



Application for Licence

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

Licence Number	L9422/2024/1
Applicant	Fenix Resources Ltd
ACN	125 323 622
File number	DER2023/000625
Premises	Iron Ridge Project Legal description – Mining Lease: M20/118 Miscellaneous Licence: L20/83; L20/84; L20/85 General Purpose Lease: G20/28
Date of report	14 March 2024
Decision	Licence granted

**MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

*Officer delegated under section 20
of the Environmental Protection Act 1986*

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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 L9422/2024/1 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 18 September 2023, Fenix Resources Ltd (the applicant / Fenix Resources) 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 Category 5: Processing or beneficiation of metallic or non-metallic ore, Category 6: Mine dewatering and Category 85: Sewage facility at the premises. The premises is approximately 60 km north-west of Cue town.

The applicant formerly held works approval W6429/2020/1 for the related construction and time-limited-operational aspects of the premises (the categories and scope of the works approval application is consistent with the licence application). The works approval expired on the 6 October 2023 and the applicant has since been operating without a licence. The applicant did not comply with all conditions of Works Approval W6429/2020/1, regarding the Wastewater Treatment Plant and Irrigation Spray-field as per section 3.1.

The premises relates to the categories and assessed production capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in licence L9422/2024/1. 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 L9422/2024/1.

This report will risk assess the operational aspect of installed infrastructure and will consider the assessment carried-out for the related works approval application (W6429/2020/1) and the time-limited-operations aspect carried-out under the works approval.

2.3 Part IV of the EP Act

A small portion of the proposed project is located on tenement L20/85 which is subject to Ministerial Statement 908 (MS908). MS908 is held by another company, Sinosteel Midwest Corporation Limited (SMC), for the Weld Range Project. The Iron Ridge Project on tenements G20/28, L20/83, L20/84 and L20/85 does not form part of the Weld Range Project and is not subject to MS908. At the time this amendment was written, MS908 was inactive however, SMC have applied to amend the implementation conditions under s46 of the EP Act. This application is currently under assessment by DWER.

The department submitted a formal letter to Iron Ridge, during the consultation period, regarding this overlap. Fenix Resources Ltd should obtain legal advice to ensure the proposed project does not impact the Weld Range Iron Ore 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

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 Category 5 - Processing or beneficiation of metallic or non-metallic ore			
Noise	Operation of the ore processing plant, unloading, loading and storage of material & Vehicle movements	Air / windborne pathway	Assessed under W6429/2020/1 (DWER, 2023a): -plant designed to minimise noise and vibration.
Dust			Assessed under W6429/2020/1 (DWER, 2023a): (a) water misting sprays throughout the plant and on conveyor belt, scalping screen and material discharge points; (b) Skirting seals and dust box covers on the conveyor belt; (c) Jaw crusher and cone crusher located within a closed circuit; (d) Water truck fitted w dribble bars to minimise spray drift near vegetation areas; (e) Water truck will be available to suppress dust on the ROM transport roads, around the crushing and screening plant, construction and material handling activities; and (f) Access roads: The main access road to the site is bitumen sealed. All other access roads are unsealed but are regularly maintained to suppress dust.
Sediment laden stormwater		Overland runoff potentially causing ecosystem	Assessed under W6429/2020/1 (DWER, 2023a): -Contours and earthen bunding constructed

