



## Application for Works Approval

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

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<b>Works Approval Number</b>	W6836/2023/1
<b>Applicant</b>	GWR Group Limited
<b>ACN</b>	102 622 051
<b>File number</b>	DER2023/000517
<b>Premises</b>	Wiluna West Project Sandstone-Wiluna Road, Wiluna  Within part of mining tenement M53/1087  As defined by the premises maps attached to the issued works approval
<b>Date of report</b>	15 February 2024
<b>Decision</b>	Works approval granted

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## 1. Decision summary

This decision report documents the assessment of potential risks to the environment from emissions and discharges during the construction and operation of the premises. As a result of this assessment, works approval W6836/2023/1 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 3 August 2023, GWR Group Limited (the applicant, or GWR) submitted an application for a works approval to the department under section 54 of the *Environmental Protection Act 1986* (EP Act).

The application is to undertake construction works relating to the construction of the C3 Iron Ore Deposit (the project) crushing and screening plant, earthworks for the run-of-mine (ROM) pad, ore product stockpiles, high-density polyethylene (HDPE) lined turkeys' nest and other associated infrastructure at the premises. The premises is approximately 32 km southwest of Wiluna.

GWR Group Limited own the Wiluna West Project which comprises eight iron ore deposits over the two Banded Iron Formation (BIF) ridges (Figure 1). GWR ultimately intend to develop eight iron ore deposits at the Wiluna West Project to establish a 10 million tonnes per annum (Mtpa) project. Two of the deposits, Bowerbird and Joyners Find are located on Unit B and the remaining six (C1 – C5 and CR) are located on Ridge C. The larger iron ore development (10 Mtpa) involves the mining of the C3, C4 and Bowerbird deposits which was approved in 2015. An MP for smaller scale operations at C4 (Stage 1) was approved in May 2020 with mining commencing in December 2020.

GWR has also obtained mining approval for the John William Douth (JWD) iron ore deposit. GWR has Mining Rights Agreements with Gold Valley Iron Ore Pty Ltd for development of the C4 and JWD iron ore deposits where mining commenced in December 2020 and mid-2021 respectively and is ongoing.

GWR now intends to establish an initial smaller scale operation at the C3 iron ore deposit and construct infrastructure to support this development. The premises relates to the category and assessed production / design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6836/2023/1. 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 works approval W6836/2023/1.

