



Works Approval Number	W6299/2019/1
Works Approval Holder	Woodside Burrup Pty Ltd
ACN	120 237 416
Registered business address	11 Mount Street PERTH WA 6000
File Number	DER2019/000453
Duration	11/02/2020 to 10/02/2023
Date of issue	11/02/2020
Premises details	Pluto LNG Project – Crushing and Screening Plant Part Lot 572 on Deposited Plan 28209 BURRUP WA 6714 As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 12: Screening, etc. of material	270,000 tonnes per annum

This Works Approval is granted to the Works Approval Holder, subject to the following conditions, on **11 February 2020**, by:

Manager, Process Industries

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Explanatory notes

These explanatory notes do not form part of this Works Approval.

Defined terms

Definition of terms used in this Works Approval can be found at the start of this Works Approval. Terms which are defined have the first letter of each word capitalised throughout this Works Approval.

Department of Water and Environmental Regulation

The Department of Water and Environmental Regulation (DWER) is established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V, Division 3 of the *Environmental Protection Act 1986* (WA) (EP Act). The Department also monitors and audits compliance with licences and works approvals, takes enforcement action and develops and implements licensing and industry regulation policy.

Works Approval

Section 52 of the EP Act provides that an occupier of any premises commits an offence if any work is undertaken on, or in relation to, the premises which causes the premises to become, or to become capable of being, Prescribed Premises, except in accordance with a works approval.

Section 56 of the EP Act provides that an occupier of Prescribed Premises commits an offence if Emissions are caused or increased or permitted to be caused or increased, or Waste, noise, odour or electromagnetic radiation is altered or permitted to be altered from Prescribed Premises, except in accordance with a works approval or licence.

Categories of Prescribed Premises are defined in Schedule 1 of the *Environment Protection Regulations 1987* (WA) (EP Regulations).

This Works Approval does not authorise any activity which may be a breach of the requirements of another statutory authority including, but not limited to, the following:

- conditions imposed by the Minister for Environment under Part IV of the EP Act;
- conditions imposed by DWER for the clearing of native vegetation under Part V, Division 2 of the EP Act;
- any requirements under the *Waste Avoidance and Resource Recovery Act 2007*;
- any requirements under the *Environmental Protection (Controlled Waste) Regulations 2004*; and
- any other requirements specified through State legislation.

It is the responsibility of the Works Approval Holder to ensure that any action or activity referred to in this Works Approval is permitted by, and is carried out in compliance with, statutory requirements.

The Works Approval Holder must comply with the Works Approval. Contravening a Works Approval Condition is an offence under s.55 of the EP Act.

Responsibilities of Works Approval Holder

Separate to the requirements of this Works Approval, general obligations of Works Approval Holders are set out in the EP Act and the regulations made under the EP Act. For example, the Works Approval Holder must comply with the following provisions of the EP Act:

- the duties of an occupier under s.61; and

- restrictions on making certain changes to Prescribed Premises unless the changes are in accordance with a Works Approval, Licence, closure notice or environmental protection notice (s.53).

Strict penalties apply for offences under the EP Act.

Reporting of incidents

The Works Approval Holder has a duty to report to the Department all Discharges of Waste that have caused or are likely to cause Pollution, Material Environmental Harm or Serious Environmental Harm, in accordance with s.72 of the EP Act.

Offences and defences

The EP Act and its regulations set out a number of offences including:

- Offence of emitting an Unreasonable Emission from any Premises under s.49.
- Offence of causing Pollution under s.49.
- Offence of dumping Waste under s.49A.
- Offence of discharging Waste in circumstances likely to cause Pollution under s.50.
- Offence of causing Serious Environmental Harm (s.50A) or Material Environmental Harm (s.50B).
- Offence of causing Emissions which do not comply with prescribed standards (s.51).
- Offences relating to Emissions or Discharges under regulations prescribed under the EP Act, including materials discharged under the *Environmental Protection (Unauthorised Discharges) Regulations 2004 (WA)*.
- Offences relating to noise under the *Environmental Protection (Noise) Regulations 1997 (WA)*.

Section 53 of the EP Act provides that a Works Approval Holder commits an offence if Emissions are caused, or altered, from a Prescribed Premises unless done in accordance with a Works Approval, Licence or the requirements of a closure notice or an environmental protection notice.

Defences to certain offences may be available to a Works Approval Holder and these are set out in the EP Act. Section 74A(b)(iii) provides that it is a defence to an offence for causing Pollution, in respect of an Emission, or for causing Serious Environmental Harm or Material Environmental Harm, or for discharging or abandoning Waste in water to which the public has access, if the Works Approval Holder can prove that an Emission or Discharge occurred in accordance with a Works Approval.

This Works Approval specifies the Emissions and Discharges, and the limits and Conditions which must be satisfied in respect of specified Emissions and Discharges, in order for the defence to offence provision to be available.

Authorised Emissions and Discharges

The specified and general Emissions and Discharges from the Works authorised through this Works Approval are authorised to be conducted in accordance with the Conditions of this Works Approval.

