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Published on: 12 December 2024

Statement No. 1233

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

**NORTH WEST SHELF PROJECT EXTENSION PROPOSAL**

**Proposal:** Proposals the subject of Ministerial Statements 320, 334, 482 and 536 ("approved proposal") as amended by the North West Shelf Project Extension Proposal ("significant amendment").

**Significant amendment:** The North West Shelf Project Extension Proposal, being the proposal referred to the Environmental Protection Authority on 21 November 2018, as amended under section 43A of the Environmental Protection Act on 16 December 2019.

This is a proposal for the ongoing operation of the North West Shelf (NWS) Project to enable the long-term processing of third-party gas and fluids and **NWSJV** field resources through the NWS project facilities until 2070.

**Proponent:** Woodside Energy Ltd.  
Australian Company Number 005 482 986

**Proponent Address:** 11 Mount Street, PERTH WA 6000

**Assessment Number:** 2186

**Report of the Environmental Protection Authority:** 1727

**Previous Assessment Numbers:** 782, 851, 1105, and 1188

**Previous Reports of the Environmental Protection Authority:** 694, 724, 893, 962

**Previous Statement Number:** 320, 334, 482, and 536

Pursuant to section 45 of the EP Act, it was previously agreed that the approved proposal may be implemented, as set out in Ministerial Statements 320, 334, 482 and 536.

Pursuant to section 45 of the EP Act, it is now agreed that:

1. the significant amendment may be implemented; and
2. the implementation of the proposal (being the approved proposal as amended by the significant amendment) is subject to the following conditions and procedures.

This Statement supersedes Ministerial Statements 320, 334, 482 and 536 pursuant to section 40AA(6)(b) of the EP Act.

## 1 Limitations and Extent of Implementation of Proposal

- 1-1 Subject to the conditions of this statement, the proponent must ensure that the proposal is implemented in such a manner that the following limitation or maximum extents / capacities / ranges are not exceeded:

<b>Proposal element</b>	<b>Location</b>	<b>Maximum extent or range</b>
<b><i>Physical elements</i></b>		
NWS Project (onshore component)	Figures 1 and 2	276 <b>ha</b> of disturbance within a 331 <b>ha</b> development envelope.
NWS Project (King Bay Supply Base, Southern Expansion Lease and Access Roads)	Figures 1 and 2	104 <b>ha</b> of disturbance within a 193 <b>ha</b> development envelope.
NWS Project (offshore component; State waters)	Figure 1	700 <b>ha</b> development envelope (includes 589 <b>ha</b> pipeline exclusion zone and 111 <b>ha</b> jetty lease).
<b><i>Operational elements</i></b>		
Reserve Source	-	<b>NWSJV</b> field resources and third-party gas and fluids.
<b>LNG</b> production capacity	-	18.5 <b>Mtpa</b> .
<b>CO<sub>2</sub>-e</b> emissions	-	7.7 <b>Mtpa</b> .
<b>NO<sub>x</sub></b> emissions <sup>1</sup>	-	8,900 <b>tpa</b>
<b><i>Timing elements</i></b>		
<b>Operational life of proposal</b>	-	Up to 2070.

Note 1: **NO<sub>x</sub>** emissions from the proposal are subject to the requirements of condition 3-5(1)(e).

### **Greenhouse Gas Emissions**

- 2-1 The proponent must notify the CEO in writing within one month of it becoming aware that implementation of the proposal will not be or is not expected to be regulated under the Safeguard Legislation as a designated large facility (the **notifiable event**) and such notice must briefly describe the reasons for and expected duration of the notifiable event.
- 2-2 The proponent must, if requested in writing by the CEO, provide the CEO with a report on the implications for the proposal of any amendment or proposed amendment to the Safeguard Legislation, or a decision or proposed decision made under the Safeguard Legislation that is specified in the CEO's request.
- 2-3 The report required by condition 2-2 must:
- (1) be submitted to the CEO within three months of the date of the CEO's request or such longer period as the CEO agrees to in writing; and
  - (2) explain the implications that the specified amendment or decision has had or is expected to have on:
    - (i) the obligation to reduce net Scope 1 greenhouse gas emissions from implementation of the proposal under the Safeguard Legislation; and
    - (ii) the quantity of actual and net Scope 1 greenhouse gas emissions likely to result from the future implementation of the proposal.
- 2-4 Within 12 months from the date of this Statement and thereafter at five-yearly intervals the proponent shall carry out a review of best practice design and operational measures that could be implemented to reduce **Proposal GHG Emissions**.
- 2-5 The proponent shall submit a report to the CEO of the review required by condition 2-4. The report shall:
- (1) Identify the practicable and reasonable options to reduce **Proposal GHG Emissions** from the Proposal, including **Reservoir Emissions** and **Non-Reservoir Emissions**;
  - (2) Explain the assessment of both the technical and economic feasibility of those options;

- (3) Identify which, if any, of the options were considered to be technically and/or economically feasible;
- (4) Include a peer review report prepared by an independent person or independent persons with suitable technical expertise of matters at (1)-(3); and
- (5) Consider reasonably practicable options for reductions in scope 3 emissions.

## **2 Air Quality**

3-1 For the purposes of this condition, the **Air Quality Outcome** is:

- (1) to ensure that no air emissions from the proposal have an adverse impact accelerating the weathering of rock art within **Murujuga** beyond natural rates.

3-2 The proponent must ensure implementation of the proposal achieves the **Air Quality Outcome**.

3-3 If:

- (1) the Minister notifies the proponent in writing, for the purposes of this condition, of one or more air quality standards to be met (including standards derived from the results of the **Murujuga Rock Art Monitoring Program**); and
- (2) the proponent complies with all those standards, and any amendments to the standards which are the subject of a notification to the proponent by the Minister in writing for the purposes of this condition,

the proponent is taken to have achieved the **Air Quality Outcome**.

3-4 Subject to, and to the extent that it is not inconsistent with, condition 3-2, the proponent must implement the North West Shelf Project Extension Air Quality Management Plan (Revision 2, G2000RF1401194398, February 2021) until the **CEO** had confirmed in writing that a revision of the plan submitted under condition 3-5 meets the requirements of conditions 3-5(1) to 3-5(13).

