Australian Government

Department of Climate Change, Energy, the Environment and Water

Notification of approval decision

North West Shelf Project Extension, Carnarvon Basin, WA (EPBC 2018/8335)

This decision is made under section 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Note that section 134(1A) of the EPBC Act also applies to this approval. That provision provides, in general terms, that if the approval holder authorises another person to undertake any part of the Action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such conditions.

Approved Action

person to whom the approval is granted (approval holder)	Woodside Energy Ltd ACN: 005 482 986
Action	To continue and extend the operating life of the North West Shelf (NWS) Project through the long-term processing of third-party gas and fluids and NWS Joint Venture field resources through the NWS Project facilities See EPBC Act referral 2018/8335

Approval decision

decision	My decision on whether or not to approve the taking of the Action for the purposes of the controlling provision for the Action is as follows.	
	Controlling Provision	**Decision**
	National Heritage values of a national heritage place (section 15B and section 15C)	Approved
period for which the approval has effect	This approval has effect until 31 December 2070.	
conditions of approval	The approval is subject to conditions under the EPBC Act as set out in Annexure A.	

Person authorised to make decision

name and position	Senator the Hon Murray Watt, Minister for the Environment and Water
signature	12/9/25
date of decision	

Annexure A

Note: Words and terms appearing in **bold** (excluding headings) have the meaning assigned to them at **Part C – Definitions**.

Part A – Avoidance and mitigation

1) To avoid and mitigate **harm** to **protected matters**, the approval holder must comply with condition 1 of the **Western Australian approval.**

2) The approval holder must not:

    a) **clear** outside of the **development envelope**; and

    b) **construct** outside of the **development envelope**.

3) To avoid and minimise direct **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place**, the approval holder must:

    a) comply with condition 4 of the **Western Australian approval,**

    Note: Among other things, this condition of the Western Australian approval requires the approval holder to implement a Cultural Heritage Management Plan.

    b) submit to the **department**, within 5 **business days** of it being confirmed by the **CEO**, each **approved North West Shelf Project Extension Cultural Heritage Management Plan**;

    c) publish on the **website**, within 10 **business days** of it being approved by the **CEO**, each **approved North West Shelf Project Extension Cultural Heritage Management Plan**; and

    d) keep each a**pproved North West Shelf Project Extension Cultural Heritage Management Plan** published on the **website** until the expiry of this approval.

4) To avoid and minimise **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place**, the approval holder must:

    a) comply with condition 3-1 to condition 3-13 of the **Western Australian approval**,

    Note: Among other things, under these conditions of the Western Australian approval, the approval holder is required to implement an Air Quality Management Plan. The WA Minister can also notify the approval holder of air quality standards or objectives, including those derived from the results of the Murujuga Rock Art Monitoring Program. If so, the approval holder is required to revise the Air Quality Management Plan to set out the measures that will be taken to comply with those objectives and standards.

    b) submit to the **department**, within 5 **business days** of it being confirmed by the **CEO**, each **approved North West Shelf Project Extension Air Quality Management Plan**;

    c) publish on the **website**, within 10 **business days** of it being approved by the **CEO**, each **approved North West Shelf Project Extension Air Quality Management Plan**; and

d) keep each **approved North West Shelf Project Extension Air Quality Management Plan** published on the **website** until the expiry of this approval.

5) To avoid and mitigate **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place** arising from **air emissions**, the approval holder must:

a) ensure that **NOx** emissions as a result of the Action do not exceed the **relevant NOx concentration limits** under **normal operating conditions**; and

b) ensure that total annual **NOx** emissions as a result of the Action do not exceed the **relevant annual NOx limit** in any 12-month period.

Note: Annual means for any 12-month period, for example from 1 May to 30 April or 1 September to 31 August.

6) To avoid and mitigate **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place** arising from **air emissions**, the approval holder must from the commencement of the action and thereafter until the **completion of the Action** ensure that **SO_2** emissions as a result of the Action do not exceed 100 tonnes in any 12-month period.

7) To avoid and mitigate **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place** arising from **air emissions**, the approval holder must ensure that total annual **VOCs** emissions as a result of the Action do not exceed the **relevant annual VOCs limit** in any 12-month period.

