C3-1(2) applies, identifies why the monitoring was scientifically robust and capable of **detecting** whether the environmental outcomes and objectives in Part B are met;
- (4) outlines the results of the monitoring;
- (5) reports whether the proposal limitations and extents in Part A were exceeded and (for any environmental outcomes and objectives to which condition C3-1 (2) applies) whether the environmental outcomes and objectives in Part B were achieved, based on analysis of the results of the monitoring; and
- (6) reports any actions taken by the proponent to remediate any potential non-compliance.

C4 Environmental Management Plans: Conditions Relating to Monitoring and Adaptive Management for Outcomes Based Conditions

C4-1 The environmental management plans required under condition B1-2, condition B2-3 and condition B2-4 must contain provisions which enable the substantiation of whether the relevant outcomes of those conditions are met, and must include:

- (1) **threshold criteria** that provide a limit beyond which the environmental outcomes are not achieved;
- (2) **trigger criteria** that will provide an early warning that the environmental outcomes are not likely to be met;
- (3) relevant to B2-4 the **Environmental quality standards** and **Environmental quality guidelines** to protect the **marine environmental values** and levels of ecological protection, including the methodology used to derive site-specific **Environmental quality standards** and **Environmental quality guidelines**;

- (4) monitoring parameters, sites, control/reference sites, methodology, timing and frequencies which will be used to measure **Environmental quality standards** or **threshold criteria**; and **Environmental quality guidelines** or **trigger criteria**. Include methodology for determining alternate monitoring sites as a contingency if proposed sites are not suitable in the future;
 - (5) baseline data;
 - (6) data collection and analysis methodologies;
 - (7) adaptive management methodology;
 - (8) **contingency measures** which will be implemented if **Environmental quality standards** or **threshold criteria**; and **Environmental quality guidelines** or **trigger criteria** are not met; and
 - (9) reporting requirements.
- C4-2 Without limiting condition C3-1, failure to achieve an environmental outcome, or the exceedance of a **threshold criteria**, regardless of whether threshold **contingency measures** have been or are being implemented, represents a non-compliance with these conditions.

PART D – COMPLIANCE, TIME LIMITS, AUDITS AND OTHER CONDITIONS

D1 Non-compliance Reporting

D1-1 If the proponent becomes aware of a potential non-compliance, the proponent must:

- (1) report this to the **CEO** within seven (7) days;
- (2) implement **contingency measures**;
- (3) investigate the cause;
- (4) investigate environmental impacts;
- (5) advise rectification measures to be implemented;
- (6) advise any other measures to be implemented to ensure no further impact;
- (7) advise timeframe in which contingency, rectification and other measures have and/or will be implemented; and
- (8) provide a report to the **CEO** within twenty-one (21) days of being aware of the potential non-compliance, detailing the measures required in conditions D1-1(1) to D1-1(7) above.

D1-2 Failure to comply with the requirements of a condition, or with the content of an environmental management plan required under a condition, constitutes a non-compliance with these conditions, regardless of whether the **contingency measures**, rectification or other measures in condition D1-1 above have been or are being implemented.

D2 Compliance Reporting

D2-1 The proponent must provide an annual Compliance Assessment Report to the **CEO** for the purpose of determining whether the implementation conditions are being complied with.

D2-2 Unless a different date or frequency is approved by the **CEO**, the first annual Compliance Assessment Report must be submitted within fifteen (15) months of the date of this Statement, and subsequent reports must be submitted annually from that date.

D2-3 Each annual Compliance Assessment Report must be endorsed by the proponent's Chief Executive Officer, or a person approved by proponent's Chief Executive Officer to be delegated to sign on the Chief Executive Officer's behalf.