Emission	Sources	Potential pathways	Proposed controls
		disturbance or impacts to the health of flora and fauna; and contamination of land, groundwater and surface water quality	around the plant to contain and direct stormwater and sediment from the containment area to a collection sump.
Hydrocarbon discharge spill to land	Refuelling machinery, storage of hydrocarbon (Bulk Fuel Tanks, diesel Storage Tank, Washbay)	Direct discharge	<p>Assessed under W6429/2020/ (DWER, 2023a):</p> <ul style="list-style-type: none"> -Hydrocarbon spill clean-up material will be available to clean up hydrocarbon spills across the premises. -Contaminated material is packaged and removed from site as required for treatment and disposal by an appropriately licensed service provider (Fenix, 2024). <p><u>Bulk Fuel Tanks (110kL) x2</u></p> <ul style="list-style-type: none"> (a) Construction as per Australian Standard 1940-2004 (AS 1940-2004); (b) A concrete apron must be installed at the refueling bay; and (c) Constructed with provision for collecting and recovering spills and/or rainwater. <p><u>Diesel Storage Tank (10,000 L) x1</u></p> <p>Constructed as per Australian Standard 1940-2004 (AS 1940-2004).</p> <p><u>Washbay</u></p> <p>Alarm system must be installed on the oil water separator to warn of failure</p>
Operation 6 - Mine dewatering			
Dewatering of saline water	Spills, unintended releases of hypersaline mine dewater from storage dam or dewatering pipeline Storage dam overflows, leaks and or rupture causing discharge to soil and vegetation.	Overland runoff potentially causing ecosystem disturbance or impacts to the health of flora and fauna; and contamination of land, groundwater and surface water quality	<p>Assessed under W6429/2020/1 (DWER, 2023b)</p> <p><u>Storage pond</u></p> <ul style="list-style-type: none"> (a) Lined with an HDPE liner with a permeability of 1×10^{-9} m/s or less; secured around the crest of the dam; (b) Installed a high-level indicator and automatic shutoff located within the dam; (c) Installed an egress mat within the pond to allow small fauna to escape; (d) Installed a 1.8m high fence to prevent stock and native fauna access; (e) Installed an outlet pipe to decant water;

Emission	Sources	Potential pathways	Proposed controls
			<p>and</p> <p>(f) Installed a volumetric flow meter on the outlet pipe.</p> <p>Dewatering Pipelines (DWER, 2023a)</p> <p>a) Constructed of impermeable material and free of leaks and defects; and</p> <p>(b) Constructed v-drains along entire dewatering pipeline, sufficient to contain the flow in a 100 mm line for 12 hours at 30 L/s.</p>
	Dust suppression	<p>Direct runoff of dewatering water from roads where dewater has been applied for dust suppression affecting priority flora, superficial groundwater, ephemeral pools.</p> <p>Spray drift to soil, producing surface salt formation</p>	Monitoring of vegetation health
Operation 85 - Sewage facility			
Spills/ unintended releases of untreated wastewater, solid waste, treated and/or brine water.	Operation of the WWTP and RO Plant	Overland runoff potentially causing ecosystem disturbance or impacts to the health of flora and fauna; and contamination of land, groundwater and surface water quality	<p>Installation assessed under W6429/2020/1 (DWER, 2021)</p> <p>(a) WWTP is impermeable;</p> <p>(b) Sewage storage and treatment tanks, vessels, transfer pipelines and conveyance infrastructure is kept impermeable and free of leaks and defects;</p> <p>(c) A volumetric flow meter was installed on discharge outlet pipe to monitor volumes discharged to irrigation spray field;</p> <p>(d) Alarm system installed to warn of failure of air compressor and discharge pump; an</p> <p>(e) WWTP capable of storing a minimum of two days' worth of effluent in the event of a discharge pump failure.</p>
Hypersaline water, treated water, low quality	Operation sprayfield Discharge of effluent with higher concentration than suspected/over the limit concentration (including <i>E. coli</i>)		<p>Assessed under W6429/2020/1 (DWER, 2023a):</p> <p>Sprayfield:</p> <p>(a) A spray drift buffer of more than 10m is in place between the outer reach of the sprinklers and the fence; and</p>

Emission	Sources	Potential pathways	Proposed controls
	because malfunction of WWTP		(b) A fence has been installed and signage is in place.

Operation Category 5 - Processing or beneficiation of metallic or non-metallic ore

The Semi Mobile Modular Crushing and Screening Plant operation was compliant with the commissioning and time limited operation phases conditions. Operational conditions have been transferred to the Licence.

Operation Category 6 – Dewatering

The storage pond for dewatering activities was assessed regarding the commissioning phase, where the Licence Holder confirmed the volumetric flow meter was calibrated. Nevertheless, limited information was provided regarding charge pipework and leaks inspection. Consequently, the department has included related conditions on the licence.

Operation Category 85 - Sewage facility

The Licence Holder was compliant with the WWTP installation requirements as per **Table 1**. During the Commissioning stage, the WWTP discharges (irrigation sprayfield) were within the specified limits (**Table 2**), however TDS and residual chlorine results were not provided.

