



Application for Licence

Part V Division 3 of the *Environmental Protection Act 1986*

Licence Number	L9391/2023/1
Applicant	Chevron Australia Pty Ltd
ACN	086 197 757
File number	DER2023/000195
Premises	Wheatstone Project – Construction Workers Accommodation Camp (Village) Lot 1577 Warrirda Road TALANDJI 6710 Part of Lot 1577 on Deposited Plan 72843 Certificate of Title Volume 2779 Folio 398 As defined by the coordinates in Schedule 2 of the licence
Date of report	1 November 2023
Decision	Licence granted

**A/SENIOR ENVIRONMENTAL OFFICER
INDUSTRY REGULATION
REGULATORY SERVICES**

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

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1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the operation of the premises. As a result of this assessment, Licence L9391/2023/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this decision report, the Department of Water and Environmental Regulation (the department; DWER) has considered and given due regard to its regulatory framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary and overview of premises

On 16 March 2023, the applicant submitted an application for a licence to the department under section 57 of the *Environmental Protection Act 1986* (EP Act).

The application is to seek a licence relating to concrete crushing and storage on an existing hardstand at the premises. The premises is approximately 16 km south-west of Onslow and is located within Ashburton North Strategic Industrial Area.

The premises relates to categories 13 and 62 and the assessed production / design capacity under Schedule 1 of the Environmental Protection Regulations 1987 (EP Regulations) which are defined in Licence L9391/2023/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guideline: Risk Assessments* (DWER 2020) are outlined in Licence L9391/2023/1.

The proposed premises is located to the north of the existing Chevron Wheatstone accommodation village. The proposed premises will make use of an existing hardstand constructed of blue metal dust which has previously been used to park buses.

The concrete accepted at the premises will originate from the decommissioned Wheatstone construction reverse osmosis plant and Wheatstone accommodation village. These facilities were constructed during 2011 and 2012; they do not contain asbestos or asbestos containing materials. Remnant metal, plastic and rebar materials found in the concrete will be stockpiled and removed to landfill. It is intended the crushed material will be sold as a product, used by Chevron in future projects or disposed of at landfill.

3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guideline: Risk Assessments* (DWER 2020).

To establish a risk event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

3.1 Source-pathways and receptors

3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises operation which have been considered in this decision report are detailed in Table 1 below. Table 1 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Operation			
Dust	Screening, crushing, unloading, loading and storage of material Vehicle movements	Air / windborne pathway	<ul style="list-style-type: none"> • Stockpiles will be regularly wet down • Water cart used on access tracks during transport of material. • Water cart will be used around the excavator between feeding and loading operations. • Loose stockpile height will be kept to a minimum.
Asbestos			<ul style="list-style-type: none"> • Material accepted from a known source. • Building constructed 2011/2012, no asbestos is present in the source buildings.
Noise			<ul style="list-style-type: none"> • Excavator fitted with noise control. • Crushing limited to daylight hours. • Safety noise limits will be adhered to. • No night works scheduled – contractors require approval from CAPL to work outside designated hours.
Sediment laden stormwater		Overland runoff potentially causing ecosystem disturbance or impacting surface water quality	None proposed

3.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020), the Delegated Officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies, and is provided for under other state legislation.

Table 2 and Figure 1 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental Siting* (DWER 2020)).

Table 2: Sensitive human and environmental receptors and distance from prescribed activity

Receptors	Distance from prescribed activity
Human receptors	
No sensitive human receptors located near the premises	
Environmental receptors	
Surface water – Saline coastal flat	Approximately 2.6 km northwest
Underlying groundwater – Ashburton River Delta Alluvium – Superficial aquifer	<p>Regional information suggests that a superficial aquifer is present in the coastal plain alluvium. The aquifer is typically less than 30 m thick, with groundwater levels being less than 10 m below ground in inland areas and decreasing in depth towards the coast. Groundwater flow is understood to be northwest towards the coast, with discharges into river deltas and the ocean (URS 2010).</p> <p>Investigations undertaken to support the wider Wheatstone Project indicated that groundwater levels in the vicinity of the premises were approximately 2 mbgl and local groundwater flow was towards the north (URS 2010).</p> <p>Groundwater is not considered a relevant receptor for the types of emissions from the proposed activity.</p>

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. Where linkages are in-complete they have not been considered further in the risk assessment.

Where the applicant has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the Delegated Officer considers the applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the licence as regulatory controls.

Additional regulatory controls may be imposed where the applicant's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 3.

Licence L9391/2023/1 that accompanies this decision report authorises emissions associated with the operation of the premises i.e. Category 13 and 62 activities.