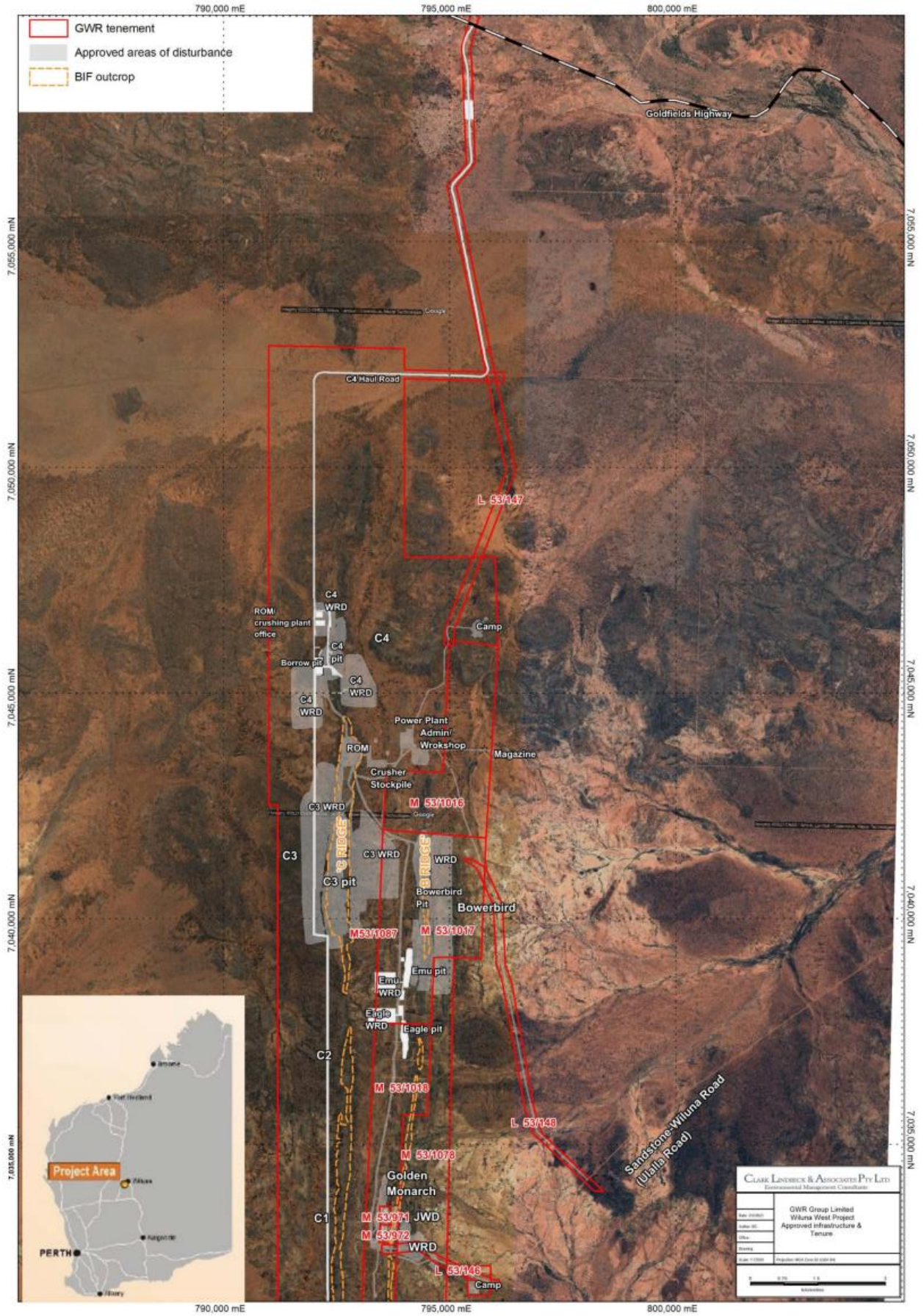


Figure 1: Wiluna West Project location and tenure

### 2.2.1 Cushing and screening plant – site preparation and construction

Native vegetation and topsoil will be stripped across the site and stockpiled. Following the removal of the topsoil and material unsuitable for construction purposes, the surface will be rolled with a vibratory roller. Any identified weak areas will be excavated and replaced with granular material to satisfy compaction requirements. Material for this purpose will be sourced from the open pit within the clearing boundary.

Selected granular fill will then be placed over the plant area. This layer will extend at least a metre outside the footprint of the crushing plant on all sides. The ROM, plant and stockpiling area site will be graded to fall to a sump to capture potentially contaminated stormwater.

The final stage of construction involves detailed earthworks, then establishing the modular sections of the mobile plant into position, followed by erection of appropriate signage across the plant to ready it for the commissioning phase.

### 2.2.2 Commissioning and time limited operations

Commissioning of the crushing plant will commence immediately post mobilisation and installation. The first stage involves progressive testing and commissioning of all systems. The second stage is dry commissioning of the plant, where systems and components are operated without any feed running through the plant. This includes setting the crusher aperture and interlock tolerances and the installation of the screen mats. During dry commissioning, dust suppression sprays will also be tested to ensure functionality.

The final stage of commissioning will see the introduction of feed to the circuit. Adjustments will be made to ensure conveyors and chutes are not overloaded and are functioning correctly. The initial feed rate will be low and gradually increased to nameplate capacity over several days.

Commissioning will be completed within two weeks of installing the crushing and screening plant at the site. Time limited operations are proposed to commence immediately upon the completion of commissioning until the DWER Licence is granted.

### 2.2.3 Ore processing

The plant will process the ore at rate of 2 Mtpa. All ore will be transported from the open pit to various ROM stockpiles. Ore will be processed through a mobile crushing and screening circuit to produce two distinct ore products, Coarse Ore (Lump) and Fines stockpiles (Figure 3), with a process flowsheet shown in Figure 2.

The product will be stacked in separate stockpiles (Lump and Fines) and selectively removed offsite via road trains to Geraldton Port. The ROM stockpiles will have a total capacity of approximately 100,000 tonnes of ore and are anticipated to be relatively dry. Dust suppression at the ROM will be achieved via a mobile water truck with expected moisture of the ore between 3 - 5% to minimise dust generation. Water sprays will be installed around the plant area to minimise dust generation.