D2-4 Each annual Compliance Assessment Report must:

- (1) state whether each condition of this Statement has been complied with, including:
 - (a) exceedance of any proposal limits and extents;
 - (b) achievement of environmental outcomes;
 - (c) achievement of environmental objectives;
 - (d) requirements to implement the content of environmental management plans;
 - (e) monitoring requirements;
 - (f) implement **contingency measures**;
 - (g) requirements to implement adaptive management; and
 - (h) reporting requirements;
- (2) include the results of any monitoring (inclusive of any raw data) that has been required under Part C in order to demonstrate that the limits in Part A, and any outcomes or any objectives are being met;
- (3) provide evidence to substantiate statements of compliance, or details of where there has been a non-compliance;
- (4) include the corrective, remedial and preventative actions taken in response to any potential non-compliance;
- (5) be provided in a form suitable for publication on the proponent's website and online by the Department of Water and Environmental Regulation; and
- (6) be prepared and published consistent with the latest version of the Compliance Assessment Plan required by condition D2-5 which the **CEO** has confirmed by notice in writing satisfies the relevant requirements of Part C and Part D.

D2-5 The proponent must prepare a Compliance Assessment Plan which is submitted to the **CEO** at least six (6) months prior to the first Compliance Assessment Report required by condition D2-2, or prior to implementation of the proposal, whichever is sooner.

D2-6 The Compliance Assessment Plan must include:

- (1) what, when and how information will be collected and recorded to assess compliance;
- (2) the methods which will be used to assess compliance;

- (3) the methods which will be used to validate the adequacy of the compliance assessment to determine whether the implementation conditions are being complied with;
- (4) the retention of compliance assessments;
- (5) the table of contents of Compliance Assessment Reports, including audit tables; and
- (6) how and when Compliance Assessment Reports will be made publicly available, including usually being published on the proponent's website within sixty (60) days of being provided to the **CEO**.

D3 Contact Details

- D3-1 The proponent must notify the **CEO** of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (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.

D4 Time Limit for Proposal Implementation

- D4-1 The proposal must be **substantially commenced** within five (5) years from the date of this Statement.
- D4-2 The proponent must provide to the **CEO** documentary evidence demonstrating that they have complied with condition D4-1 no later than thirty (30) days after **substantial commencement**.
- D4-3 If the proposal has not been **substantially commenced** within the period specified in condition D4-1, implementation of the proposal must not be commenced or continued after the expiration of that period.

D5 Public Availability of Data

- D5-1 Subject to condition D5-2, within a reasonable time period approved by the **CEO** upon the issue of this Statement and for the remainder of the life of the proposal, the proponent must make publicly available, in a manner approved by the **CEO**, all validated environmental data collected before and after the date of this Statement relevant to the proposal (including sampling design, sampling methodologies, monitoring and other empirical data and derived information products (e.g. maps)), environmental management plans and reports relevant to the assessment of this proposal and implementation of this Statement.
- D5-2 If:
- (1) any data referred to in condition D5-1 contains trade secrets; or

- (2) any data referred to in condition D5-1 contains particulars of confidential information (other than trade secrets) that has commercial value to a person that would be, or could reasonably be expected to be, destroyed or diminished if the confidential information were published,

the proponent may submit a request for approval from the **CEO** to not make this data publicly available and the **CEO** may agree to such a request if the **CEO** is satisfied that the data meets the above criteria.

D5-3 In making such a request the proponent must provide the **CEO** with an explanation and reasons why the data should not be made publicly available.

D6 Independent Audit

D6-1 The proponent must arrange for an independent audit of compliance with the conditions of this statement, including achievement of the environmental outcomes and/or the environmental objectives and/or environmental performance with the conditions of this statement, as and when directed by the **CEO**.

D6-2 The independent audit must be carried out by a person with appropriate qualifications who is nominated or approved by the **CEO** to undertake the audit under condition D6-1.

D6-3 The proponent must submit the independent audit report with the Compliance Assessment Report required by condition D2, or at any time as and when directed in writing by the **CEO**. The audit report is to be supported by credible evidence to substantiate its findings.

D6-4 The independent audit report required by condition D6-1 is to be made publicly available in the same timeframe, manner and form as a Compliance Assessment Report, or as otherwise directed by the **CEO**.