8) To avoid and mitigate **harm** to the **Dampier Archipelago (including Burrup Peninsula) National Heritage Place** arising from **air emissions** the approval holder must, until the **completion of the Action**, ensure that the average annual **CO, CO_2, CH_4** and **PM** emissions produced as a result of the Action are no greater than the **CO, CO_2, CH_4** and **PM** emissions produced in the 12 months preceding the date of this approval decision.

9) The approval holder must:

a) comply with Condition 2-4 and Condition 2-5 of the **Western Australian Approval**;

b) undertake the analyses of **international and Australian industry best practice** emissions reductions as required by Condition 3-5(6-7) of the **Western Australian Approval**; and

c) implement **international and Australian industry best practice** emissions reduction technology to minimise **air emissions**.

10) The approval holder must:

a) by 30 June 2030 implement **continuous emission monitoring** or predictive emission monitoring of **air emissions** at all **point sources** except for flares; and

b) before commencing **third-party gas processing,** and thereafter until the **completion of the Action,** implement **continuous emission monitoring** of **air emissions** at all **point sources** except for flares.

11) The approval holder must, by 30 June 2030, implement monitoring of **air emissions** that:

a) describes and quantifies **air emissions** from **point sources** arising from the Action;

b) aggregates data enabling hourly, daily, monthly and 12-monthly reporting of **air emissions**;

c) for **continuous emissions monitoring** is consistent with the monitoring requirements of the **approved CEMS methods** or an equivalent which has been reviewed and endorsed by one or more **independent persons with suitable technical expertise**;

d) must be capable of demonstrating that the **air emissions** limits in conditions 5, 6, 7 and 8 have not been exceeded; and

e) has been designed by a **suitably qualified air quality expert** and reviewed and endorsed by one or more **independent persons with suitable technical expertise**.

12) To avoid and mitigate **air emissions** arising from the Action, the approval holder must implement leak detection and mitigation which has been designed by a **suitably qualified air quality expert** and reviewed and endorsed by one or more **independent person with suitable technical expertise.**

13) Publish on the **website** every year a report that demonstrates the efficacy of the leak detection and mitigation required by Condition 12.

14) The approval holder must retain all emissions **monitoring data** at least until the expiry date of this approval. The approval holder must publish emissions **monitoring data** if requested by the **department** within 20 **business days**.

15) The approval holder must, at the same time as publishing each **compliance report**, publish on the **website** a report of the emissions **monitoring data** collected as required by Condition 10 until the expiry date of this approval. Each report must:

a) Report on each successive 12-month period commencing from the **commencement of the Action**;

b) Report on all **air emissions** arising from the **Action**;

c) Describe related **plant activities** and **meteorological data** during that period;

d) Explicitly detail any instance of the emissions monitoring not being consistent with condition 11;

e) Include daily averages of the emissions **monitoring data** for each analyte, with the full emissions monitoring dataset to be published in electronic format together with the report; and

f) Have the data and the analysis underlying each report, and each report, audited by an **independent person with suitable technical expertise** and publish on the **website** within 40 **business-days** of publication of the **compliance report**, the report of the **independent person with suitable technical expertise**.

16) The approval holder must notify the **department** in writing if it detects that any **air emission** arising from the Action has exceeded a limit specified in Conditions 5, 6, 7 or 8. Such notification must be made within two **business days** of the approval holder becoming aware of the exceedance.

Note: all **air emissions** arising from the **Action** includes what is measured in condition 11, flaring and **fugitive sources**.

Part B – Administrative conditions

SUBMISSION AND PUBLICATION OF PLANS

17) Wherever these conditions require the approval holder to submit any **plan** to the **department**, all such **plans** must be submitted to the **department** electronically.

18) Unless otherwise agreed to in writing by the **Minister**, the approval holder must publish each **plan** on the **website** within 15 **business days** of the date:

    a) of this approval, if the version of the **plan** to be implemented is specified in these conditions;

    b) the **plan** is approved by the **Minister** in writing, if the **plan** requires the approval of the **Minister**;

    c) the **plan** is approved by a state government official as required under a **Western Australian approval** condition which must be complied with in accordance with these **EPBC Act** conditions; or

    d) the **plan** is submitted to the **department** in accordance with a requirement of these conditions, if the **plan** does not require the approval of the **Minister.**

19) The approval holder must keep all **plans** published on the **website**, in a format that is easily accessible and downloadable, from the first date which that **plan** must be published and until the expiry date of this approval. This requirement applies to all current and superseded versions of **plans**.