Table 2: WWTP Commissioning monitoring results

Parameter	Unit	Limit	Commissioning results
pH	-	6.5-8.5	8.3
5-day BOD (BOD5)	mg/L	<10.1	<5
TSS	mg/L	<30	<5
TDS	mg/L	<1300	NP
TN	mg/L	<30	24
TP	mg/L	<8	5
<i>E. coli</i>	cfu/100ml	<1000	210
Residual chlorine	mg/L	<2	NP

* NP = Results not provided

The Licence Holder provided further testing results for the WWTP Time Limited Operations phase with the licence application (Fenix, 2023). During this phase, there were several months where results for some parameters were over regulatory discharge limits **Table 3**, some parameters analytes were missing (e.g. TDS) and results were missing for several months. The laboratory report results show that some samples did not have enough volume to allow for an appropriate analysis to be carried out.

Fenix Resources have acknowledged that the WWTP monitoring carried-out under the works approval was not always compliant with specified conditions. However, they recognise the importance of these requirements and have communicated this to site personnel to ensure the quality of water is maintained within the approved discharge quality parameters.

The department will specify sampling protocols in the licence conditions as regulatory controls (at a quarterly monitoring frequency). Further non-compliance against regulatory conditions will be considered in accordance with the department's Compliance and Enforcement Policy: <https://www.wa.gov.au/government/publications/dwer-compliance-and-enforcement-policy>.

Table 3: WWTP Time Limited Operations phase – Irrigation spray-field monitoring

Parameter	Unit	Limit	05/Mar /21	10/Jun /21	22/Sep/ 21	15/Dec /21	1/Feb /22	1/Jul/ 22	18/Aug /22	10/Oct /22	16/Dec /22	20/Feb /23	27/Apr /23	15/Jun /23	25/Aug /23
pH	-	6.5-8.5	8.3	8.1	NP	8.5	8.4	8.4	8.2	8.4	8.4	8.5	8.6	8.5	8.2
5-day BOD (BOD5)	mg/L	<10.1	<5	<5	8	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
TSS	mg/L	<30	<5	150	NP	<5	5	NP	28	<5	<5	<5	6	<5	7
TDS	mg/L	<1300	NP	NP	NP	NP	NP	600	NP	600	NP	NP	NP	NP	NP
TN	mg/L	<30	24	35	NP	24	24	28	25	20	NP	21	21	20	18
TP	mg/L	<8	5	5.4	NP	NP	4.3	3.3	4.9	4.7	3	4	0.95	0.71	2.1
<i>E. coli</i>	cfu/ 100ml	<1000	210	11000	>100.000	640	NP	4	NP	NP	NP	<1	<1	<1	<1
Residual chlorine	mg/L	<2	NP	NP	NP	NP	4.8	7.2	3.5	3	3	1.5	150	11	0.1

* NP = Results not provided

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 4:4 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 4: Sensitive human and environmental receptors and distance from prescribed activity

Environmental receptors	Distance from prescribed activity
<p><u>Surface water</u></p> <p>Ephemeral drainage lines to Lake Austin</p> <p>Figure 2: Superficial creeks within premises</p>	<p>60 m to the west of the low grade stockpile.</p> <p>100 m to the west of the product stockpile and loading area.</p> <p>100 m west of the crushing plant.</p> <p>119 m west of the dewatering storage dam.</p> <p>174 m west of the spray field.</p> <p>236 m west of the WWTP.</p> <p>To be referred to Water.</p>
<p><u>Groundwater</u></p>	<p>55 m mBGL</p>
<p><u>Threatened ecological communities</u></p> <p>Figure 3</p>	<p>4 km south-east of Iron Ridge Project.</p> <p>Partly managed under MS908 for Weld Range Project in North-east part of premises (Office of the Appeals Convenor, 2012).</p>
<p><u>Threatened and Priority Flora</u></p> <p>(Biodiversity Conservation Act (2016))</p> <p><i>Acacia dilloniorum</i> – P1</p> <p><i>Stenanthemum patens</i> - P1</p> <p><i>Goodenia grandiflora</i> - P1</p> <p><i>Hemigenia virescens</i> - P3</p> <p><i>Micromyrtus placoides</i>- P3</p> <p><i>Prostanthera petrophila</i>- P3</p> <p><i>Acacia speckii</i> - P4</p> <p><i>Dodonaea amplisemina</i> - P4</p> <p><i>Goodenia berringbinensis</i> - P4</p> <p><i>Grevillea inconspicua</i> - P4</p>	<p>Found within the Premises boundary (Figure 1)</p> <p>Threatened Fauna Habitats were identified to be located on the proposed prescribed premises boundary. Locations predominately on M20/118 and G20/28.</p>
<p><u>Threatened priority Fauna</u></p> <p>(Biodiversity Conservation Act (2016))</p> <p>West coast mulga slider (<i>Lerista eupoda</i>) –</p>	<p>Short range endemics are located throughout the proposed prescribed premises boundary.</p>