[signed on 12 September 2025]

Hon. Matthew Swinbourn BA LLB MLC

MINISTER FOR THE ENVIRONMENT; COMMUNITY SERVICES; HOMELESSNESS

Key decision-making authorities consulted under section 45(2):

Minister for Aboriginal Affairs Minister for Tourism Minister for Transport

Table 1: Abbreviations and definitions

Acronym or abbreviation	Definition or term
Adverse impact	<p>Negative change that is neither trivial nor negligible that could result in a reduction in health, diversity or abundance of the receptor/s being impacted, or a reduction in environmental value. Adverse impacts can arise from direct or indirect impacts, or other impacts from the proposal.</p> <p>In relation to the EPA's environmental values in B2-1(1) this means achieving the relevant Environmental Quality Objectives in Table 1 of the EPA's Marine Water Quality Technical Guidance.</p> <p>In relation to marine environmental quality in the High Ecological Protection Area this means that:</p> <ul style="list-style-type: none"> for the quality of water and sediment there can be small detectable changes beyond limits of natural variation, but not to a level that changes ecosystem processes, biodiversity or abundance and biomass of marine life beyond the limits of natural variation. <p>In relation to benthic communities, this includes but is not limited to declining measures of the extent, health and/or condition of mixed seagrass communities within Thomson Bay.</p> <p>In relation to coastal processes, this includes accumulation of seagrass wrack resulting in a reduction in amenity.</p>
Amenity	<p>Amenity is defined in relation to the EPA's Environmental Factor Guideline for Social Surroundings:</p> <p><i>'Amenity' means the qualities, attributes and characteristics of a place that make a positive contribution to quality of life.</i></p> <p><i>'Amenity values' include the ability for people to live and recreate within their surroundings without any unreasonable interference with their health, welfare, convenience and comfort.</i></p>
Benthic communities	Mixed seagrass communities within Thomson Bay.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or the CEO's delegate.
Cessation	Refers to a stop or pause of an action that is greater than 14 days.
Confirmed	<p>In relation to a plan required to be made and submitted to the CEO, means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.</p> <p>In relation to a plan required to be implemented without the need to be first submitted to the CEO, means that plan until it is revised, and then means, at the relevant time, the plan that the CEO</p>

Acronym or abbreviation	Definition or term
	confirmed , by notice in writing, meets the requirements of the relevant condition.
Construction activities	Activities that are associated with the substantial implementation of a proposal including but not limited to, earthmoving, vegetation clearing, grading or construction of right of way. Construction activities do not include geotechnical investigations (including potholing for services and the installation of piezometers) and other preconstruction activities where no clearing of vegetation is required.
Contingency measures	Planned actions for implementation if it is identified that an environmental outcome, environmental objective, threshold criteria , Environmental Quality Standard or management target are likely to be, or are being, exceeded. Contingency measures include changes to operations or reductions in disturbance or adverse impacts to reduce impacts and must be decisive actions that will quickly bring the impact to below any relevant threshold , management target and to ensure that the environmental outcome and/or objective can be met.
Detecting/ Detectable	The smallest statistically discernible effect size that can be achieved with a monitoring strategy designed to achieve a statistical power value of at least 0.8 or an alternative value as determined by the CEO .
Development envelope	As shown in Figure 1.
Disturb/ disturbance	Means directly has or materially contributes to the disturbance effect on health, diversity or abundance of the receptor/s being impacted or on an environmental value. In relation to flora, vegetation or fauna habitat, includes to result in the death, destruction, removal, severing or doing substantial damage to. In relation to fauna, includes to have the effect of altering the natural behaviour of fauna to its detriment.
Environmental quality guidelines	Threshold numerical values or narrative statements which if met indicate there is a high degree of certainty that the associated environmental quality objective has been achieved.
Environmental quality standards	Threshold numerical values or narrative statements that indicate a level which if not met indicates there is a significant risk that the associated environmental quality objective has not been achieved, and a management response is required.
Environmental weeds	Any plant declared under section 22(2) of the <i>Biosecurity and Agriculture Management Act 2007</i> , any plant listed on the Weeds of National Significance List and any weeds listed on the Department of Biodiversity, Conservation and Attractions' Swan Region Impact and Invasiveness Ratings list, as amended, or replaced from time to time.