MODIFICATIONS TO STATE OR TERRITORY APPROVAL

20) The approval holder must notify the **department** in writing of any proposed change to the **Western Australian approval** that may relate to **protected matters** within 2 **business days** of formally proposing such a change and within 5 **business days** of becoming aware of any proposed change.

21) The approval holder must notify the **department** in writing of any change to the **Western Australian approval** conditions that may relate to **protected matters**, within 5 **business days** of such a change to conditions coming into effect. Such notification must include a copy of the changed **Western Australian approval** conditions showing what changes have been made.

COMMENCEMENT OF THE ACTION

22) The approval holder must notify the **department** electronically of the date of **commencement of the Action**, within 5 **business days** following **commencement of the Action**.

23) The approval holder must not **commence the Action** later than 5 years after the date of this approval decision.

24) The approval holder must notify the **department** electronically of the date of commencement of **third-party gas processing** within 5 **business days** following commencement of **third-party gas processing**.

COMPLIANCE RECORDS

25) The approval holder must maintain accurate and complete **compliance records** and document the procedure for recording and storing **compliance records**.

26) If the **department** makes a request in writing, the approval holder must provide electronic copies of **compliance records** to the **department** within the timeframe specified in the request.

Note: Compliance records may be subject to audit by the **department**, or by an **independent auditor** in accordance with section 458 of the **EPBC Act**, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the **department's** website or through the general media.

27) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guidelines for biological survey and mapped data*, Commonwealth of Australia 2018, or as otherwise specified by the **Minister** in writing.

28) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guide to providing maps and boundary data for EPBC Act projects*, Commonwealth of Australia 2021, or as otherwise specified by the **Minister** in writing.

29) The approval holder must submit all **monitoring data**, surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the **department** within 20 **business days** of the next anniversary of the date of this approval decision] except where otherwise specified in a **plan**.

ANNUAL COMPLIANCE REPORTING

30) The approval holder must prepare a **compliance report** for each **Annual Compliance Report period (ACR period)**.

31) The approval holder must ensure each **compliance report** includes:

    a) accurate and complete details of compliance and any non-compliance with:

        i) each condition imposed under **Western Australian approval**, if a condition attached to this approval decision requires compliance with **Western Australian approval**;

        ii) each condition attached to this approval decision; and

iii) all commitments made in each **plan**;

b) a schedule of all **plans** in effect in relation to these conditions during the **ACR period**;

c) accurate and complete details of how each **plan** was implemented during the **ACR period**; and

d) if any **incident** occurred, accurate and complete details of each **incident**.

32) The approval holder must ensure each **compliance report** is completed to the satisfaction of the **Minister** and is consistent with the *Annual Compliance Report Guidelines*, Commonwealth of Australia 2023.

33) The approval holder must, within 20 **business days** following the end of each **ACR period**, in a format that is easily accessible and downloadable, publish on the **website**:

a) each **compliance report**; and

b) a **shapefile** showing all **clearing** of **protected matters**, and their habitat, undertaken within the **ACR period**.

34) The approval holder must:

a) Exclude or redact **sensitive biodiversity data** from each **compliance report** and **shapefile** published on the **website** or otherwise provided to a member of the public;

b) If **sensitive biodiversity data** is excluded or redacted from a version of a **compliance report** published or otherwise provided to a member of the public, submit the full **compliance report** to the **department** within 5 **business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public; and

c) If **sensitive biodiversity data** is excluded or redacted from a version of a **shapefile** published or otherwise provided to a member of the public, submit the full **shapefile** to the **department** within 5 **business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public.

35) The approval holder must notify the **department** electronically, within 5 **business days** of each date of publication that the **compliance report** has been published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **compliance report** and related **shapefile** are published on the **website**.

36) The approval holder must keep each **compliance report** and related **shapefile** published on the **website** from the first date which that **compliance report** must be published and until the expiry date of this approval.

Note: Compliance reports may be published on the **department's** website.

REPORTING NON-COMPLIANCE

37) The approval holder must notify the **department** electronically, within 2 **business days** of becoming aware of any **incident**. The approval holder must specify in each notification:

    a) any condition or commitment made in a plan which has not been, or may have not been, complied with;

    b) a short description of the **incident**; and

    c) the location (if applicable, including co-ordinates), date and time of the **incident**.