Environmental receptors	Distance from prescribed activity
<p>P1</p> <p>Western spiny-tailed skink (<i>Egernia stokesii badia</i>) – Vulnerable</p> <p>Northern shield-backed trapdoor spider (<i>Idiosoma clypeatum</i>) – P3</p>	
<p><u>Aboriginal Heritage sites</u></p> <p>- Little Wilgie Cave (Place ID: 32734): within premises boundary - Artefacts / Scatter, Ceremonial, Historical, Man-Made Structure, Mythological, Quarry, Repository / Cache, Arch Deposit, BP Dating, Meeting Place, Natural Feature, Ochre</p> <p>-Weld-A-09152 - Place ID: 28011 – Artefacts / Scatter</p> <p>-Weld-QA-09158 - Place ID: 33105 – Artefacts / Scatter, Quarry</p> <p>- Weld-QA-09159 - Place ID: 33106 - Artefacts / Scatter, Quarry</p> <p>- C-Class Reserve -Use and Benefit of aborigines</p> <p>*Traditional Owners: Wajarri Yamatji Native Title Holders</p>	<p>Little Wilgie Cave: (Little Wilgie heritage site is within an excised portion of M20/118 and the area is fenced).</p> <p>275 m to the west of the proposed dewatering storage dam.</p> <p>462 m to the north west of the proposed crusher.</p> <p>Weld-A-09152: 300 m north from premises - Artefacts / Scatter.</p> <p>Weld-QA-09158: 220 m north from premises - Artefacts / Scatter, Quarry.</p> <p>Weld-QA-09159: 220 m north from premises.</p> <p>C-Class Reserve: 170 m to the north-east of the proposed prescribed premises boundary.</p>