Acronym or abbreviation	Definition or term
Fairy tern	Australian Fairy Tern <i>Sternula nereis nereis</i>
fairy tern exclusion zone	As defined in Figure 4.
ha	Hectare(s)
High Ecological Protection	As defined in Appendix 1, Table 1 of the Marine Water Quality Technical Guidance .
High Ecological Protection Area	Area shown in Figure 3 and as defined in Appendix 1, Table 1 of the Marine Water Quality Technical Guidance .
Irreversible loss	Adverse impact which is unlikely to or does not return to pre-impact state within five (5) years following the completion of marine construction activities .
Management target	A type of indicator to evaluate whether an environmental objective is being achieved.
Marine construction activities	Activities involved in capital and maintenance dredging, reclamation and construction of the wharf.
Marine environmental values	Particular values or uses of the marine environment that are important for a healthy ecosystem or for public benefit, welfare, safety, or health and which require protection from the effects of pollution, waste discharges and deposits as defined in the <i>Technical Guidance: Protecting the Quality of Western Australia's Marine Environment</i> , as amended from time to time, and available at www.epa.wa.gov.au .
Marine pests	Marine species not native to the environment of Rottnest Island or the South-west bioregion, that do or may threaten biodiversity. The information from www.marinepests.gov.au and advice from the Department of Primary Industries and Regional Development will guide interpretation of this definition.
Marine Water Quality Technical Guidance	<i>Technical Guidance for protecting the quality of Western Australia's marine environment</i> , as amended from time to time, and available at www.epa.wa.gov.au .
National Marine Mammal Data Portal	National Marine Mammal Data Portal, including the Cetacean Sightings Application, maintained by the Commonwealth Department of Climate Change, Energy, the Environment and Water.
Persistent accumulation of seagrass wrack	Seagrass wrack that remains following seasonal weather events that would usually result in dispersal of accumulated wrack material.
Significant marine fauna	Includes cetaceans, sea turtles, pinnipeds and little penguins.

Acronym or abbreviation	Definition or term
Substantially commenced/ substantial commencement	Substantial commencement is more than the preparatory works for a proposal and generally includes ground disturbance activities which are solely attributed to proposal elements described in the proposal content document, and a substantial portion of the total disturbance and infrastructure works physically commenced.
Threshold criteria	The indicators that have been selected to represent limits of impact beyond which the environmental outcome is not being met.
Trigger criteria	Indicators that have been selected for monitoring to provide a warning that, if exceeded, the environmental outcome may not be achieved. They are intended to forewarn of the approach of the threshold criteria and trigger response actions.
Zone of high impact	The area shown in Figure 2 and spatially defined by coordinates in Schedule 1.
Zone of moderate impact	The area shown in Figure 2 and spatially defined by coordinates in Schedule 1.

Figures (attached)

Figure 1 South Thomson Development Barge Landing Project – Development Envelope

Figure 2 South Thomson Development Barge Landing Project – Impact Zonation Scheme

Figure 3 South Thomson Development Barge Landing Project – Marine Disturbance Footprint and High Ecological Protection Area

Figure 4 Fairy tern exclusion zone relevant to condition B5-3

(Figures 1 - 4 are a representation of the co-ordinates referenced in Schedule 1)



Figure 1 South Thomson Development Barge Landing Project – Development Envelope



Figure 2 South Thomson Development Barge Landing Project – Impact Zonation Scheme