3-5 Within 12 months of the issue date of this Statement, or such greater time approved in writing by the **CEO**, the proponent must revise in consultation with the **Murujuga Key Stakeholders**, and submit to the **CEO** and the **DCCEEW**, a revision of the North West Shelf Project Extension Air Quality Management Plan (Revision 2, G2000RF1401194398, February 2021) that:

- (1) sets out measures that will be taken to achieve each of the following outcomes and objectives:
  - (a) subject to condition 3-3, compliance with the **Air Quality Outcome**;
  - (b) compliance with all air quality objectives and standards (including, if applicable, those derived from the results of the **Murujuga Rock Art Monitoring Program**), and any amendments to those objectives and standards, which are the subject of a notification to the proponent by the Minister in writing for the purposes of condition 3-3 and/or condition 3-8(3);
  - (c) contribute to the maintenance of regional air quality in accordance with relevant **Air Quality Standards** by the minimisation of emissions of **NO<sub>x</sub>**, **SO<sub>x</sub>** and **VOCs** [including **BTEX**] from the proposal;
  - (d) the minimisation of air emissions (including, but not limited to **NO<sub>x</sub>**, **SO<sub>x</sub>** and **VOCs** [including **BTEX**]) from the proposal by the adoption of **best practice** measures;
  - (e) at a minimum, reduce **NO<sub>x</sub>** emissions from the proposal to 3,065 **tpa** by 31 December 2030; and
  - (f) at a minimum, reduce **VOC** emissions from the proposal to 10,557 **tpa** by 31 December 2030.
- (2) is informed by monitoring data which establishes a scientifically valid and robust baseline (the methodology for which has been subject to a peer review by an independent person or independent persons with suitable technical expertise on the suitability of the methodology used to gather the baseline data) that is sufficient to measure whether the **Air Quality Outcome** and the environmental outcomes and objectives specified in condition 3-5(1) have been achieved;
- (3) describes and quantifies all of the expected air emissions from the proposal, in accordance with reporting methodologies outlined in the latest National Pollutant Inventory guideline and their sources;
- (4) includes provisions for the adoption of continuous or predictive emission monitoring technologies in each stack for all LNG processing trains by 30 June 2030;

- (5) includes a comparison of the expected air emissions for the proposal against **international and Australian industry best practice** for LNG processing facilities;
- (6) identifies and describes the **best practice** design and operational measures and efficient technologies that the proponent has implemented or will implement to minimise all air emissions, including the adoption of advances in air pollution control technology and process management, since the date of this Statement (or since the date of the last plan review, whichever is later) and specifies:
  - (a) when each measure was or will be implemented; and
  - (b) the method that has been used or that will be used to determine the effectiveness of each measure in minimising air emissions;
- (7) includes a peer review report carried out by an independent person or independent persons with suitable technical expertise to review and assess measures referred to in 3-5(4) to 3-5(6) against **international and Australian industry best practice** for comparable facilities;
- (8) includes provisions for monitoring and reporting to the **CEO** and the **DCCEEW** at least annually of:
  - (a) the quality of air emissions produced by the proposal;
  - (b) the quantity of air emissions produced from each stack in each **LNG Processing Train**;
  - (c) on-site meteorological conditions including wind speed / direction, temperature, and rainfall rate;
  - (d) ambient ground level concentrations for air emissions defined in the Air Quality Management Plan as relating to the proposal and that have the potential to impact on human health, amenity, and rock art;
  - (e) the implementation of measures required to be included in the Air Quality Management Plan by conditions 3-5(1) to 3-5(12); and
  - (f) any exceedance of trigger criteria and threshold criteria;and publication as required by condition 3-13;
- (9) includes a trajectory of the proposed air emission reductions for the life of the proposal, commencing in 2025;

- (10) specifies scientifically valid and robust:
    - (a) trigger criteria that will forewarn the approach of threshold criteria and ensure that the **Air Quality Outcome** and outcomes and objectives in condition 3-5(1) will be achieved;
    - (b) threshold criteria that will demonstrate that the **Air Quality Outcome** and outcomes and objectives in condition 3-5(1) are being achieved;
    - (c) **adaptive** monitoring program to determine if trigger criteria and threshold criteria have been met;
    - (d) management and/or contingency actions (including changes to monitoring, operations and reductions in emissions) to be implemented if the trigger criteria required by condition 3-5(10)(a) and/or the threshold criteria required by condition 3-5(10)(b) have not been met;
  - (11) includes a report of a peer review, carried out by an independent person or independent persons with suitable technical expertise, of the final draft of the Air Quality Management Plan as it relates to each of the items in condition 3-5(10) which assesses the adequacy of that content to achieving the **Air Quality Outcome** and the outcome and objectives in condition 3-5(1);
  - (12) provides the format and timing for the reporting to the **CEO** of monitoring results against trigger criteria and threshold criteria over the reporting period in the Compliance Assessment Report required by condition 8-6; and
  - (13) subject to the peer reviews identified in conditions 3-5(2), 3-5(7) and 3-5(11) sets out reasons for selection or adoption of the measures, criteria, monitoring program and management and/or contingency actions included in the Air Quality Management Plan, including discussion of other options considered.
- 3-6 The proponent must implement the most recent version of the **Confirmed** Air Quality Management Plan until the **CEO** has confirmed by notice in writing that the proponent has demonstrated that the **Air Quality Outcome** and the outcomes and objectives in condition 3-5(1) have been met.
- 3-7 If the proponent's monitoring, tests, surveys or investigations indicate an exceedance of threshold criteria specified in the **Confirmed** Air Quality Management Plan, the proponent must:

- (1) report a threshold criteria exceedance in writing to the **CEO** and the **DCCEEW** within 48 hours of an exceedance of threshold criteria being identified;
- (2) implement the contingency actions required by the **Confirmed** Air Quality Management Plan within seven (7) days of the exceedance(s) being reported or such other time specified in the **Confirmed** Air Quality Management Plan, and continue implementation of threshold criteria actions until the **CEO** has confirmed by notice in writing that it has been demonstrated that the relevant threshold criteria is being met and implementation of the contingency actions is no longer required;
- (3) investigate to determine the cause and potential impact of the threshold criteria being exceeded;
- (4) if threshold criteria have been exceeded, investigate the potential environmental harm or alteration of the environment that occurred due to threshold criteria being exceeded;
- (5) provide a further report to the **CEO** within twenty-one (21) days (or such greater time approved in writing by the **CEO**) of the threshold criteria exceedance being reported which must include:
  - (a) details of management and/or contingency actions implemented;
  - (b) the effectiveness of the management and/or contingency actions implemented against the threshold criteria;
  - (c) the findings of the investigations required by conditions 3-7(3) and 3-7(4);
  - (d) measures to prevent the threshold criteria being exceeded in the future;
  - (e) measures to prevent, control or abate impacts which may have occurred; and
  - (f) justification for the threshold criteria remaining, or being adjusted based on better understanding, demonstrating that the **Air Quality Outcome** and the outcomes and objectives in condition 3-5(1) will be met.