Ore processing will consist of crushing and screening of the ore through a modular plant providing 3-stage crushing and screening and a combination of diesel/electric powered modular mounted crushers, screens and portable conveyors. The plant will be a crushing/screening circuit to reduce the size of the direct shipping ore (DSO) to produce lump ore (32 mm - 6.5 mm) and fines (<6.5 mm)

The ore will be fed into the hopper of the primary crusher using a front-end loader. The crushed material from the primary crusher will then feed directly to a screen, set for a 32 mm split size. The undersize material will report to the secondary screen deck while the oversize material will report to the secondary crusher. The undersize material from the secondary screen deck will report to the fine's product stockpile and the oversize material will report to the lump product stockpiles.

Two stacker conveyors will transfer ore from the crushing and screening plant onto the Fines and Lump stockpiles. The stacker conveyors will operate with a 300-600 mm wide belt which will be equipped with dust suppression sprays.

Given the crushing/screening plant is a mobile unit, GWR has included provision for relocation of the plant within the overall ROM/plant/ore stockpile area (Figure 3).

#### 2.2.4 Diesel and hydrocarbon storage

All hydrocarbons and chemicals will be located within bunded areas or on drip trays to contain any potential spills. Bulk fuel storage will be within a self-contained, double-skinned storage tank.

Waste oil will be stored in a tank and removed from site for recycling by a licensed collection service. Oil filters and hydrocarbon-contaminated rags will be collected in approved receptacles and removed from site to an appropriate facility offsite.

Self-bunded day tanks will be installed to provide fuel to stand-alone diesel generators (e.g., at producing water bore or lighting towers) at their respective locations where required.

The applicant advises all chemical and reagents classed as dangerous goods will be stored in accordance with the requirements of the *Dangerous Goods Safety Act 2004* and the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*. Spill kits will be available for use to contain any hydrocarbon spills.