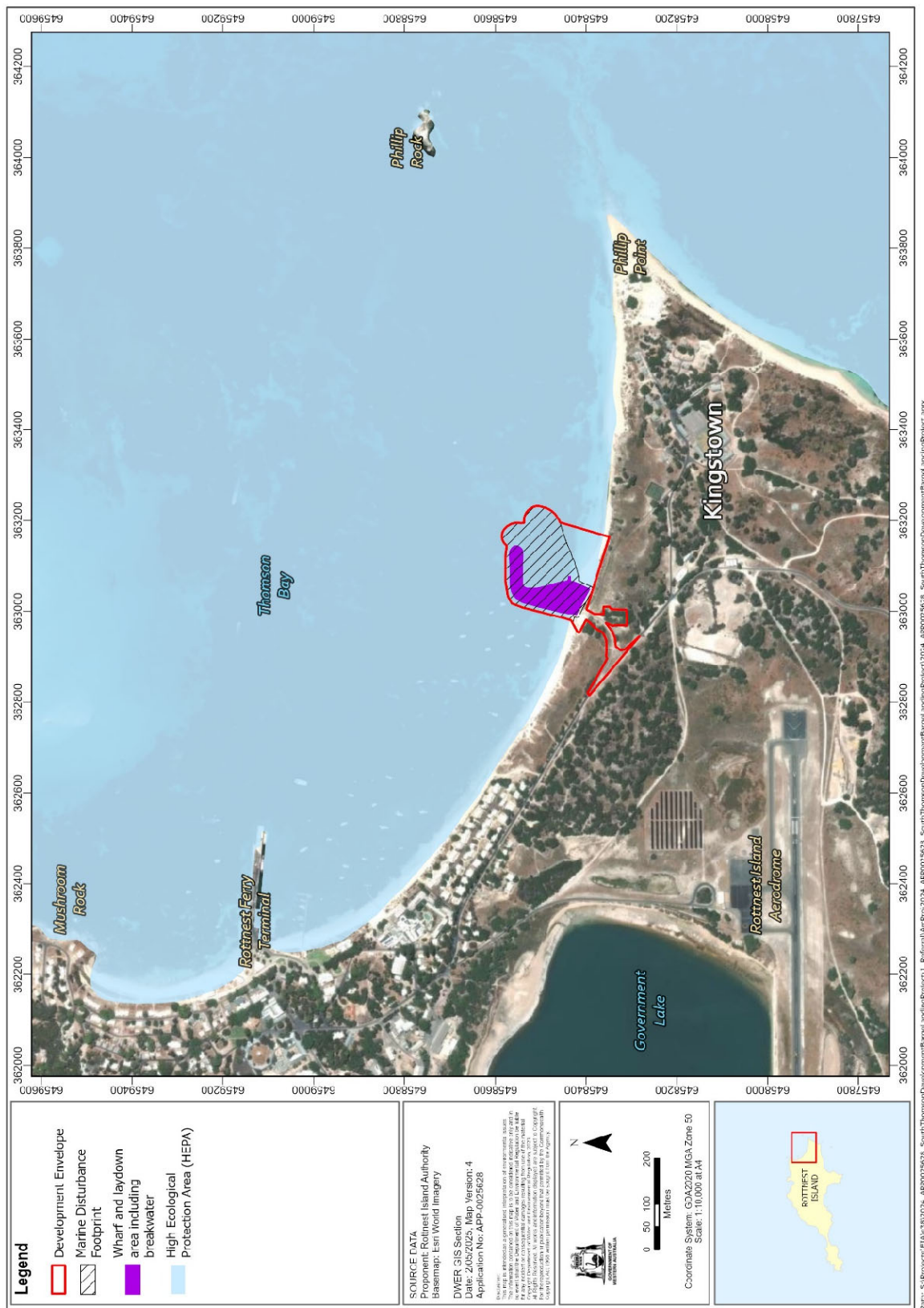


Figure 3 South Thomson Development Barge Landing Project – Marine Disturbance Footprint and High Ecological Protection Area