3-8 Without limiting conditions 3-4 and 3-6 (implementation of the plan), and notwithstanding compliance with condition 3-7 (response to exceedance), the proponent must not cause or allow:



- (1) an exceedance of a threshold criteria specified in a **Confirmed** Air Quality Management Plan (regardless of whether threshold contingency actions have been or are being implemented);
- (2) any non-compliance with the requirements of a **Confirmed** Air Quality Management Plan; or
- (3) any non-compliance with any air quality objectives and standards (including those derived from the results of the **Murujuga Rock Art Monitoring Program**), and any amendments to those objectives and standards, which are the subject of a notification in writing to the proponent by the Minister for the purposes of this condition.

3-9 The proponent:

- (1) may submit to the **CEO** and the **DCCEEW** a revision of the **Confirmed** Air Quality Management Plan, prepared in consultation with the **Murujuga Key Stakeholders**, at any time; and
- (2) must submit to the **CEO** and the **DCCEEW** a revision of the **Confirmed** Air Quality Management Plan, prepared in consultation with the **Murujuga Key Stakeholders**:
  - (a) within six (6) months (or such greater time approved in writing by the **CEO**) of being notified by the Minister of air quality standards or objectives (including those derived from the results of the **Murujuga Rock Art Monitoring Program**) or any amendments to those objectives or standards, for the purposes of condition 3-3 or condition 3-8(3);
  - (b) as and when directed to by the **CEO** in writing; and
  - (c) at least every five (5) years.

3-10 Any revision of the **Confirmed** Air Quality Management Plan submitted under condition 3-9 must satisfy the requirements of condition 3-5.

3-11 If a revision of the **Confirmed** Air Quality Management Plan under condition 3-9 involves an amendment to an item that was subject to a peer review under conditions 3-5(2), 3-5(7) or 3-5(11), the proponent must submit to the **CEO** with the revision a report of a further peer review of those item(s), carried out by an independent person or independent persons with suitable technical expertise, unless otherwise advised in writing by the **CEO**.

- 3-12 The proponent must interpret and report on monitoring data collected for the purposes of the **Confirmed** Air Quality Management Plan to the **CEO**, the **DCCEEW** and the **Murujuga Key Stakeholders** at least annually.
- 3-13 The proponent must make the **Confirmed** Air Quality Management Plan and all reports and monitoring data required by condition 3 publicly available on the proponent's website within the timeframes specified below for the life of the proposal, or in any other timeframe specified in writing by the **CEO**:
- (a) any **Confirmed** Air Quality Management Plan, within fourteen (14) days of receiving written confirmation of the **CEO** that it satisfies the requirements of conditions 3-5(1) to 3-5(13); and
  - (b) the reports referred to in conditions 3-11 and 3-12 within fourteen (14) days of submitting the document to the **CEO**.

#### **4 Cultural Heritage**

- 4-1 For the purposes of this condition, the **Cultural Heritage Outcomes** are:
- (1) subject to reasonable health and safety requirements, allow ongoing traditional owner and custodian access to enable traditional activities and connection to culturally significant heritage areas within the development envelopes (as shown in Figures 1 and 2) during operation; and
  - (2) ensure the proposal is decommissioned in a manner that will, subject to reasonable health and safety requirements, allow traditional owner and custodian access to the development envelopes (as shown in Figures 1 and 2).
- 4-2 For the purposes of this condition, the **Cultural Heritage Objective** is:
- (1) avoid where possible, and otherwise minimise direct impacts to social, cultural, heritage and archaeological values within the development envelopes (as shown in Figures 1 and 2).
- 4-3 The proponent must ensure implementation of the proposal achieves the **Cultural Heritage Outcomes** and the **Cultural Heritage Objective**.
- 4-4 Subject to, and to the extent that it is not inconsistent with, condition 4-3, the proponent must implement the North West Shelf Project Extension Cultural Heritage Management Plan (Revision 3, G2000RF1401194398, February 2021) until the **CEO** confirms in writing that a revision of that plan submitted under condition 4-5 meets the requirements of conditions 4-5(1) to 4-5(7).

- 4-5 Within 12 months of the issue of this Statement, or such greater time approved in writing by the **CEO**, the proponent must revise in consultation with the **DCCEEW** and **Murujuga Key Stakeholders** and submit to the **CEO** a revision of the North West Shelf Project Extension Cultural Heritage Management Plan (Revision 3, G2000RF1401194416, February 2021) that:
- (1) includes a framework for consultation with traditional owners and custodians via the **Murujuga Key Stakeholders** during the life of the proposal;
  - (2) specifies operational environmental management activities relevant to cultural heritage;
  - (3) specifies management actions that will be implemented to demonstrate compliance with the **Cultural Heritage Outcomes** and the **Cultural Heritage Objective**;
  - (4) specifies measurable management target(s) to determine the effectiveness of the management actions;
  - (5) specifies monitoring to measure the effectiveness of management actions against management targets;
  - (6) specifies a process for:
    - (a) investigation to determine the cause of the outcome, objective or management target(s) not being met; and
    - (b) revision of management actions and activities, if any outcome, objective and management target is not achieved, to ensure it is achieved in the future;
  - (7) provides the format and timing of reporting, to demonstrate that the **Cultural Heritage Outcomes and the Cultural Heritage Objective** have been met for the reporting period in the Compliance Assessment Report required by condition 8-6 including, but not limited to:
    - (a) verification of the implementation of management actions; and
    - (b) reporting on the effectiveness of management actions against the outcomes, objective, and management target(s).
- 4-6 The proponent must implement the most recent version of the **Confirmed Cultural Heritage Management Plan** until the **CEO** has confirmed by notice in writing that the proponent has demonstrated the **Cultural Heritage Outcomes**

and the **Cultural Heritage Objective** have been met, or will be met by reason of another statutory decision-making process.