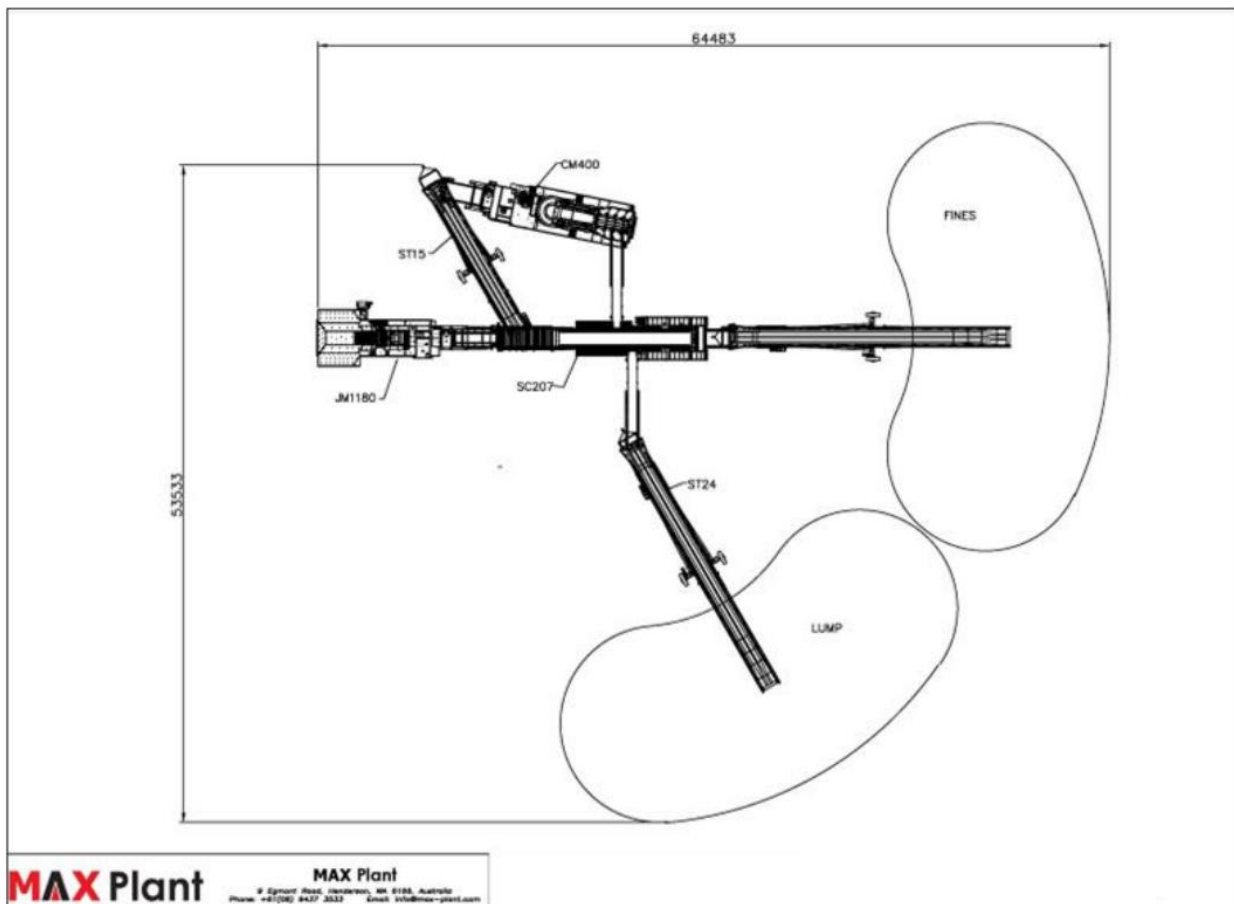


Figure 2: Indicative site layout for crushing and screening plant

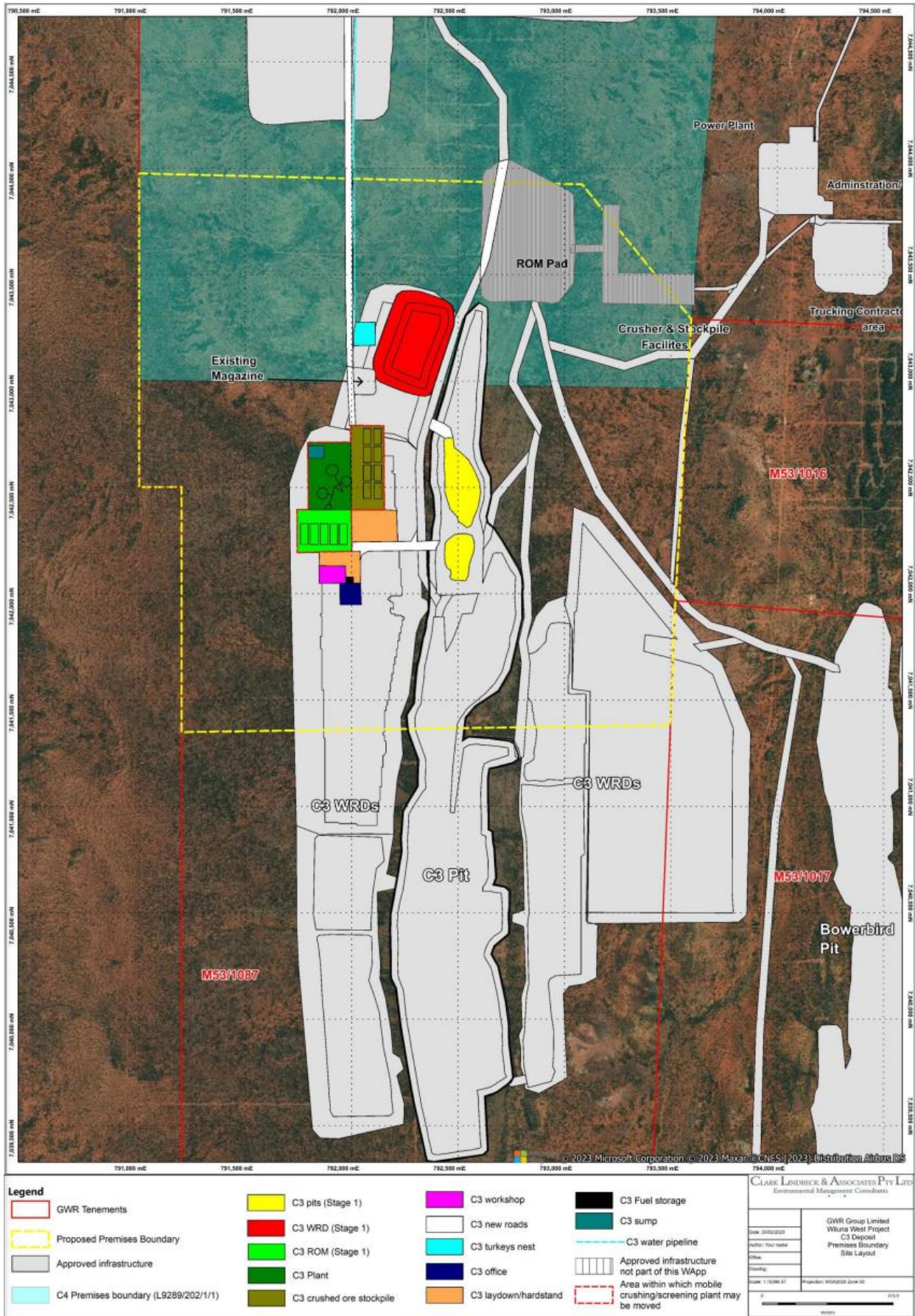


Figure 3: Proposed layout with prescribed premises boundary

## 2.3 Part IV of the EP Act

The 10 Mtpa Project (disturbance of 2,600 ha), which included the C3 footprint and development envelope, was referred to the EPA in December 2012 and assessed as ‘Not Assessed – Public Advice Given’ on 22 April 2013.