38) The approval holder must provide to the **department** in writing, within 12 **business days** of becoming aware of an **incident**, the details of that **incident**. The approval holder must specify:

    a) all corrective measures and investigations which the approval holder has already taken in respect of the **incident**;

    b) the potential impacts of the **incident**;

    c) the method and timing of any corrective measures that the approval holder proposes to undertake to address the **incident**; and

    d) any variation of these conditions or revision of a **plan** that will be required to prevent recurrence of the **incident** and/or to address its consequences.

INDEPENDENT AUDIT

39) The approval holder must ensure that an **independent audit** of compliance with the conditions is conducted for every **audit period**.

40) The approval holder must submit details of the proposed **independent auditor** and their qualifications to the **department** within 10 **business days** following the end of each **audit period**.

41) The approval holder must ensure the scope of each **independent audit** is sufficient to determine the compliance status for each condition of approval, and each commitment made in each **plan**.

42) The approval holder must ensure the criteria for each **independent audit** and the undertaking of each **independent audit** are consistent with the **Independent Audit and Audit Report Guidelines**.

43) The approval holder must submit an **audit report** to the **department** for written agreement from the **department** within 3 months following the end of each **audit period**, or as otherwise directed by the **Minister** in writing.

44) The approval holder must ensure each **audit report** is completed to the satisfaction of the **Minister** and is consistent with the **Independent Audit and Audit Report Guidelines** to the extent that the **Independent Audit and Audit Report Guidelines** are consistent with these conditions.

45) The approval holder must publish each **audit report** on the **website**, in a format that is easily accessible and downloadable, within 10 **business days** of the date the **department** agrees to that **audit report** in writing.

46) The approval holder must notify the **department** within 5 **business days** of the date the **audit report** is published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **audit report** is published on the **website**.

47) The approval holder must keep each **audit report** published on the **website** from the first date which that **audit report** must be published and until the expiry date of this approval.

COMPLETION OF THE ACTION

48) Within 20 **business days** after the **completion of the Action**, and, in any event, at least 20 **business days** prior to the expiry date of this approval, the approval holder must notify the **department** electronically of the date of **completion of the Action** and provide **completion data**. The approval holder must submit any spatial data that comprises **completion data** as a **shapefile**.

Part C – Definitions

Words and terms appearing in **bold** (excluding headings) have the meaning assigned to them in the list below:

Air emissions means **emissions** from **point sources** or **fugitive sources** of:

- nitrogen oxides (**NOx**),
- sulfur dioxide (**SO_2**),
- carbon monoxide (**CO**),
- carbon dioxide (**CO_2**),
- volatile organic compounds (**VOCs**),
- methane (**CH_4**),
- ammonia (**NH_3**)*,
- particulate matter (**PM**) including PM2.5 and PM10.

* ammonia is only required to be measured under conditions 10 and 11 if Selective Catalytic Reduction technology is implemented.

Annual Compliance Report period or **ACR period** means each subsequent 12-month period following the date of this approval decision until the expiry date of this approval, unless otherwise specified in writing by the **Minister**.

Approved CEMS methods means the document *Continuous Emissions Monitoring System (CEMS) Code for Stationary Source of Air Emissions*, Government of Western Australia DWER (2019) and *Approved methods for the sampling and analysis of air pollutants in NSW*, New South Wales Environment Protection Authority (2022).

Approved North West Shelf Project Extension Cultural Heritage Management Plan means the Cultural Heritage Management Plan most recently confirmed by the **CEO** as provided for under Condition 4 of the **Western Australian approval**.

Approved North West Shelf Project Extension Air Quality Management Plan means the Air Quality Management Plan most recently confirmed by the **CEO** as provided for under Condition 3-5 of the **Western Australian approval**.

Audit period means each subsequent five-year period following the **commencement of the Action** until the expiry date of this approval unless otherwise specified in writing by the **Minister**.

Audit report means a written report of an **independent audit**.

Business day means a day that is not a Saturday, a Sunday, or a public holiday in Western Australia.

CEO means the Chief Executive Officer of the Western Australian Department of the Public Service of the State responsible for the administration of section 48 of the Western Australian *Environmental Protection Act 1986*, or their delegate.

CH_4 means methane.

Clear, **cleared** or **clearing** means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting, or burning of vegetation.

Commence the Action or **commences the Action** means the first instance of any physical activity associated with the Action.

Commencement of the Action means the date on which the approval holder **commences the Action**.

Completion data means an environmental report and spatial data clearly detailing how the conditions of this approval have been met.