4-7 If the proponent's monitoring, tests, surveys or investigations indicate non-achievement of the **Cultural Heritage Outcomes**, the **Cultural Heritage Objective** or management target(s) specified in the **Confirmed** Cultural Heritage Management Plan, the proponent must:

- (1) report the non-achievement in writing to the **CEO**, the **DCCEEW**, the **Murujuga Key Stakeholders**, the **DPLH** and the **Cultural Heritage Government Body** within twenty-one (21) days of the non-achievement being identified by the proponent;
- (2) investigate to determine the cause of the non-achievement of outcomes, objectives or management target(s) not being achieved;
- (3) provide a further report to the **CEO**, the **DCCEEW**, the **Murujuga Key Stakeholders**, the **DPLH** and the **Cultural Heritage Government Body** within ninety (90) days of the non-achievement being reported as required by condition 4-7(1) which must include:
  - (a) the findings of the investigation required by condition 4-7(2);
  - (b) a description of the cause of the non-achievement of the outcomes, objective or management target(s), if known, or analysis of likely causes if not known;
  - (c) details of revised and/or additional management actions or changes to activities to be implemented to prevent future non-achievement of the outcomes, objective or management target(s).

4-8 If the proponent's monitoring, tests, surveys or investigations indicate that one or more management action(s) specified in the **Confirmed** Cultural Heritage Management Plan have not been implemented, the proponent must:

- (1) report the failure to implement the management action(s) in writing to the **CEO**, the **DCCEEW**, the **Murujuga Key Stakeholders**, the **DPLH** and the **Cultural Heritage Government Body** within seven (7) days of identification;
- (2) investigate to determine the cause of the management action(s) not being implemented;
- (3) investigate to determine potential environmental harm and/or alteration of the environment that occurred due to the failure to implement management action(s);

- (4) provide a further report to the **CEO**, the **DCCEEW**, the **Murujuga Key Stakeholders**, the **DPLH** and the **Cultural Heritage Government Body** within 28 days of the failure to implement management action(s) being identified, which must include:
- (a) the findings of the investigations required by conditions 4-8(2) and 4-8(3);
  - (b) a description of the cause of the failure to implement the management action(s), if known, or analysis of likely cause(s) if not known;
  - (c) details of changes to activities to be implemented to prevent future failure to implement the management action(s); and
  - (d) details of measures implemented or to be implemented to prevent, control or abate the environmental harm which may have occurred.

4-9 Without limiting conditions 4-4 and 4-6 (implementation of the plan) and notwithstanding compliance with condition 4-7 (response to non-achievement) and condition 4-8 (response to failure to implement management action(s)), the proponent must not cause or allow:

- (1) a failure to implement one or more management actions specified in the **Confirmed** Cultural Heritage Management Plan; and/or
- (2) a failure to comply with the requirements of the **Confirmed** Cultural Heritage Management Plan.

4-10 The proponent:

- (1) may submit to the **CEO** a revision of the **Confirmed** Cultural Heritage Management Plan, prepared in consultation with the **Murujuga Key Stakeholders**, at any time; and
- (2) must submit to the **CEO** a revision of the **Confirmed** Cultural Heritage Management Plan prepared in consultation with the **Murujuga Key Stakeholders** as and when directed by the **CEO** in writing.

4-11 Any revision of the **Confirmed** Cultural Heritage Management Plan submitted under conditions 4-10 must satisfy the requirements of conditions 4-5(1) to 4-5(7).

## **5 Marine Environmental Quality**

- 5-1 For the purposes of this condition, the **Marine Objective** is:
- (1) manage discharges to the marine environment to maintain water and sediment quality, protect the environmental values and achieve the levels of ecological protection identified in Figure 3 and Figure 4 of Schedule 1.
- 5-2 The proponent must ensure implementation of the proposal achieves the **Marine Objective**.
- 5-3 Subject to, and to the extent that it is not inconsistent with, condition 5-2, the proponent must implement the North West Shelf Project Extension Marine Environmental Quality Management Plan (Revision 4, G2000RF1401194403, November 2021) until the **CEO** confirms in writing that a revision of that plan submitted under condition 5-4 meets the requirements of conditions 5-4(1) to 5-4(8).
- 5-4 Within 12 months of the issue of this Statement, or such greater time approved in writing by the **CEO**, the proponent must revise in consultation with the **Murujuga Key Stakeholders**, and submit to the **CEO** a revision of the North West Shelf Project Extension Marine Environmental Quality Management Plan (Revision 4, G2000RF1401194403, November 2021) that:
- (1) identifies **Marine Environmental Values** relevant to the Mermaid Sound to be protected;
  - (2) specifies project specific and spatially defined **Environmental Quality Objectives** that describe what must be achieved to protect each **Marine Environmental Value** identified in condition 5-4(1);
  - (3) specifies management actions to be implemented to demonstrate compliance with the **Marine Objective** and the **Environmental Quality Objectives** under condition 5-4(2);
  - (4) specifies **Environmental Quality Criteria** that are scientifically based limits of acceptable change to a measurable environmental quality indicator to protect of the **Marine Environmental Values** identified under condition 5-4(1), **Environmental Quality Objectives** identified under condition 5-4(2) and the **Marine Objective**;
  - (5) specifies monitoring methodology and rationale including site locations, parameters and timing to measure the effectiveness of management actions against **Environmental Quality Criteria**;
  - (6) sets out reasons for selection or adoption of the **Environmental Quality Criteria**, monitoring program and management actions included in the

Marine Environmental Quality Management Plan, including discussion of other options considered;

- (7) specifies a process for:
  - (a) investigation to determine the cause of the **Environmental Quality Criteria** not being met; and
  - (b) revision of management actions and changes to activities, in the event that the Marine Objective and **Environmental Quality Criteria** are not achieved;
- (8) provides the format and timing for reporting to demonstrate that the **Marine Objective** has been met for the reporting period in the Compliance Assessment Report required by condition 8-6 including but not limited to:
  - (a) verification of the implementation of management actions; and
  - (b) reporting on the effectiveness of management actions against **Environmental Quality Criteria**.

5-5 The proponent must implement the most recent version of the **Confirmed Marine Environmental Quality Management Plan** until the **CEO** has confirmed by notice in writing that the proponent has demonstrated that the **Marine Objective** has been met.