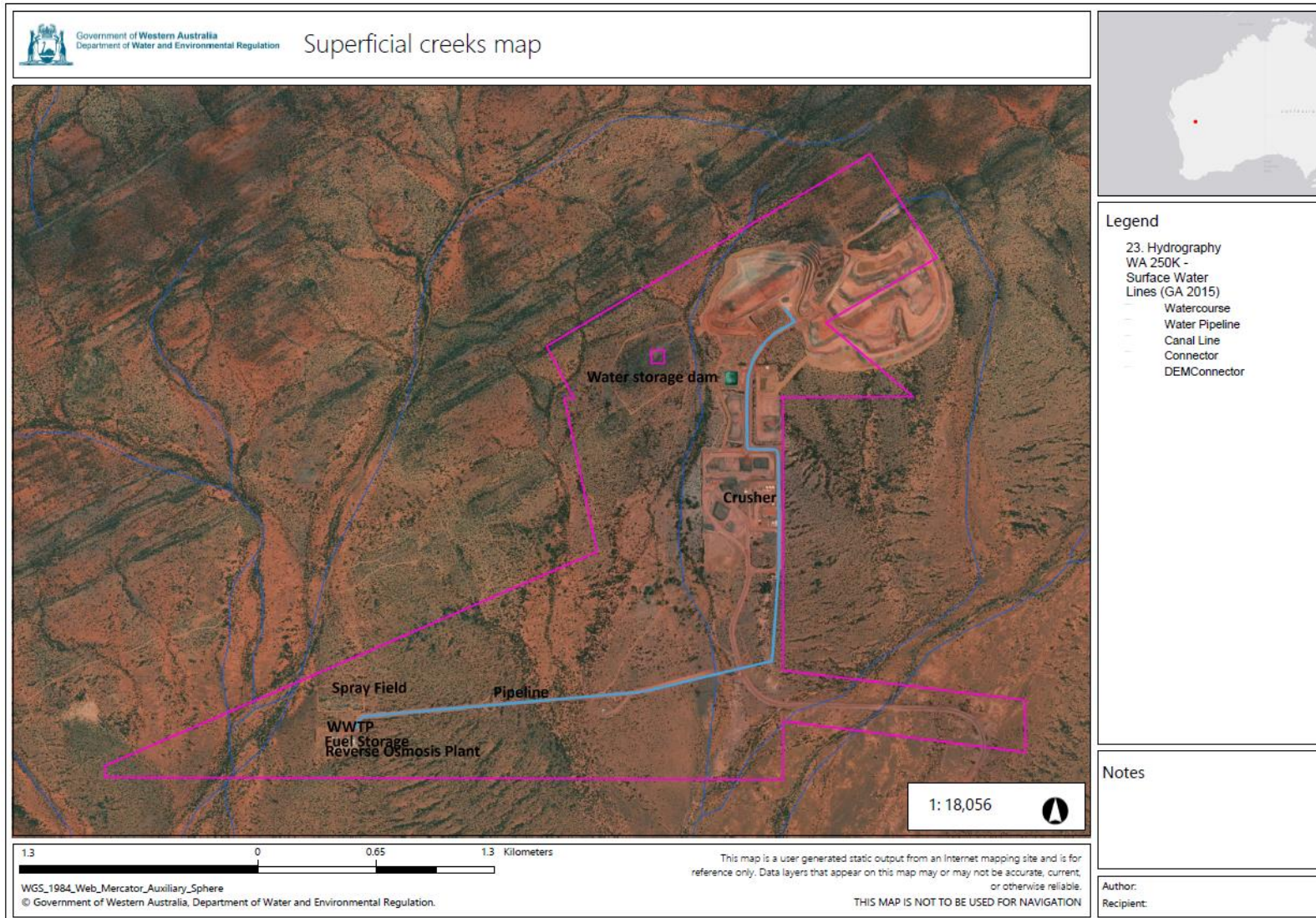


Figure 2: Superficial creeks within premises

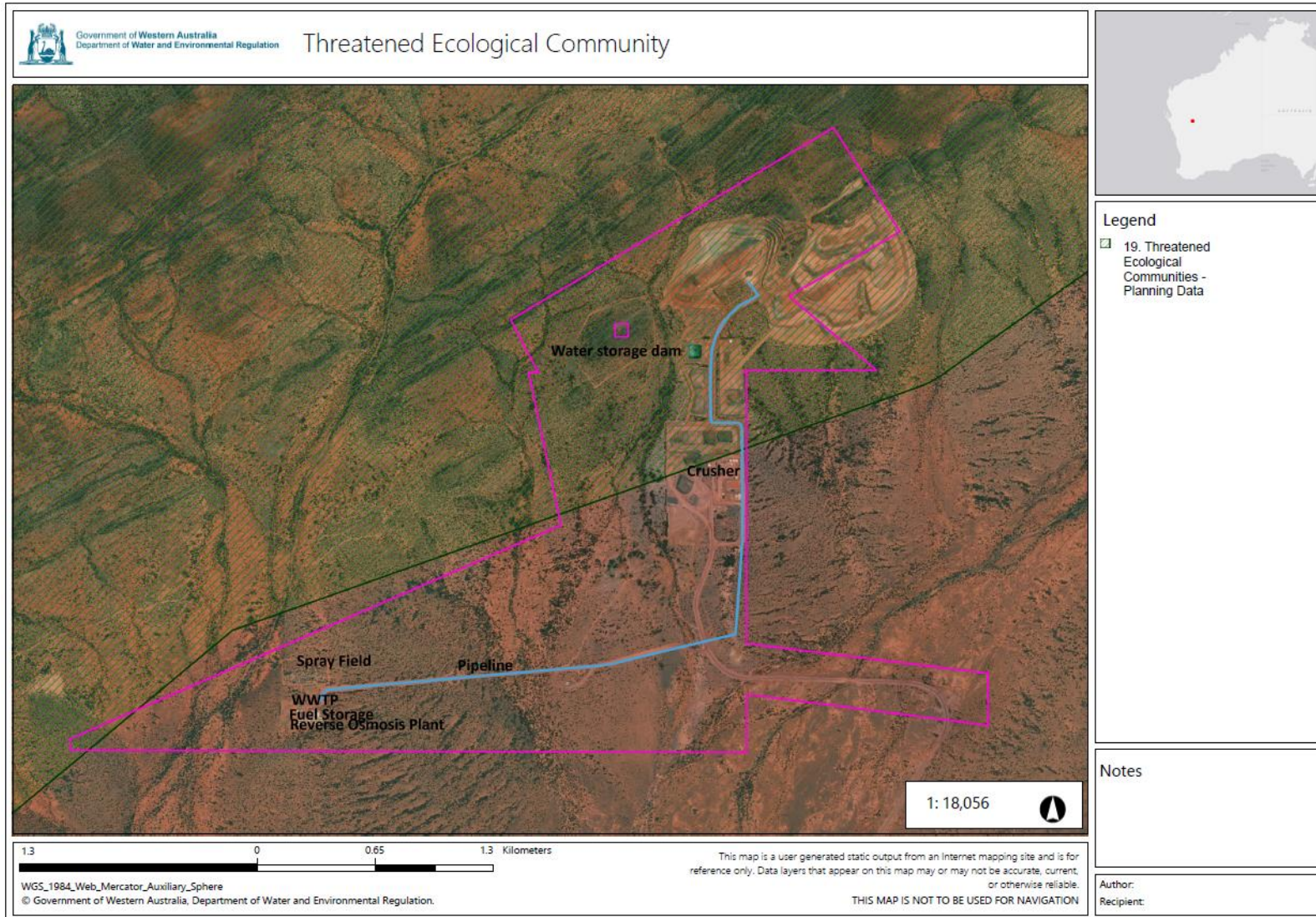


Figure 3: Threatened Ecological Communities within premises boundary

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 4.

Licence L9422/2024/1 that accompanies this decision report authorises emissions associated with the operation of the premises i.e. dewatering activities. The conditions in the issued licence, as outlined in Table 4 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

Table 5: 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								
Category 5								
Operation of the ore processing plant, unloading, loading and storage of material & Vehicle movements	Dust	Air / windborne pathway causing impacts to health and amenity	Creeks Priority flora (Refer to Section 3.1.5)	Refer to Section 3.1	C = Minor L = Possible Medium Risk	Y	Condition 1: operational requirements	NA
	Noise	Air / windborne pathway causing impacts to health and amenity	Endangered fauna (Refer to Section 3.1.5)	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	Y	NA	NA
	Sediment laden stormwater	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality	Creeks Priority flora (Refer to Section 3.1.5)	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	Y	Condition 1: operational requirements	NA
Category 6								
Dewatering activities and related activities	Dewatering of saline water	Spills, unintended releases of hypersaline mine dewater from storage dam or dewatering pipeline Storage dam overflows, leaks and or rupture causing discharge to soil and vegetation	Creeks Priority flora (Refer to Section 3.1.5)	Refer to Section 3.1	C = Minor L = Possible Medium Risk	N	Condition 1: operational requirements	NA