Completion of the Action means the date on which all activities associated with the approved Action, other than those which provide compensation for the impacts of the Action, have permanently ceased and/or been completed.

Compliance records means all documentation or other material in whatever form required to demonstrate compliance with these conditions of approval (including compliance with commitments made in **plans**) in the approval holder's possession, or that are within the approval holder's power to obtain lawfully.

Compliance report means a written report of compliance with, and fulfilment of, these conditions (including compliance with commitments made in **plans**).

Construct means:

- the erection of a building or structure that is, or is to be, fixed to the ground and wholly or partially fabricated on-site,
- the alteration, maintenance, repair or demolition of any building or structure,
- any work which involves breaking of the ground (including pile driving) or bulk earthworks,
- the laying of pipes and other prefabricated materials in the ground, and
- any associated excavation work.

Construction does not include the installation of temporary fences or signage.

Continuous emission monitoring means the continuous, automated measurement and recording of pollutants or other parameters emitted from industrial processes.

CO carbon monoxide

CO_2 means carbon dioxide .

Dampier Archipelago (including Burrup Peninsula) National Heritage Place means the National Heritage Place per Gazette Notice No. S127.

Department means the Australian Government agency responsible for administering the **EPBC Act**.

Development envelope means the location of the Action, represented in Attachment A by the terrestrial zones enclosed by the solid red line designated 'Development Envelope'.

Emissions means release of a substance into the environment, whether in pure form, or contained in other matter, and/or in solid, liquid, or gaseous form as a result of industrial processes.

EPBC Act means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).

Fugitive sources means **emissions** that are not released via a vent or stack. Examples of fugitive emissions include exhaust emissions from vehicles, evaporative emissions from vehicle fuel tanks, volatilisation of vapour from vats or fuel and other volatile organic liquid storage tanks, open vessels, spills and materials handling. Emissions from ridgeline roof vents, louvers and open doors of a building, equipment leaks, valve leaks and flanges are also examples of fugitive emissions.

Harm means to cause any measurable direct or indirect disturbance or deleterious change as a result of any activity associated with the Action.

Incident means any:

- event which has the potential to, or does, **harm** any **protected matter**,
- potential non-compliance with these conditions, including the administrative requirements,
- actual non-compliance with these conditions, including the administrative requirements,
- potential non-compliance with one or more commitment made in a **plan**, and/or
- actual non-compliance with one or more commitment made in a **plan**.

Independent audit means an audit, conducted by an **independent auditor**, of compliance with and fulfilment of these conditions and the commitments made in **plans**, objectively evaluated against the audit criteria developed by the **independent auditor**, in accordance with the **Independent Audit and Audit Report Guidelines** to the extent that the **Independent Audit and Audit Report Guidelines** are consistent with these conditions.

Independent Audit and Audit Report Guidelines means the *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines*, Commonwealth of Australia 2019.

Independent auditor means a person, or firm, who:

- does not have any individual, financial*, employment* or family affiliation or any conflicting interests with the Action, the approval holder or the approval holder's staff, representatives, or associated persons,
- has demonstrated experience in undertaking government-regulated environmental compliance audits, and
- holds relevant professional qualifications and accreditations.

*Other than for the purpose of undertaking the role for which the person, or firm, is required.

Independent person with suitable technical expertise means a suitability qualified expert who has relevant professional qualifications and at least 5 years of work experience related to measuring and monitoring air **emissions** and can give authoritative, independent assessment, advice and analysis on measuring and monitoring air **emissions** using relevant protocols, methods and literature.

International and Australian industry best practice means a method, process, or technique that has been consistently shown through research and experience to achieve superior outcomes (as required by the conditions attached to this approval decision) to those achieved by applying previous means.

LNG means Liquified Natural Gas.

Meteorological data means data describing atmospheric conditions in the vicinity of the Action including wind direction, wind speed, temperature, relative humidity, atmospheric pressure, solar radiation, and rainfall.

mg/m^3 means milligrams per cubic metre, expressed at 0° Celsius, 101.325 kilopascals and dry.

Minister means the Australian Government Minister administering the **EPBC Act**, including any delegate thereof.

Monitoring data means the data required to be recorded under the conditions of this approval, including **sensitive biodiversity data**.

Normal operating conditions means any operation of a particular process (including abatement equipment). Normal operation conditions exclude start-up, shut-down, maintenance, testing, equipment malfunction, abnormal process upsets, emergency response.