5-6 If the proponent's monitoring, tests, surveys or investigations indicate exceedance of **Environmental Quality Criteria** specified in the **Confirmed Marine Environmental Quality Management Plan**, the proponent must:

- (1) report the exceedance in writing to the **CEO** and the **Murujuga Key Stakeholders** within twenty-one (21) days of the exceedance being identified;
- (2) investigate to determine the cause of the **Environmental Quality Criteria** being exceeded if known, or analysis of likely causes if not known;
- (3) provide a further report to the **CEO** and the **Murujuga Key Stakeholders**, within ninety (90) days of the exceedance being reported as required by condition 5-6(1) which must include:
  - (a) the findings of the investigation required by condition 5-6(2);

- (b) a description of the cause of **Environmental Quality Criteria** being exceeded if known, or analysis of likely causes if not known; and
- (c) details of revised and/or additional management actions or changes to activities that will be implemented to prevent exceedance of the **Environmental Quality Criteria**.

5-7 If the proponent's monitoring, tests, surveys or investigations indicate that one or more management action(s) specified in the **Confirmed** Marine Environmental Quality Management Plan have not been implemented, the proponent must:

- (1) report the failure to implement the management action(s) in writing to the **CEO** and the **Murujuga Key Stakeholders** within seven (7) days of identification;
- (2) investigate to determine the cause of the management action(s) not being implemented;
- (3) investigate to determine potential environmental harm and/or alteration of the environment that occurred due to the failure to implement management action(s);
- (4) provide a report to the **CEO** and the **Murujuga Key Stakeholders** within twenty-eight (28) days of the failure to implement management actions being identified, which must include:
  - (a) the findings of the investigation required by condition 5-7(2);
  - (b) a description of the cause for failure to implement management action(s) if known, or analysis of likely cause(s) if not known;
  - (c) details of changes to activities to be implemented to prevent future failure to implement management action(s); and
  - (d) details of measures implemented or to be implemented to prevent, control or abate the environmental harm which may have occurred.

5-8 Without limiting condition 5-3 and 5-5 (implementation of the plan) and notwithstanding compliance with condition 5-6 (response to exceedance) and condition 5-7 (response to failure to implement management action(s)), the proponent must not cause or allow:



- (1) a failure to implement one or more management actions specified in the **Confirmed** Marine Environmental Quality Management Plan, if the relevant **Environmental Quality Criteria** have been exceeded;
- (2) the exceedance of an **Environmental Quality Criteria** specified in the **Confirmed** Marine Environmental Quality Management Plan (regardless of whether management actions have been or are being implemented); and/or
- (3) a failure to comply with the requirements of the **Confirmed** Marine Environmental Quality Management Plan.

5-9 The proponent:

- (1) may submit to the **CEO** a revision of the **Confirmed** Marine Environmental Quality Management Plan, prepared in consultation with the **Murujuga Key Stakeholders** at any time; and
- (2) must submit to the **CEO** a revision of the **Confirmed** Marine Environmental Quality Management Plan, prepared in consultation with the **Murujuga Key Stakeholders**, as and when directed by the **CEO** in writing.

5-10 Any revision of the **Confirmed** Marine Environmental Quality Management Plan submitted under condition 5-9 must satisfy the requirements of conditions 5-4(1) to 5-4(8).

## **6 Environmental Performance Report**

6-1 The proponent must submit an Environmental Performance Report to the Minister and the **Murujuga Key Stakeholders** every five years.

6-2 The first Environmental Performance Report must be submitted within three (3) months of the expiry of the five (5) year period commencing from the date of issue of this Statement, or such other time as may be approved in writing by the **CEO**.

6-3 Each Environmental Performance Report must report on:

- (1) trends in air emissions from the proposal that have the potential to impact rock art and/or human health; and
- (2) trends in the quality of discharges from the proposal that have the potential to impact on the marine environment.

6-4 The Environmental Performance Report must include:

- (1) a comparison of the trends of the emissions identified in condition 6-3 at the end of the five year period against the emissions at the beginning of the five (5) year period;
- (2) a comparison of the trends of the emissions identified in condition 6-3 at the end of the five (5) year period against the emissions identified in first Environmental Performance Report submitted in accordance with condition 6-2; and
- (3) proposed **Adaptive** management and continuous improvement strategies.

6-5 The Environmental Performance Report may be in whole or part prepared in conjunction with other proponents and government agencies where there are cumulative impacts from proposals.

## **7 Decommissioning and Rehabilitation**

7-1 For the purposes of this condition, the **Decommissioning and Rehabilitation Objective** is:

- (1) ensure the proposal is decommissioned and rehabilitated in an ecologically sustainable manner.

7-2 At least five years prior to the forecasted completion of the operational phase of the proposal, or at a time as and when directed by the **CEO** in writing, the proponent must, in consultation with the **Murujuga Key Stakeholders**, prepare and submit a Decommissioning and Rehabilitation Plan to the **CEO** for approval, on advice of the Department of Biodiversity, Conservation and Attractions and the **DPLH**, that:

- (1) sets out measures that will be implemented to ensure that the **Decommissioning and Rehabilitation Objective** is achieved.

7-3 The proponent must implement the most recent version of the **Confirmed Decommissioning and Rehabilitation Plan** until the **CEO** has confirmed in writing that the proponent has demonstrated that the **Decommissioning and Rehabilitation Objective** has been met.

7-4 After the submission of the Decommissioning and Rehabilitation Plan, the proponent must include an update on the forecasted completion of the operational phase and decommissioning of the proposal in each subsequent Compliance Assessment Report required by condition 8-6.

7-5 The proponent:

- (1) may submit to the **CEO** a revision of the **Confirmed** Decommissioning and Rehabilitation Plan, prepared in consultation with the **Murujuga Key Stakeholders** the Department of Biodiversity, Conservation and Attractions and the **DPLH** at any time; and
- (2) must submit to the **CEO** a revision of the **Confirmed** Decommissioning and Rehabilitation Plan, prepared in consultation with the **Murujuga Key Stakeholders** the Department of Biodiversity, Conservation and Attractions and the **DPLH** as and when directed by the **CEO** in writing.

7-6 Any revision of the **Confirmed** Decommissioning and Rehabilitation Plan submitted under condition 7-5 must satisfy the requirement of condition 7-2(1).

## **8 Compliance Reporting**

8-1 The proponent must prepare and maintain 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 8-6.

8-2 The Compliance Assessment Plan must 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.

8-3 The proponent must assess compliance with conditions in accordance with the **Confirmed** Compliance Assessment Plan.