The conditions in the issued licence, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

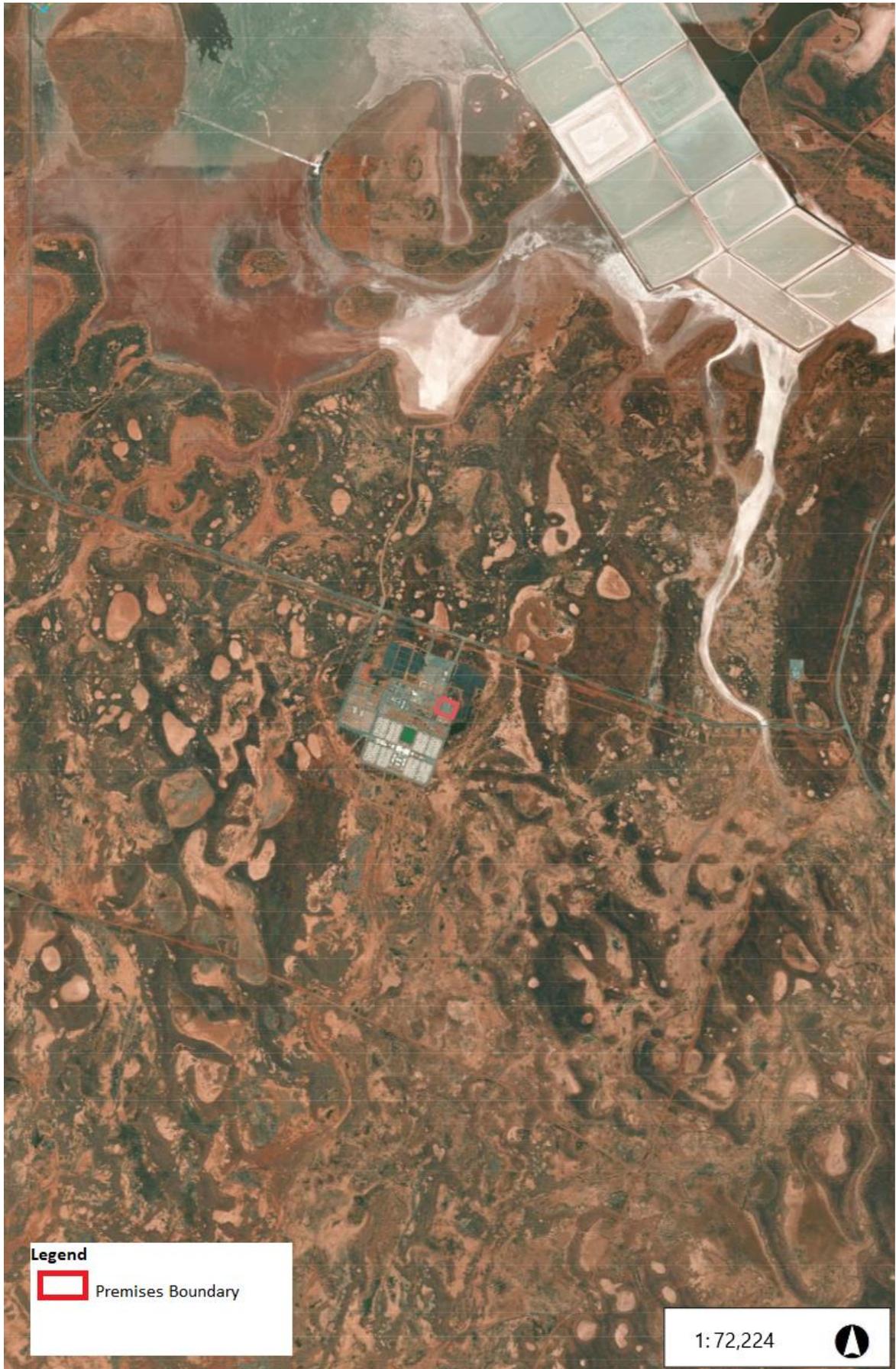


Figure 1: Premises siting

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IR-T13 Decision report template (short) v3.0 (May 2021)

Table 3: Risk assessment of potential emissions and discharges from the premises during operation

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Operation								
Screening, crushing, unloading, loading and storage of material Vehicle movements	Dust	Air / windborne pathway causing impacts to health and amenity	None	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	Condition 1, 4 and 6	N/A
	Asbestos	This risk event is not considered reasonably foreseeable due to the feedstock material being accepted from a single, known source that was constructed in 2011/2012. No asbestos would be present in the source buildings and the source is also under the control of the applicant.						
	Noise	Air / windborne pathway causing impacts to amenity	None	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	Condition 1 and 4	The Environmental Protection (Noise) Regulations 1997 apply
	Sediment laden stormwater	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality	Saline coastal flat (2.6 km northwest)	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	Condition 5	N/A

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk Assessments* (DWER 2020).

Note 2: Proposed applicant controls are depicted by standard text. **bold and underline text** depicts additional regulatory controls imposed by department.

4. Consultation

Table 4 provides a summary of the consultation undertaken by the department.