Amendment of Works Approval

The Works Approval Holder can apply to amend the Conditions of this Works Approval under s.59 of the EP Act. An application form for this purpose is available from DWER.

The CEO may also amend the Conditions of this Works Approval at any time on the initiative of the CEO without an application being made.

Duration of Works Approval

The Works Approval will remain in force for the duration set out on the first page of this Works Approval or until it is surrendered, suspended or revoked in accordance with s.59A of the EP Act.

Suspension or revocation

The CEO may suspend or revoke this Works Approval in accordance with s.59A of the EP Act.

Definitions and interpretation

Definitions

In this Works Approval, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
AS 1940:2017	means Australian Standard 1940:2017 The storage and handling of flammable and combustible liquids
Category/ Categories/ Cat.	Categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 JOONDALUP DC WA 6027 Telephone: (08) 6367 7000 Facsimile: (08) 6367 7001 Email: info@dwer.wa.gov.au
C&S Plant	Crushing and screening plant
Delegated Officer	an officer under section 20 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
Existing Licence	The Licence L8752/2013/2 issued under Part V, Division 3 of the EP Act and in force prior to the commencement of, and during this assessment.
Pollution	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Works Approval applies, as specified at the front of this Works Approval and as shown on the map in Schedule 1 to this Works Approval.
Works	refers to the Works described in Schedule 2, at the locations shown in Schedule 1 of this Works Approval to be carried out at the Premises, subject to the Conditions.
Works Approval	refers to this document, which evidences the grant of the works approval by the CEO under s.54 of the EP Act, subject to the Conditions.
Works Approval Holder	refers to the occupier of the Premises being the person to whom this Works Approval has been granted, as specified at the front of this Works Approval.

Interpretation

In this Works Approval:

- (a) the words 'including', 'includes' and 'include' will be read as if followed by the words 'without limitation';
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a Condition, each row in a table constitutes a separate Condition;
- (d) any reference to an Australian or other standard, guideline or code of practice in this Works Approval means the version of the standard, guideline or code of practice in force at the time of granting of this Works Approval and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the Works Approval; and
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act.

Conditions

Infrastructure and equipment

1. The Works Approval Holder must install and undertake the Works for the infrastructure:
 - (a) specified in Column 1;
 - (b) to the requirements specified in Column 2; and
 - (c) at the location specified in Column 3of Table 2 below.
2. The Works Approval Holder must not depart from the requirements specified in Column 2 of Table 2 except:
 - (a) where such departure does not increase risks to public health, public amenity or the environment; and
 - (b) all other Conditions in this Works Approval are still satisfied.
3. The Works Approval Holder must within 21 days of all items of infrastructure required by Condition 1 being constructed:
 - (a) undertake an audit of their compliance with the requirements of Condition 1; and
 - (b) prepare and submit to the CEO an audit report on that compliance.
4. The report required by Condition 3(b), must be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.
5. Where a departure from the requirements specified in Column 2 of Table 2 occurs and is of a type allowed by Condition 2, the Works Approval Holder must provide to the CEO a description of, and explanation for, the departure along with the audit report required by Condition 3(b).

Table 2: Infrastructure and equipment requirements table

Column 1	Column 2	Column 3
Infrastructure/ Equipment	Requirements (design and construction)	Site plan reference
C&S Plant	<p>A mobile C&S Plant with a design capacity of up to 450 tonne/hr shall be established which includes the following:</p> <ul style="list-style-type: none"> • one scalper fitted with a water spray bar for dust suppression; • one jaw crusher fitted with a water spray bar for dust suppression; • two cone crushers fitted with a water spray bar for dust suppression; • two screens fitted with water spray bars for dust suppression; • two conveyors fitted with water spray bars for dust suppression; • one water storage tank; and • water spray bars for dust suppression on all transfer points. <p>A water cart must be available for dust suppression during establishment of the C&S Plant and shall be operated as required to prevent any visible dust from crossing the boundary of Lot 572 on Deposited Plan 28209.</p>	<p>Within either one of the crusher starting locations shaded in green in the Site Infrastructure layout map in Schedule 1: Maps.</p>
Chemical storage cabinet	A chemical storage cabinet which complies with AS 1940:2017.	<p>Within the area shaded in pink in the Site Infrastructure layout map in Schedule 1: Maps.</p>

Time limited operations phase

6. The Works Approval Holder may only commence time limited operation of the C&S Plant infrastructure specified in Table 2 where the report required by Condition 3(b) has been submitted by the Works Approval Holder.
7. The Works Approval Holder may conduct time limited operation of the C&S Plant infrastructure specified in Table 2 for a period not exceeding 365 calendar days from the day the Works Approval Holder commences operation of the infrastructure in accordance with Condition 6.
8. During the time limited operations phase, the Works Approval Holder must ensure that the infrastructure and equipment listed in Table 3, and located at the corresponding infrastructure or equipment location, is maintained and operated in accordance with the corresponding operational requirement set out in Table 3.