8-4 All Compliance Assessment Reports must be retained until the proposal is fully implemented (including decommissioning and rehabilitation) or such other period agreed in writing by the **CEO**.

8-5 Subject to the conditions of this Statement the proponent must advise the **CEO** of any potential non-compliance within seven (7) days of that non-compliance being known to the proponent.

8-6 The proponent must submit to the **CEO** the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the

twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first Compliance Assessment Report, or at another time agreed in writing by the **CEO**.

8-7 Each Compliance Assessment Report must:

- (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.

8-8 The proponent:

- (1) may submit to the **CEO** a revision of the **Confirmed** Compliance Assessment Plan at any time; and
- (2) must submit to the **CEO** a revision of the **Confirmed** Compliance Assessment Plan as and when directed to do so by the **CEO** in writing.

8-9 Any revision of the **Confirmed** Compliance Assessment Plan submitted under condition 8-8 must satisfy the requirements of conditions 8-2(1) to 8-2(6).

8-10 The proponent must implement the latest revision of the **Confirmed** Compliance Assessment Plan .

## **9 Public Availability of Data**

9-1 Subject to condition 9-2 and the conditions of this Statement, within a reasonable time period approved by the **CEO** in writing and for the life of the proposal (including decommissioning and rehabilitation) the proponent must 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)), management plans and reports relevant to the assessment and implementation of this proposal.

9-2 If any data referred to in condition 9-1 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 these data publicly available, including an explanation for why the proponent considers the data should not be made publicly available.

[signed on 12 December 2024]

Hon Reece Whitby MLA  
**MINISTER FOR ENVIRONMENT; CLIMATE ACTION**

<b>Key decision-making authorities consulted under section 45(2):</b>
Minister for Aboriginal Affairs
Minister for Mines and Petroleum
Minister for State Development

**Table 3: Abbreviations and Definitions**

<b>Acronym or Abbreviation</b>	<b>Definition or Term</b>
<b>Adaptive</b>	Means having the ability or tendency to adapt in response to evidence in a manner which is most effective at achieving the specified outcomes.
<b>Air Quality Standards</b>	<ul style="list-style-type: none"> <li>• National Environment Protection (Ambient Air Quality) Measure</li> <li>• National Environment Protection (Air Toxics) Measure</li> <li>• Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales 2016</li> </ul>
<b>Authorised Offsets</b>	<p>Units representing GHG Emissions issued under one of the following schemes and cancelled or retired in accordance with any rules applicable at the relevant time governing the cancellation or retiring of units of that kind:</p> <ol style="list-style-type: none"> <li>a) Australian Carbon Credit Units issued under the <i>Carbon Credits (Carbon Farming Initiative) Act 2011</i> (Cth);</li> <li>b) Verified Emission Reductions issued under the Gold Standard program;</li> <li>c) Verified Carbon Units issued under the Verified Carbon Standard program; or</li> <li>d) other offset units that the Minister has notified the proponent in writing meet integrity principles and are based on clear, enforceable and accountable methods.</li> </ol>
<b>Best Practice</b>	A method, process, or technique employed within a particular industry that has consistently shown through research and experience results superior to those achieved by applying other means and can be used as a benchmark.
<b>BTEX</b>	Benzene, toluene, ethylbenzene and xylene
<b>CEO</b>	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 their delegate.
<b>Certified Improvement</b>	An improvement to technology and/or processes approved by the <b>CEO</b> as an improvement that was or would be unlikely to occur in the ordinary

Acronym or Abbreviation	Definition or Term
	<p>implementation of the proposal (disregarding the effect of these conditions), and which is the subject of a report that:</p> <ul style="list-style-type: none"> <li>a) describes the improvement;</li> <li>b) demonstrates that the improvement was or would be unlikely to occur in the ordinary implementation of the proposal (disregarding the effect of these conditions); and</li> <li>c) has been reviewed by a suitably qualified peer reviewer, who has been approved by the <b>CEO</b>, and who confirms that he or she agrees with the conclusions set out in the report.</li> </ul>
<b>Confirmed</b>	Means, at the relevant time, in relation to a plan required to be made and submitted to the <b>CEO</b> , the plan that the <b>CEO</b> confirmed, in writing, meets the requirements of the relevant condition.
<b>Cultural Heritage Government Body</b>	Means, the person appointed Registrar of Aboriginal Sites under the <i>Aboriginal Heritage Act 1972 (WA)</i> .
<b>DCCEEW</b>	The Australian Government Department of Climate Change, Energy, the Environment and Water or any successor department or agency assisting in the administration of the Environment Protection and Biodiversity Conservation Act 1999 (Cth) as amended or replaced from time to time.
<b>DPLH</b>	<p>The Western Australian Department of Planning, Lands and Heritage or any successor department or agency assisting in the administration of the:</p> <ul style="list-style-type: none"> <li>• <i>Aboriginal Heritage Act 1972 (WA)</i> as amended or replaced from time to time, or the</li> <li>• <i>Planning and Development Act 2005 (WA)</i> as amended or replaced from time to time.</li> </ul>
<b>DomGas</b>	Gas supplied to the domestic market.
<b>Emissions Intensity</b>	<b>Proposal GHG Emissions</b> per tonne of <b>LNG</b> produced.
<b>Environmental Quality Criteria</b>	Environmental Quality Criteria represent scientifically based limits of acceptable change to a measurable environmental quality indicator that is important for the protection of the associated Marine Environmental Value.
<b>Environmental Quality Objectives</b>	Environmental quality objectives are high level management objectives that describe what must be

Acronym or Abbreviation	Definition or Term
	achieved to protect each Marine Environmental Value. They are measurable and should be incorporated into the key objectives for environmental quality monitoring and management plans.
<b>Greenhouse gas or GHG</b>	Has the meaning given by section 7A of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
<b>GHG Emissions or CO<sub>2</sub>-e</b>	Greenhouse gas emissions expressed in tonnes of carbon dioxide equivalent (CO <sub>2</sub> -e) as calculated in accordance with the definition of 'carbon dioxide equivalence' in section 7 of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth), or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
<b>ha</b>	Hectare.
<b>International industry best practice</b>	A method, process, or technique employed within a particular industry that has consistently shown through research and experience results superior to those achieved by applying other means, and can be used as a benchmark.
<b>Operational life of proposal</b>	Issue date of this Statement up to 31 December 2070.
<b>LNG</b>	Liquefied Natural Gas.
<b>LNG Processing train</b>	A standalone unit used to make LNG that employs equipment to shrink gas in a series of processes.
<b>Marine Environmental Values</b>	In the marine environment the environmental values that would apply throughout WA coastal waters: <ul style="list-style-type: none"> <li>• ecosystem health;</li> <li>• fishing and aquaculture;</li> <li>• recreation and aesthetics;</li> <li>• industrial water supply; and</li> <li>• cultural and spiritual.</li> </ul>
<b>Murujuga</b>	The Ngarluma-Yaburara name for the Dampier Archipelago including the Burrup Peninsula and surrounds.
<b>Murujuga Key Stakeholders</b>	Means the following: <ul style="list-style-type: none"> <li>• Murujuga Aboriginal Corporation; and</li> </ul>