The applicant does not expect any significant impact to any environment resulting from the project.

## 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 construction and 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
<b>Construction</b>			
Dust	Construction and placement of crushing and screening plant; and earth works for ROM pad / stockpile hardstand, stormwater sump and construction of turkey's nest	Air / windborne pathway smothering of vegetation	Water trucks will be utilised on roads and during construction activities to control dust as required.  Daily visual inspections during construction activities will be undertaken to identify excessive visible dust generation.  Implementation of vehicle speed limits to reduce dust generation.  Any dust complaints will be recorded, investigated and remedial action undertaken.
Noise		Air / windborne pathway disturbing threatened fauna breeding habitats	Construction activities will comply with the <i>Environmental Protection (Noise) Regulations 1997</i> .
Sediment laden stormwater		Contaminated stormwater and land overflow causing contamination of nearby vegetation	ROM, stockyard, plant, and workshop area to be graded so that rainfall runoff will collect in a sump to prevent potentially contaminated stormwater from the plant and ROM area flowing



Emission	Sources	Potential pathways	Proposed controls
		and soils	into the surrounding areas.
<b>Commissioning and time limited operation</b>			
Dust	Screening and crushing of ore; and Stockpiling of material.	Air / windborne pathway smothering of vegetation	<p>Water to be used for dust suppression is not saline.</p> <p>There will be general conditioning of the ore prior to crushing to minimise dust. This will be undertaken with a water cart on the ROM pad.</p> <p>Crusher installed with appropriate water sprays to reduce dust generation.</p> <p>Dust suppression sprinklers and sprays will be installed at the ROM feed hopper, transfer points and on the product stockpile to control levels of fugitive dust.</p> <p>The main point at which dust will be generated in the crushing circuit will be at the stackers so GWR propose to have spray points in this area.</p> <p>Maximum moisture levels of the final product will be controlled to maintain operational efficiency for road haulage vehicles.</p> <p>Water trucks will be used around the plant and on the ROM and roads as required.</p> <p>Daily inspection of plant area will include observation of dust assessment and walking of plant site perimeter.</p>
Noise		Air / windborne pathway disturbing threatened fauna breeding habitats	<p>Closest sensitive receptor (rural residential dwelling) is located &gt;25 km from the Project.</p> <p>Operations will comply with the <i>Environmental Protection (Noise) Regulations 1997</i>.</p>
Sediment laden stormwater		Contaminated stormwater and land overflow causing contamination of nearby vegetation and soils	<p>Ore stockpile and crusher area will be bunded to prevent surface flows outside of this area with all runoffs within this area graded towards a sump.</p> <p>A pump will be available (or watercart) to pump out the sump if it becomes full.</p> <p>Any release which is likely to cause pollution or environmental harm will be reported to the DWER in accordance with Section 72 of the <i>Environmental Protection Act 1986</i>.</p>
Contaminated	Storage of diesel	Leaks / spills causing	All hydrocarbons and dangerous goods

Emission	Sources	Potential pathways	Proposed controls
stormwater	and hydrocarbons	direct discharge to land over land flow or infiltration and migration through soil and groundwater causing contamination of vegetation and soils	<p>on site will be stored and handled according to the applicable sections of the <i>Dangerous Goods Safety Act 2004</i>, <i>Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007</i> and <i>Dangerous Goods Safety (Explosives) Regulations 2007</i>.</p> <p>Chemical storage areas will be bunded with a containment capacity equivalent to 110% of the capacity of any tank or 25% of the total capacity of an interlinked system.</p> <p>Bulk diesel will be stored in self-bunded, double-skinned tanks.</p> <p>Regular inspection of bunded areas to ensure capacity is maintained.</p> <p>Spillages will be cleaned up and disposed of as per appropriate environmental and safety guidelines and the site's environmental procedure.</p> <p>Absorbent materials will be used under machinery which is likely to leak oil while under service or repair in the workshop or on stand-down.</p>

### 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 below provides a summary of potential human and environmental receptors that may be impacted because 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**

Human receptors	Distance from prescribed activity
No human receptors.	N/A
Cultural heritage sites	Distance from activity / prescribed premises
DWER desktop survey indicated site near project: Wati Kutjarra Tjukurpa Ngurra.	Within 500 m east of the proposed prescribed premises.
Environmental receptors	Distance from prescribed activity
<i>Rights in Water and Irrigation Act 1914</i> (RIWI Act)	Depth to groundwater 30 – 60 metres below ground level (mbgl).