Table 3: Infrastructure and equipment requirements during time limited operations

Site infrastructure and equipment	Operational requirement	Infrastructure or equipment location
C&S Plant	<p>Water spray bars must be in operation whenever the following infrastructure is operated:</p> <ul style="list-style-type: none"> • jaw crusher; • cone crushers; • conveyors; and • screens. <p>Water sprays must be in operation at all transfer points whenever they are in use.</p>	Within either one of the crusher starting locations shaded in green moving into the existing stockpile locations indicated in purple in the Site infrastructure layout map in Schedule 1: Maps.
Processed material stockpile	A water cart with directional cannons shall be operated to prevent visible dust from the processed material stockpiles crossing the boundary of Lot 572 on Deposited Plan 28209.	Within both processed material stockpile locations shaded in blue in the Site infrastructure layout map in Schedule 1: Maps.
Chemical storage cabinet	Chemicals stored on the premises shall be stored within the chemical storage cabinet.	Within the area shaded in pink in the Site infrastructure layout map in Schedule 1: Maps.
Water cart	<p>A minimum 10 kilolitre water cart must be available for dust suppression when any material loading, unloading or movement, or cartage activities are occurring within the premises.</p> <p>The Works Approval Holder shall prevent visible dust generated from material loading, unloading or movement, or cartage activities, conducted on the premises, crossing the boundary of Lot 572 on Deposited Plan 28209.</p>	N/A – mobile equipment
Site drainage and bunding	An earthen bund shall be maintained around the premises boundary that prevents runoff from the C&S plant and processed material stockpiles being discharged from the premises.	NA

9. Within 30 days of ceasing operation of the C&S Plant, the Works Approval Holder shall submit to the CEO a report including, but not limited to;
- the dates on which crushing and screening operations commenced and ceased; and
 - the total amount (in tonnes) of raw material crushed and screening during the time limited operational phase.

Emissions

10. The Works Approval Holder must not cause any Emissions from the Works authorised through this Works Approval except for Specified Emissions described in Column 1 of Table 4, subject to the exclusions, limitations or requirements specified in Column 2, of Table 4.

Table 4: Authorised Emissions table

Column 1	Column 2
Emission type	Exclusions/Limitations/Requirements
Specified Emissions	
Emissions which arise from undertaking the Works set out in Table 2 and undertaking time limited operations in accordance with Conditions 7 and 8.	<p>Emissions excluded from General Emissions are:</p> <ul style="list-style-type: none"> • Unreasonable Emissions; or • Emissions that result in, or are likely to result in, Pollution, Material Environmental Harm or Serious Environmental Harm; or • Discharges of Waste in circumstances likely to cause Pollution; or • Emissions that result, or are likely to result in, the Discharge or abandonment of Waste in water to which the public has access; or • Emissions or Discharges which do not comply with an Approved Policy; or • Emissions or Discharges which do not comply with prescribed standard; or • Emissions or Discharges which do not comply with the conditions in an Implementation Agreement or Decision; or • Emissions or Discharges the subject of offences under regulations prescribed under the EP Act, including materials discharged under the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.

Record-keeping

11. The Works Approval Holder must maintain accurate Books including information, reports and data in relation to the Works and the Books must:
- be legible;
 - if amended, be amended in such a ways that the original and subsequent amendments remain legible or are capable of retrieval;
 - be retained for at least 3 years from the date the Books were made;
 - be available to be produced to an Inspector or the CEO.
 - The Works Approval Holder must comply with a Department Request within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in green in the map below.



Site infrastructure layout map

The indicative layout of the premises infrastructure is shown in the map below.



Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 5.

Table 5: Premises boundary coordinates

ID	Easting	Northing	ID	Easting	Northing
1	476091.67	7720956.12	19	476179.16	7720524.31
2	476087.41	7720924.29	20	476104.71	7720469.39
3	476150.24	7720871.57	21	476001.84	7720591.47
4	476180.64	7720846.06	22	476016.71	7720599.81
5	476147.22	7720804.17	23	476034.71	7720607.52
6	476213.90	7720748.31	24	476030.14	7720616.86
7	476224.24	7720739.41	25	476007.08	7720605.12
8	476255.32	7720761.94	26	475999.93	7720620.04
9	476265.35	7720766.43	27	476040.57	7720637.82
10	476273.35	7720764.61	28	476069.63	7720645.12
11	476280.37	7720760.11	29	476081.85	7720658.46
12	476333.33	7720717.12	30	476082.64	7720668.62
13	476365.35	7720686.41	31	476063.59	7720721.48
14	476281.87	7720589.24	32	476039.94	7720775.14
15	476244.73	7720594.32	33	475991.84	7720758.31
16	476219.96	7720585.59	34	475927.7	7720972.94
17	476207.58	7720574	35	476065.02	7720989.6
18	476199.48	7720563.05	36	476091.67	7720956.12

Schedule 3: Works

At the time of assessment, Emissions and Discharges from the Works and operation of the Works listed in Table 6 were considered in the determination of the risk and related Conditions for the Works Approval.

Table 6: Authorised works

Works	Specifications/Drawings
Mobilisation, establishment and operation of a mobile C&S Plant and its components	NA

Site infrastructure layout

The C&S plant infrastructure and equipment are set out on the Premises in accordance with the site layout specified on the Site infrastructure layout map in Schedule 1.