Acronym or Abbreviation	Definition or Term
	<ul style="list-style-type: none"> <li data-bbox="577 376 1388 412">• Ngarluma Yindjibarndi Foundation Ltd.</li> </ul>
<b>Murujuga Rock Art Monitoring Program</b>	The State Government managed program to monitor, evaluate and report on changes and trends in the integrity or condition of the Murujuga rock art and whether the rock art is being subject to accelerated change – specifically to determine whether anthropogenic emissions are accelerating the natural weathering of the rock art.
<b>Mtpa</b>	Million tonnes per annum.
<b>Net GHG Emissions</b>	<b>Proposal GHG Emissions</b> for a period less any reduction in <b>GHG Emissions</b> represented by the cancellation or retirement of <b>Authorised Offsets</b> which comply with the <b>Timing and Reporting Requirements</b> .
<b>Non-Reservoir Emissions</b>	<b>Proposal GHG Emissions</b> other than <b>Reservoir Emissions</b> .
<b>Non-Reservoir Emissions Intensity</b>	<b>Non-Reservoir Emissions</b> per tonne of LNG produced from the proposal.
<b>NWSJV</b>	North West Shelf Joint Venture.
<b>NO<sub>x</sub></b>	Oxides of nitrogen.
<b>Proposal GHG Emissions</b>	<b>GHG Emissions</b> released to the atmosphere as a direct result of an activity or series of activities that comprise/s or form/s part of the proposal.
<b>Practicable</b>	As defined in the <i>Environmental Protection Act 1986</i> as amended or replaced from time to time.
<b>Reservoir Emissions</b>	<b>Proposal GHG Emissions</b> that were separated (from natural gas or products produced from extracted hydrocarbons) in an acid gas removal unit and released unused and unprocessed.
<b>Reservoir Emissions Intensity</b>	<b>Reservoir GHG Emissions</b> per tonne of LNG produced from the proposal.
<b>SO<sub>x</sub></b>	Sulfur oxides.
<b>Timing and Reporting Requirements</b>	<p data-bbox="577 1729 1388 1809">The Timing and Reporting Requirements are that the Authorised Offsets:</p> <p data-bbox="577 1818 1388 1948">a) were cancelled or retired between 1 January of the relevant period until 31 March in the year after the period ends (or such other date within that calendar year as agreed in writing by the <b>CEO</b>);</p>

Acronym or Abbreviation	Definition or Term
	b) have been identified as cancelled or retired in the relevant report as required by condition 2-11(1)(b)(iv); c) have not been identified as cancelled or retired in any prior report as required by condition 2-11(1)(b)(iv); d) have not been used to offset any <b>GHG Emissions</b> other than <b>Proposal GHG Emissions</b> ; and e) were not generated by avoiding <b>Proposal GHG Emissions</b> .
<b>Total Emissions Intensity</b>	<b>Proposal GHG Emissions</b> per tonne of <b>LNG</b> produced from the proposal.
<b>tpa</b>	Tonnes per annum.
<b>VOCs</b>	Volatile organic compounds.

**Figures (attached)**

Figure 1 North West Shelf Project Extension Proposal development envelope.

Figure 2 North West Shelf Project Extension Proposal onshore development envelope and King Bay Supply Base development envelope.

Figure 3: Jetty outfall levels of ecological protection.

Figure 4 Administration drain levels of ecological protection.

## Schedule 1

Co-ordinates defining the areas shown in Figures 1, 2, 3 and 4 are held by the Department of Water and Environmental Regulation (DWER) under the following reference numbers:

- North West Shelf Project Extension Proposal development envelope – DWERDT296281
- Levels of ecological protection DWERDT506981
- Jetty outfall and Administrative drain DWERDT573558.

All co-ordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 1994 (GDA94).