<p>East Murchison Proclaimed Groundwater Area.</p>	<p>Water Quality from north of M53/1087:                      - pH from 7.6 to 8.1                      - salinity from 1,011 to 1,496 mg/L TDS</p>
<p>Surface water lines</p>	<p>Minor ephemeral creek line to the east of the proposed prescribed premises.</p>
<p>Nearest surface water bodies:</p> <ul style="list-style-type: none"> <li>• Lake Violet;</li> <li>• Lake Way; and</li> <li>• Uramurdah Lake.</li> </ul>	<p>Nearest surface water bodies located over 28km east of the proposed prescribed premises.</p>
<p>Priority Ecological Community (PEC)</p>	<ul style="list-style-type: none"> <li>• <i>Wiluna West vegetation complexes</i> (Priority 1) banded ironstone formation; over the entire premises; and</li> <li>• <i>Millbillillie Bubble Well</i> calcrete groundwater assemblage type on Cary palaeodrainage on Millbillillie Station (Priority 1); located 13.5km north of the proposed premises – related to subterranean fauna communities.</li> </ul>
<p>Priority flora:</p> <ul style="list-style-type: none"> <li>• <i>Eremophila congesta</i> (P1)</li> <li>• <i>Ptilotus chrysocomus</i> (P1)</li> <li>• <i>Homalocalyx echinulatus</i> (P3); and</li> <li>• <i>Prostanthera ferricola</i> (P3).</li> </ul>	<p>Recorded within the proposed premises boundary.</p>
<p>Threatened / Priority fauna:</p>	<ul style="list-style-type: none"> <li>• Several records of Malleefowl (<i>Leipoa ocellata</i>) mounds (6 inactive and 19 old/extinct) within the proposed prescribed premises boundary. There will be a maximum of 6 old/extinct mounds that will be disturbed by this development.  <i>Noting: conditions of CPS include a Malleefowl Management Plan.</i></li> <li>• Other species recorded within <u>overall Project area</u>:                         <ul style="list-style-type: none"> <li>- Malleefowl – (Vulnerable)– to date 110 mounds have been recorded: 11 active mounds (at the time they were surveyed); 7 inactive mounds; 92 old/near-extinct/extinct mounds;</li> <li>- Records of Malleefowl mounds (none active) within the prescribed premises boundary. A maximum of 6 old/extinct mounds will be disturbed by the C3 development.</li> <li>- Brush-tailed Mulgara (<i>Dasyercus blythi</i>) – (Priority 4) – recorded in spinifex sandplain along the C4 haul road.</li> <li>- Long-tailed Dunnart (<i>Sminthopsis longicaudata</i>) – (Priority 4) – captured in the C3 east WRD; 700m southeast of the proposed premises boundary; and</li> <li>- Peregrine Falcon (<i>Falcos peregrinus</i>) – (Vulnerable) – recorded flying over the exploration camp.</li> </ul> </li> </ul>

## 3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source and considers 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 works approval 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.

Works approval W6836/2023/1 that accompanies this decision report authorises construction and time-limited operations. The conditions in the issued works approval, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

A licence is required following the time-limited operational phase authorised under the works approval to authorise emissions associated with the ongoing operation of the premises i.e., Category 5 crushing and screening activities. A risk assessment for the operational phase has been included in this decision report, however licence conditions will not be finalised until the department assesses the licence application.