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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				
	Dust suppression	Direct runoff of dewatering water from roads where dewater has been applied for dust suppression affecting priority flora, superficial groundwater, ephemeral pools. Spray drift to soil, producing surface salt formation	Creeks Priority flora	Refer to Section 3.1	C = Moderate L = Possible Medium Risk	Y	Condition 4: to prevent damage to surrounding vegetation	NA
Category 85								
Operation of the WWTP and RO Plant	Spills/ unintended releases of untreated wastewater, solid waste, treatment and/or brine	Overland runoff potentially causing ecosystem disturbance or impacts to the health of flora and fauna; contamination of land, surface water and groundwater quality	Creeks Endangered flora	Refer to Section 3.1	C = Minor L = Possible Medium Risk	N	Condition 1: operational requirements	NA
	Direct discharge of effluent with RO brine Discharge of effluent with higher concentration than suspected/over the limit concentration (including <i>E. coli</i>) because malfunction of WWTP	Direct discharge to spray-field to soil producing surface salt formation Direct discharge to creeks reducing water quality Runoff affecting priority flora and creeks Seepage of discharged effluent to underlying groundwater	Creeks Endangered flora Soil	Refer to Section 3.1	C = Moderate L = Possible Medium Risk	N	Condition 2 – Table 2: Authorised discharged points Condition 3 - Table 3: discharge limits Condition 5 – Table 4: Emissions and discharge monitoring	NA

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 6 provides a summary of the consultation undertaken by the department.