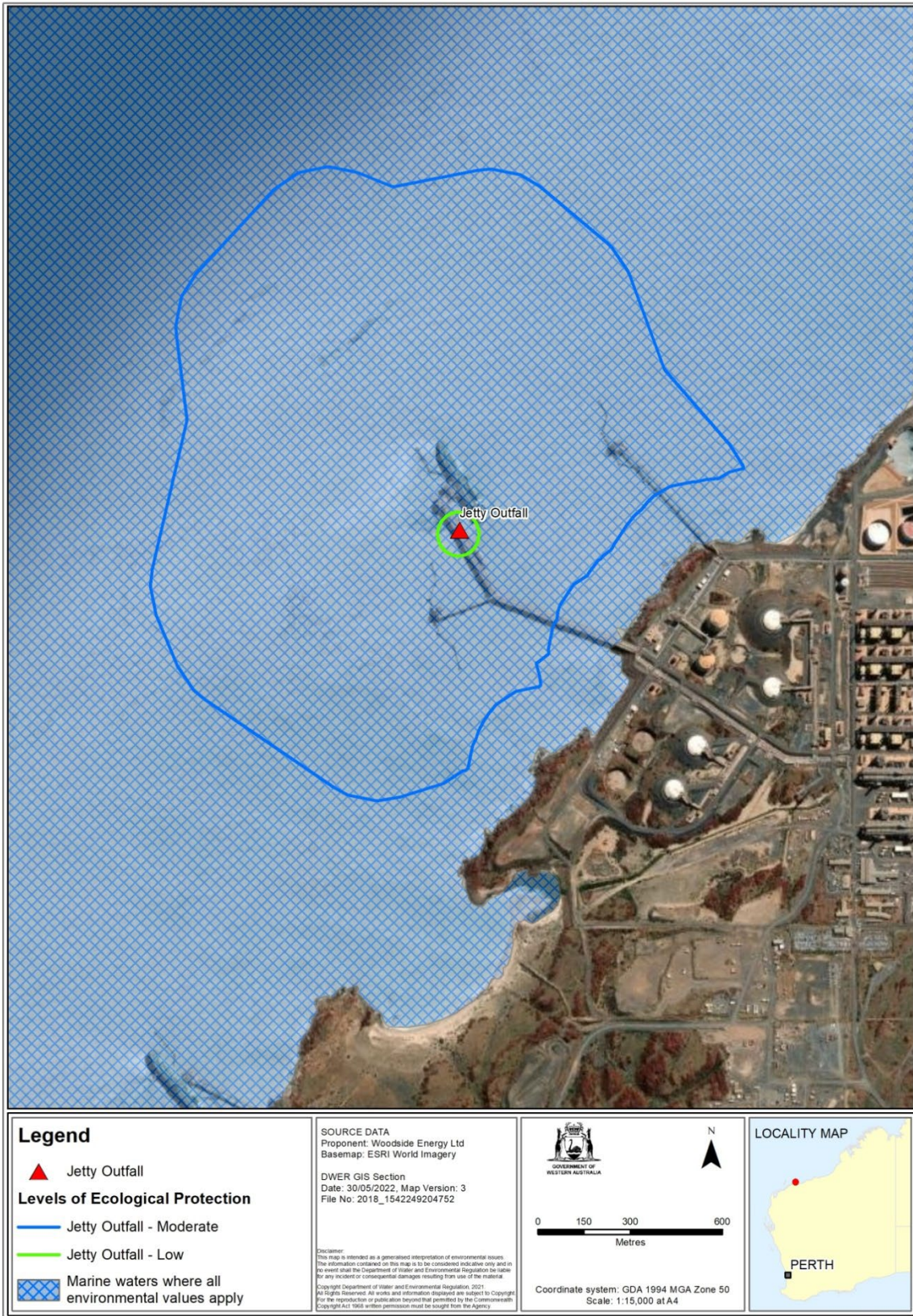


Figure 1: North West Shelf Project Extension Proposal development envelope



**Figure 2: North West Shelf Project Extension Proposal onshore development envelope and King Bay Supply Base development envelope**





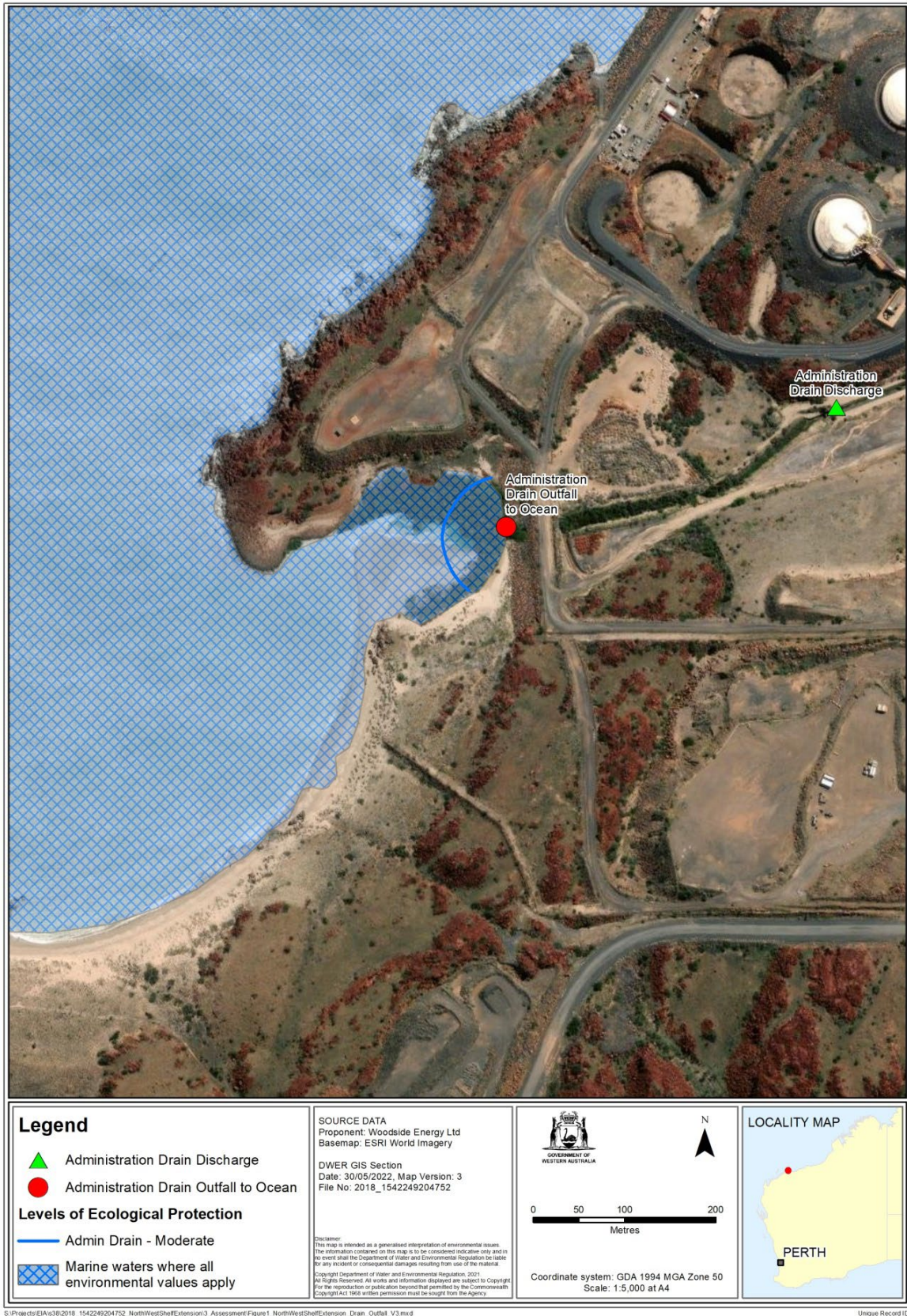
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Unique Record ID

**Figure 3: Jetty outfall levels of ecological protection**

Note: all environmental values will be protected in marine waters. For ecosystem health a high level of ecological protection will be met, except where indicated.





**Figure 4: Administration drain levels of ecological protection**

Note: all environmental values will be protected in marine waters. For ecosystem health a high level of ecological protection will be met, except where indicated.