**Table 3: Risk assessment of potential emissions and discharges from the premises during construction, commissioning, and time limited operation**

Risk events					Risk rating <sup>1</sup> C = consequence L = likelihood	Applicant controls sufficient?	Conditions <sup>2</sup> of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
<b>Construction</b>								
Construction and placement of crushing and screening plant; and earth works for ROM pad / stockpile hardstand, stormwater sump and construction of turkey's nest	Dust	Air / windborne pathway smothering of vegetation	Native vegetation (including PEC) – adjacent to works. Priority flora (within prescribed premises)	Refer to Section 3.1	C = Slight L = Unlikely <b>Low Risk</b>	Y	N/A	Minimal dust emissions are expected to be generated from site preparation works including earthworks/clearing activities and the installation of the crushing and screening plant, stormwater management infrastructure and transportation roads during the construction period.  The controls proposed by the applicant are considered sufficient to manage the impacts of dust associated with the construction works.
	Noise	Air / windborne pathway disturbing threatened fauna breeding habitats	Threatened fauna – several sightings within prescribed premises, including, Malleefowl	Refer to Section 3.1	C = Slight L = Rare <b>Low Risk</b>	Y	N/A	Minimal noise emissions are expected to be generated from site preparation works including earthworks and clearing activities, and the installation of the crushing and screening plant, stormwater management infrastructure and transportation roads during the construction period.  The controls proposed by the applicant are considered sufficient to manage the impacts of noise associated with the construction works.  The provisions of the <i>Environmental Protection (Noise) Regulations 1997</i> are also applicable.
<b>Commissioning and time-limited-operations operations</b>								
Screening and crushing of ore; and  Stockpiling of material.	Dust	Air / windborne pathway smothering of vegetation	Native vegetation (including PEC) – adjacent to works. Priority flora (within prescribed premises)	Refer to Section 3.1	C = Moderate L = Unlikely <b>Medium Risk</b>	Y	Condition 1, 5, 10	The applicant has demonstrated sufficient measures to control the impacts of dust associated with the operations on sensitive receptors.  Applicant's proposed controls have been conditioned within the works approval
	Noise	Air / windborne pathway disturbing	Threatened fauna – several sightings within	Refer to Section	C = Slight L = Rare	Y	N/A	Closest sensitive receptor (rural residential dwelling) is located >25 km from the project.

Risk events					Risk rating <sup>1</sup> C = consequence L = likelihood	Applicant controls sufficient?	Conditions <sup>2</sup> of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
		threatened fauna breeding habitats	prescribed premises: specifically, Malleefowl	3.1	<b>Low Risk</b>			No active Malleefowl mounds within the prescribed premises boundary.  Construction activities will comply with the <i>Environmental Protection (Noise) Regulations 1997</i>
	Sediment laden stormwater	Contaminated stormwater and land overflow causing contamination of nearby vegetation and soils	Native vegetation (PEC) – adjacent to operations	Refer to Section 3.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	Condition 1, 5, 10	The likelihood of impacts to the offsite environment is unlikely based on the applicant's proposed controls. The applicant's controls will be conditioned within the works approval.
Storage of diesel and hydrocarbons	Contaminated stormwater	Leaks / spills causing direct discharge to land over land flow or infiltration and migration through soil and groundwater causing contamination of vegetation and soils	Priority flora (within prescribed premises)  Minor ephemeral water lines  <i>R/WI</i> groundwater area (30-60 mbgl)	Refer to Section 3.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	Condition 1, 5, 10	Unintended spillages or leakage of hydrocarbons and chemicals from vehicle and equipment use, refueling and storage on site have the potential to enter and contaminate the nearby environment.  The applicant's controls will be conditioned within the works approval.

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 11 September 2023	None received	N/A
Shire of Wiluna advised of proposal on 5 September 2023	None received	N/A
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal 5 September 2023	DMIRS replied on 12 September 2023 advising that the works approval application relates to Mining Proposal Reg ID 117069 which is still under assessment by DMIRS.  DMIRS confirms that the works approval application aligns with the activities proposed in the Mining Proposal.  DMIRS had no further comments on the works approval application.	Noted.
Wiluna Native Title Holders represented by Tarlka Matuwa Piarku Aboriginal Corporation advised of proposal 5 September 2023	None received	N/A
Applicant was provided with draft documents on 17 January 2024	Applicant provided response to department's draft on 9 February 2024. Typographic errors were corrected. No further comment was made.	The Delegated Officer has corrected typographic errors.

## 5. Conclusion


Based on the assessment in this decision report, the Delegated Officer has determined that a works approval 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. GWR Group Limited 2023, Application for works approval W6836/2023/1 “GWR C3 Wapp application”, West Perth, Western Australia.
5. GWR Group Limited 2023, Works approval W6836/2023/1 supporting information “GWR Wiluna West Project C3 Iron Ore Deposit”, West Perth, Western Australia.



## Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY	
Application type	
New Works approval	<input checked="" type="checkbox"/> <p><i>Noting: existing W6444/2020/1 and W6551/2021/1 and associated operating licence L9289/2021/1 for Cat 5 crushing and screening for "C4" deposit. Premises boundary of these overlap with proposed premises boundary for this application (see below – "Blue" is W6444/W6551/L9289 premises, and "Red outline" is proposed premises for this application").</i></p> <p>To authorise ongoing operations, will recommend amending L9289/2021/1 to encompass this works / premises boundary.</p> 
Date application received	3 August 2023
Applicant and Premises details	
Applicant name/s (full legal name/s)	GWR Group Limited (102 622 051)
Premises name	Wiluna West Project
Premises location	Sandstone-Wiluna Road, Wiluna Within part of Mining Tenement M53/1087, coordinates: -26.6953, 119.9244 -26.6953, 119.9453 -26.7009, 119.9506 -26.7182, 119.9501 -26.7189, 119.9270 -26.7085, 119.9268 -26.7086, 119.9248
Local Government Authority	Shire of Wiluna
Application documents	
HPCM file reference number:	Instrument folder: DER2023/000517 Application folder: DER2018/001042-9~69
Key application documents (additional to application form):	Application form: A2193861 Supporting documents: A2193860
Scope of application/assessment	

<p>Summary of proposed activities or changes to existing operations.</p>	<p><b><u>Scope of construction:</u></b></p> <ol style="list-style-type: none"> <li>1. Placement of C3 Crushing / screening plant;</li> <li>2. Earth works for: ROM pad; Stockyard (ore product stockpiles);</li> <li>3. HDPE lined Turkey's nest (to store process water supplied from bore at C4) for process (plant) water and dust suppression; and</li> <li>4. Other associated infrastructure: office, workshop, laydown, hardstand, and fuel storage (this will be assessed as "associated activity").</li> </ol> <p><b><u>Commissioning:</u></b></p> <p>Stage 1: dry commissioning of plant: systems and components are operated without any feed running – setting of the crusher aperture and interlock tolerances and installation of screen mats;</p> <ul style="list-style-type: none"> <li>- Dust sprays will also be tested to ensure functionality.</li> </ul> <p>Stage 2: introduction of feed to the circuit – adjustments made to ensure conveyors and chutes are not overloaded and are functioning correctly. Initial feed rate will be low and increase.</p> <p>Total duration: completed within 2 weeks of installing the plant.</p> <p><b><u>TLO:</u></b></p> <ul style="list-style-type: none"> <li>- Commence immediately upon completion of commissioning;</li> <li>- Risk considered similar / same as Stage 2 of commissioning.</li> </ul> <p>Total estimated operating period is 2 years.</p>
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**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 5: processing or beneficiation of metallic or non-metallic ore	2, 000, 000 tonnes per annum	N/A.

**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 checked="" type="checkbox"/> No <input type="checkbox"/>	Referral ID: A583954 – Date Received: 21/12/2012 Determination: Not Assessed – Public Advice given (Date signed: 19/04/13)
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Reference No: 2020/8696 Decision: Not a controlled action (30/07/2020)
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining tenement <input checked="" type="checkbox"/> M53/1087 – expiry 22/09/2031

<p>Has the applicant obtained all relevant planning approvals?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>	<p>Subject to <i>Mining Act 1978</i> – Mining Proposal (Reg ID 117069 submitted 12/03/23) under assessment for mining of C3 Iron Ore Deposit.</p>
<p>Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>CPS No: 6726/2 <i>Noting: no clearing proposed for scope of this application.</i></p>
<p>Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Application reference No: N/A Licence/permit No: N/A No clearing is proposed.</p>
<p>Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Licence/permit No: GWL 202977(2) – Annual entitlement = 150,000 kL. Authorised activities: (1) <i>taking water for dust suppression for mining purposes</i> (includes M53/1087 as location); (2) <i>dewatering for mining purposes</i> (unrelated to this application).</p>
<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: N/A Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office: <i>Noting: premises lies within East Murchison Proclaimed Groundwater Area.</i></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 <u>WQPN 25</u>)? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> <i>Noting: nearest PDWSA is Wiluna Water Reserve &gt;33km east.</i></p>
<p>Is the Premises subject to any other Acts or subsidiary regulations</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p><i>Dangerous Goods Safety Act 2004 Rights in Water and Irrigation Act 1914</i></p>
<p>Is the Premises within an Environmental Protection Policy (EPP) Area?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	

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Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	