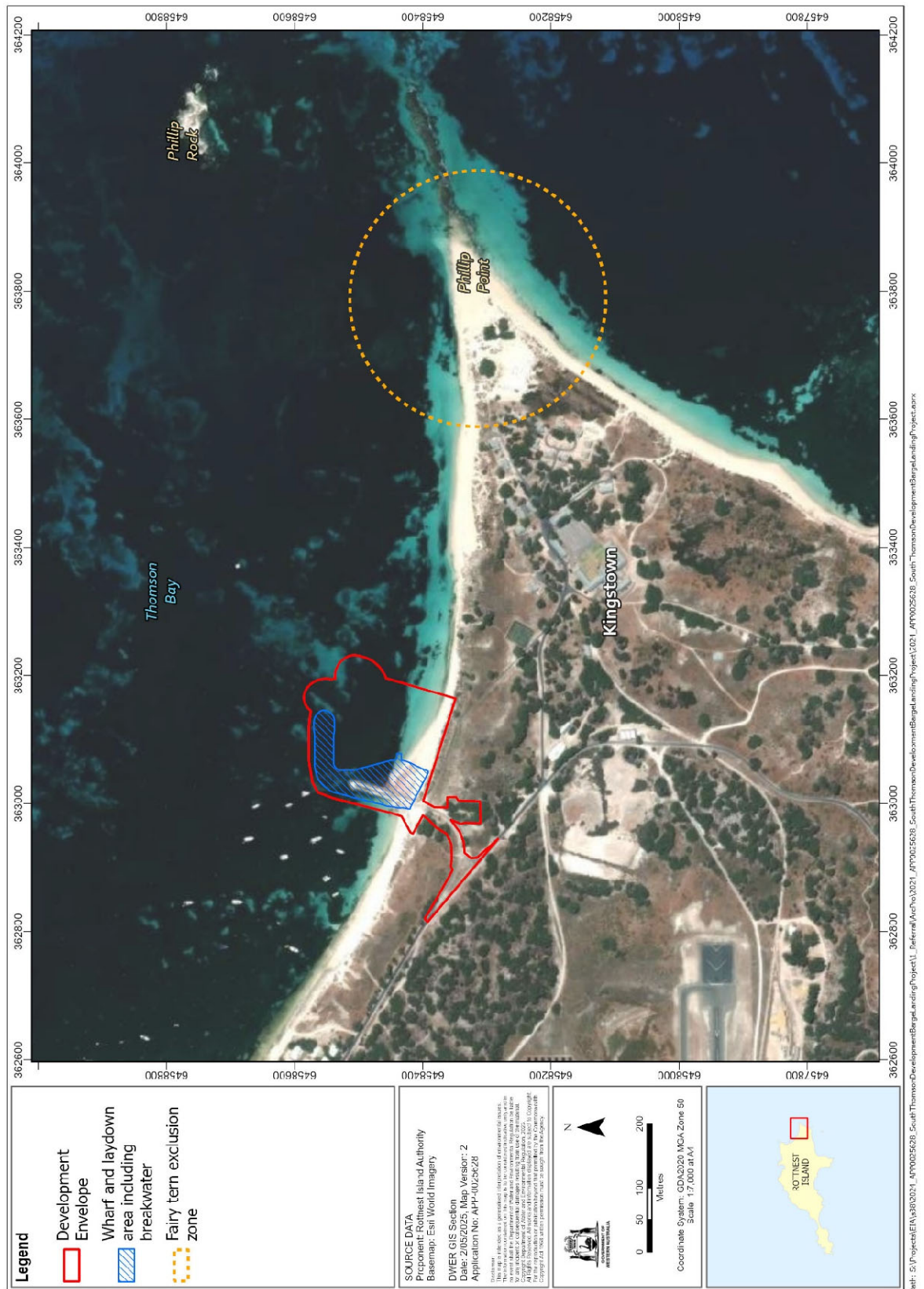


Figure 4 Fairy tern exclusion zone relevant to condition B5-3

Schedule 1

All co-ordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 2020 (GDA2020).

Spatial data depicting the figures are held by the Department of Water and Environmental Regulation. APP-0025628.