Table 6: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 24 January 2024	No comments received	NA
Shire of Cue advised of proposal on 24 January 2024	No comments received	NA
Department of Planning, Lands and Heritage (DPLH) advised of proposal 24 January 2024	<p>Department of Planning, Lands and Heritage provided comments on 13 February 2024:</p> <p>"[...] From the provided information, it is my understanding that these proposals will not create any new impact to what has already been disturbed and that an exclusion zone exists around the Registered Site. If any of the licence works reveal any previously unknown Aboriginal heritage, or if any works have the potential to impact the Registered site, Fenix Resources will be required to report this information to the Department under the Aboriginal Heritage Act 1972 (AHA).</p> <p>Please refer them to the DPLH website at Aboriginal Heritage Approvals (www.wa.gov.au) for information on 'Land use under the Aboriginal Heritage Act 1972' for the types of approvals available under the AHA and how to apply.</p> <p>I encourage continued communication between Fenix Resources and the Wajarri Yamaji Aboriginal Corporation to ensure the ongoing exclusion of ID 32724 (Little Wilgie) from impact and achieve the best heritage outcomes for the licenced works [...]"</p>	The department acknowledges response and confirms that the Wajarri Yamaji Aboriginal Corporation advised of proposal.
<i>Wajarri Yamaji Aboriginal Corporation</i> advised of proposal on 24 January 2024	No comments received	NA
Sinosteel Midwest Corporation Ltd advised of proposal on 24 January 2024	No comments received	NA
Glen Station Residents advised of proposal on 24 January 2024	No comments received	NA
Applicant was provided with draft documents on 24 January 2024	Comments received on 11 March 2024, refer to Appendix 1	Answer in Appendix 1

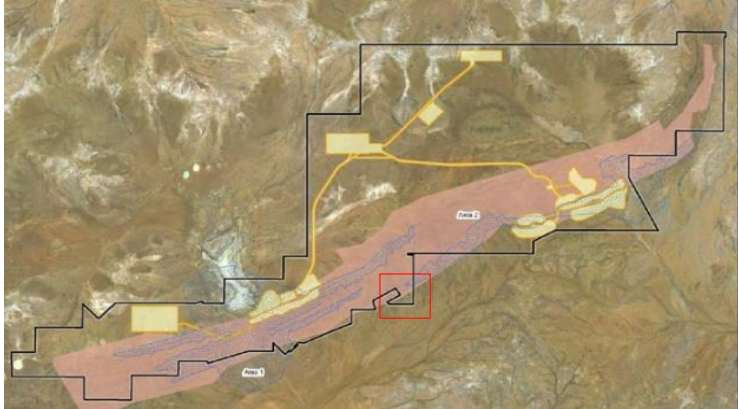
5. Conclusion

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. Due to previous non-compliance issues relating to the Works Approval, the Delegated Officer has elected to grant the licence for a 5 year period. Should compliance be demonstrated throughout this period, the Delegated Officer can consider granting a licence renewal for a longer term.

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. DWER 2021, Environmental Compliance Report assessment (REF: A1973637).
5. DWER 2023a, Compliance assessment form (REF: A2214781).
6. DWER 2023b, Compliance assessment form (REF: A2049345).
7. Office of the Appeals Convenor 2012, *Statement No. 908*, available at: https://www.epa.wa.gov.au/sites/default/files/Ministerial_Statement/Statement%20No.%20908.pdf
8. Fenix Resources Ltd 2023, Iron Ridge Project Licence Application, *Attachment 8D Laboratory analysis reports* (REF: A2204690).
9. Fenix Resources Ltd 2024, *Time Limited Operations report* (REF: A2254172).

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

Condition	Summary of applicant’s comment	Department’s response
Decision report – p1 – Section 2.3	L20/85 is held by Prometheus Mining and is not part of MS908. While there may be some overlap with the boundary of MS908, the Iron Ridge Project (Fenix Resources) is not related to the Weld Range Project (Sinosteel Midwest Corp Ltd).	<p>The Department notes the two projects are separate.</p> <p>For reference mine tenement L20/85 overlaps with the Weld Range Iron Ore Project and impact boundaries as defined in MS908. The official area of MS908 is depicted below in blue. The red square is mine tenement L20/85.</p> 
Decision report - 19	p19 2nd last row “Does the applicant hold any existing Part IV Ministerial Statements relevant to the application”. This should be marked as “No”. The comment “A small portion of the proposed project is located on tenement L20/88.....” is incorrect. L20/88 is under application by EVM Nickel Pty Ltd and is approximately 50 km south of Iron Ridge	Response as previous response
Decision report – p6	“Threatened and Priority Flora”. The statement “Adequately managed under MS908 (Trim Id: A1905023)” is not relevant to this project.	Noted and changed accordingly.