NOx means nitric oxide (NO) and nitrogen dioxide (NO_2).

Plan means any action management plan or strategy that the approval holder is required by these conditions to implement.

Plant activities means the number of plant or equipment operating and emitting during the reporting period, the installation of **emission** reduction equipment, the monitored points of **emission**, and transient events such as production rates, flaring, venting, leaks, spills, leaks, volumetric flow rates and flux velocities, source of input hydrocarbon products, their chemical constituents, concentrations, and any other related information concerning influences on detected **emissions**.

PM means particulate matter (including PM2.5 and PM10).

Point source means a known confined release or escape point such as a hydrocarbon pressure vent, the exhaust system of a boiler, or the exhaust system of stationary combustion engine powered equipment.

ppmv means parts per million by volume.

Protected matter means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.

Relevant annual NOx limit, for a 12-month period ending within the period specified in Column A of the following table, is the value given in Column B. The mass of NOx emitted refers to the mass of nitric oxide (NO) and nitrogen dioxide (NO_2) expressed as the equivalent mass of nitrogen dioxide (NO_2).

Relevant annual NOx Limit	
Column A:	**Column B:**
Period	**Relevant annual NOx limit (tonnes)**
1 January 2031 - 31 December 2035	3065
1 January 2036 – 31 December 2040	2682
1 January 2041 – 31 December 2045	2299
1 January 2046 – 31 December 2050	1916
1 January 2051 – 31 December 2055	1533
1 January 2056 – 31 December 2060	1150
From 1 January 2061	767

Relevant NOx concentration limits within the period specified in Column A for the following table, is the value given in Column B and at the emission points given in Column C. The mass of NOx emitted refers to the mass of nitric oxide (NO) and nitrogen dioxide (NO_2) expressed as the equivalent mass of nitrogen dioxide (NO_2) measured dry, reference to standard temperature and pressure (STP), and at a 15% O2 reference level.

Relevant NOx Concentration Limit		
Column A	**Column B**	**Column C**
Period	**Relevant concentration**	**Emission points**
1 January 2031 to 31 December 2040	62 **mg/m^3** [30 **ppmv**] at a 15% O_2 reference level	In each stack for LNG processing trains, and turbines for power generation.
1 January 2041 to **completion of the Action**	62 **mg/m^3** [30 **ppmv**] at a 15% O_2 reference level	In each stack for LNG processing trains, domestic gas processing equipment, and turbines for power generation.

Relevant annual VOCs limit, for a 12-month period ending within the period specified in Column A of the following table, is the value given in Column B.

Relevant annual VOCs Limit	
Column A:	**Column B:**
Period	**Relevant annual VOCs limit (tonnes)**
1 January 2031 - 31 December 2035	10557
1 January 2036 – 31 December 2040	9677
1 January 2041 – 31 December 2045	8797
1 January 2046 – 31 December 2050	7917
1 January 2051 – 31 December 2055	7037
1 January 2056 – 31 December 2060	6157
From 1 January 2061	5277

Sensitive biodiversity data means **biodiversity data** which, if released, published or otherwise exposed, may result in **harm** to the relevant **protected matter** as a result of the intentional or unintentional misuse of that **biodiversity data**.

Shapefile means location and attribute information about the Action provided in an Esri shapefile format containing:

- '.shp', '.shx', '.dbf' files,
- a '.prj' file which specifies the projection or geographic coordinate system used, and
- an '.xml' metadata file that describes the shapefile for discovery and identification purposes.

SO_2 means sulfur dioxide.

Suitably qualified air quality expert means a person who has relevant professional qualifications and:

- at least 5 years of work experience writing and evaluating the effectiveness of **emission** reduction and detection plans,
- has implemented and reported on **emission** reduction and detection plans, and can demonstrate the implementation of those plans achieved the required air quality outcomes, and
- can give authoritative assessment and advice on methods of reliably monitoring airborne **emissions** using relevant protocols, standards, methods and literature.

Third-party gas processing means the processing of gas as part of the Action sourced other than from the North West Shelf Joint Venture (NWSJV), or through the Pluto-North West Shelf Interconnector or Burrup Extension Pipeline.

VOCs means volatile organic compounds including benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEX-N).

Website means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

Western Australian approval means the document titled Ministerial Statement 1233 dated 12 December 2024, as existing from time to time.

Attachment

A: North West Shelf Extension Development Envelope