Table 4: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 29 May 2023	None received	N/A
Local Government Authority advised of proposal on 2 June 2023	None received	N/A
Department of Planning, Lands and Heritage (DPLH) advised of proposal 2 June 2023	The premises is zoned Special Use No. 1, with the proposed activity defined as "Industry – noxious". The applicant must obtain development approval from Western Australian Planning Commission. At the time of preparing the response a development application had not been received.	The draft 21-day package will be sent to the applicant. The licence will not be finalised until the WAPC has provided indication of intention to grant development approval.
Applicant was provided with draft documents on 27 July 2023	Refer to Appendix 1. The applicant provided evidence of a Development Approval on 31 October 2023.	Refer to Appendix 1. The licence duration has been set at 10 years to align with the duration of the development approval. Daylight hours has been defined as 0500 to 1800 hours, in accordance with condition 5 of the development approval.

5. Conclusion

Based on the assessment in this decision report, the Delegated Officer has determined that a licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
4. URS 2010, *Wheatstone Project Groundwater Studies*, report prepared for Chevron Australia Pty Ltd.

Appendix 1: Summary of applicant's comments on risk assessment and draft conditions

Condition	Summary of applicant's comment	Department's response
Condition 1; Table 1	<p>Suggested amendment to equipment list replacing Volvo Excavator EC480DL with concrete crushing bucket attachment BF120.1 S4 with Excavator (up to 50 tonne) with crushing bucket capable of 70 mm aggregate output.</p> <p>This will provide sufficient flexibility in sourcing equipment throughout the licence period.</p>	Noted and amended
Condition 5: Emissions and Discharges	<p>Suggested wording amendment replacing 'waste processing' with 'concrete crushing' and 'from the premises' with 'outside Chevrons lease area'.</p> <p>This better reflects crushing activities as the main potential contributing factor to sediment laden stormwater and better reflects existing drainage infrastructure associated with the wider prescribed premises.</p>	Noted and amended

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Works approval	<input type="checkbox"/>			
Licence	<input checked="" type="checkbox"/>	Relevant works approval number:		None <input checked="" type="checkbox"/>
		Has the works approval been complied with?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
		Has time limited operations under the works approval demonstrated acceptable operations?	Yes <input type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
		Date Report received:		
Renewal	<input type="checkbox"/>	Current licence number:		
Amendment to works approval	<input type="checkbox"/>	Current works approval number:		
Amendment to licence	<input type="checkbox"/>	Current licence number:		
		Relevant works approval number:	N/A	<input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:	None	<input type="checkbox"/>
Date application received	16/03/2023			
Applicant and Premises details				
Applicant name/s (full legal name/s)	Chevron Australia Pty Ltd			
Premises name	Wheatstone Project – Construction workers Accommodation Camp (Village)			
Premises location	Lot 1577 on Deposited Plan 72843, Certificate of Title Volume 2779, Folio 398			
Local Government Authority	Shire of Ashburton			
Application documents				
HPCM file reference number:	DER2018/001042-8			
Key application documents (additional to application form):	Location plan			
Scope of application/assessment				
Summary of proposed activities or changes to existing operations.	<p><i>Licence</i></p> <p>Operation of Category 13 – Crushing of building material (Design Capacity 655,906 tonnes per annum) Category 62 – Solid waste depot (Design capacity 50,000 tonnes per annum)</p>			

Category number/s (activities that cause the premises to become prescribed premises)

Table 1: Prescribed premises categories

Prescribed premises category and description	Proposed production or design capacity	Proposed changes to the production or design capacity (amendments only)
Category 13: crushing of building material: premise on which waste building or demolition material (for example, bricks, stones or concrete) is crushed or cleaned.	Production capacity 50,000 tonnes Design capacity 655,906 tonnes per annum	
Category 62: Solid waste depot: premises on which waste is stored, or sorted, pending disposal or re-use.	Production capacity 50,000 tonnes Design capacity 50,000 tonnes	

Legislative context and other approvals

Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ministerial statement No: MS873 EPA Report No: 1404
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Reference No: 2008/4469 Compliance Assessment Report 2021
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input type="checkbox"/> General lease <input checked="" type="checkbox"/> Expiry: 25 July 2027 Mining lease / tenement <input type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date: If N/A explain why? No applicant explanation The site is within the Ashburton North Strategic Industrial Area (IP3)
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	CPS No: N/A No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: N/A Licence/permit No: N/A No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Application reference No: Licence/permit No: Licence / permit not required.

<p>Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Name: N/A Type: Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Regional office:</p>
<p>Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>
<p>Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i>)</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Ashburton North Strategic Industrial Area Scheme 2016</p>
<p>Is the Premises within an Environmental Protection Policy (EPP) Area?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Is the Premises subject to any EPP requirements?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i>?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Classification: N/A Date of classification: N/A</p>