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:	W6429/2020/1	None	<input 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:				
Date application received		18 September 2023				
Applicant and Premises details						
Applicant name/s (full legal name/s)		Fenix Resources Ltd, ACN 125 323 622				
Premises name		Iron Ridge Project				
Premises location		M20/118, G20/28, L20/83, L20/84, L20/85 Via Wilgie Mia Road.				
Local Government Authority		Shire of Cue				
Application documents						
HPCM file reference number:		DER2023/000625				
Key application documents (additional to application form):		Fenix Licence Application Covering letter Iron Ridge Application form licence Attachment 2 – Premises Maps Attachment 8A – WWTP Construction Compliance Attachment 8C – WWTP Discharge Vols Attachment 8B – Dam Construction Compliance Attachment 8D – WWTP LabReports Attachment 1B – ASIC Company Attachment 13 – Proposed Fee Calculation				
Scope of application/assessment						
Summary of proposed activities or changes to existing operations.		The application is to operate: <ul style="list-style-type: none"> - A mobile crushing and screening plant with a nominal capacity of 1.5Mtpa. - Dewatering pipelines and storage dam to extract a maximum of 1,000 tonnes per day to enable dry mining, undertake dust suppression during construction and 				

	<p>provide domestic water to the accommodation camp.</p> <ul style="list-style-type: none"> - Wastewater treatment Plant; an ore processing plant, a mine dewatering storage pond, dewatering pipelines, a wastewater treatment plant, and a reverse osmosis plant at the premises. <p>Associated activities:</p> <ul style="list-style-type: none"> - Fuel storage, refuelling and washdown bay. - Bioremediation pad
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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	1.5 mtpa	N/A
Category 6: Mine dewatering	1000 tonnes per day 320,000 tonnes per annum	N/A
Category 85: Sewage facility	25 m ³ per day	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 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No: A small portion of the proposed project is located on tenement L20/88 which is subject to Ministerial Statement #908. MS908 is held by another proponent Sinosteel Midwest Corporation Limited for the Weld Range Project.
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No:
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 type="checkbox"/> Expiry: Mining lease / tenement <input checked="" type="checkbox"/> Expiry:

		<ul style="list-style-type: none"> • M20/118 (26/10/2030); • G20/28 (01/04/2041); • L20/83 (30/03/2041), • L20/84 (30/03/2041); and • L20/85 (30/03/2041). <p>Other evidence <input type="checkbox"/> Expiry:</p> <p>ASIC EXTRACTS:</p> <p>Fenix Resources Ltd - (G20/28) - Retrieved 22/04/2020 – Confirming Robert Brierley as a Director of Fenix Resources Ltd; and</p> <p>Prometheus Mining Pty Ltd - (M20/118), (L20/83), (L20/84) & (L20/85) - Retrieved 22/04/2020 – Confirming Robert Brierley as a Director of Prometheus Mining.</p>
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	<p>Approval:</p> <p>Expiry date:</p> <p>Consultation with Shire of Cue will occur during assessment phase for the WWTP.</p>
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CPS No: CPS 8891/1
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"/>	<p>Application reference No: N/A</p> <p>Licence/permit No: N/A</p>
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>Application reference No:</p> <p>Licence/permit No:</p> <p>GWL203604(1)/203604; and GWL203604(2)/203604.</p>
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>Name: East Murchinson Groundwater Area</p> <p>Type: Proclaimed Groundwater Area</p> <p>Has Regulatory Services (Water) been consulted?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/></p> <p>Regional office: Mid-West</p>

		Gascoyne
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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"/>
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>)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<ul style="list-style-type: none"> • The Aboriginal Cultural Heritage Act 2021 • EP Biodiversity Conservation Act 1999 (Slender-billed Thornbill); • Wildlife Conservation Act 1950 (Shield Black Spider). • WA Heritage Act 2018 (Little Wilgie Ochre Mine); and • The Mining Act 1978.
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
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"/>	Classification: N/A / Date of classification: N/A