



Application for Works Approval

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

Works Approval Number	W6853/2023/1
Applicant	Poondano Mining Company Pty Ltd
ACN	655 377 923
File number	DER2023/000564
Premises	Poondano Iron Ore Project M45/889 PIPPINGARRA – As defined by the coordinates in Schedule 1 of the Works Approval
Date of report	14/03/2024
Decision	Works approval granted

**A/Manager, Resource Industries
REGULATORY SERVICES**

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

Table of Contents

1. Decision summary	1
2. Scope of assessment	1
2.1 Regulatory framework	1
2.2 Application summary and overview of premises	1
2.2.1 Category 5 activities	1
2.2.2 Category 89 activities	2
2.2.3 Approval history	1
2.3 Other Approvals	1
2.3.1 The Mining Act 1978	1
3. Risk assessment	1
3.1 Source-pathways and receptors	1
3.1.1 Emissions and controls	1
3.1.2 Receptors	4
3.2 Risk ratings	2
4. Consultation	6
5. Conclusion	6
References	7
Appendix 1: Summary of applicant’s comments on risk assessment and draft conditions (if required)	8
Appendix 2: Application validation summary	10
Table 1: Proposed applicant controls	2
Table 2: Sensitive human and environmental receptors and distance from prescribed activity	4
Table 3: Risk assessment of potential emissions and discharges from the Premises during construction, commissioning and operation	3
Table 4: Consultation	6
Figure 1: Distance to sensitive receptors	1

1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the construction and operation of the premises. As a result of this assessment, works approval W6853/2023/1 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 28th August 2023 the Poondano Mining Company Pty Ltd (the applicant) 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 a crushing and screening plant, putrescible landfill and associated infrastructure for processing iron ore at the premises. The premises is located in Pippingarra, approximately 25 km southeast of Port Hedland at Poondano Iron Ore mine, which is located within mining tenement M45/889.

Poondano Iron Ore mine has previously been operated by Process Minerals International Ltd and Polaris Metals Pty Ltd under Licence L8319/2008/1. The site commenced operation in 2011 but was placed in care and maintenance in 2014. Since then the site has been decommissioned and rehabilitated.

The works approval application is for construction and time limited operations of:

- a crushing and screening plant with throughput of 300,000 tonnes per annum (tpa) with a campaign life of approximately 12 months.
- a putrescible landfill (40tpa) approximately 0.05 hectares in size.

The premises relates to the categories and assessed production / design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6853/2023/1. 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 W6853/2023/1.

2.2.1 Category 5 activities

The proposed crushing and screening plant will be a tracked mobile processing facility and the individual tracked items will be placed in a closed circuit (see Figure 1). Ore will feed into a 3-stage mobile processing plant comprising a jaw crusher (primary), cone crusher (secondary crusher) and screen set up, before being delivered to the lump stockpile.

The plant will operate 24 hours a day, seven days a week to crush boulder scree and separate ore and waste. All stages are physical in nature and do not include chemical beneficiation methods. Ore (as boulder scree) collected from the Project (previously mined stockpiles) will be loaded into haul trucks via excavators and delivered to a temporary Run-of-Mine (ROM) storage stockpile located adjacent the crushing and screening circuit within the proposed footprint of the processing plant (Figure 2). Stockpiled ore will be reclaimed from the ROM stockpile using a CAT 982 front end loader and loaded into the dump hopper of the Metso 120 Jaw Crusher

(primary).

The jaw crusher scalps out 25 mm is crushed to 100–150 mm by jaw crusher and the material then feeds onto a triple deck 20m x 6m screen. All 8–40-mm lump material is removed from the screen and stockpiled via two 24m tracked stackers. The 40mm to suitable size to pass through the 40mm square aperture steel screen mats. The cone then feeds back onto the 20m x 6m screen to form a closed-loop crushing circuit. Crushed and screen ore is loaded onto haul trucks and transport to Port Hedland for export.

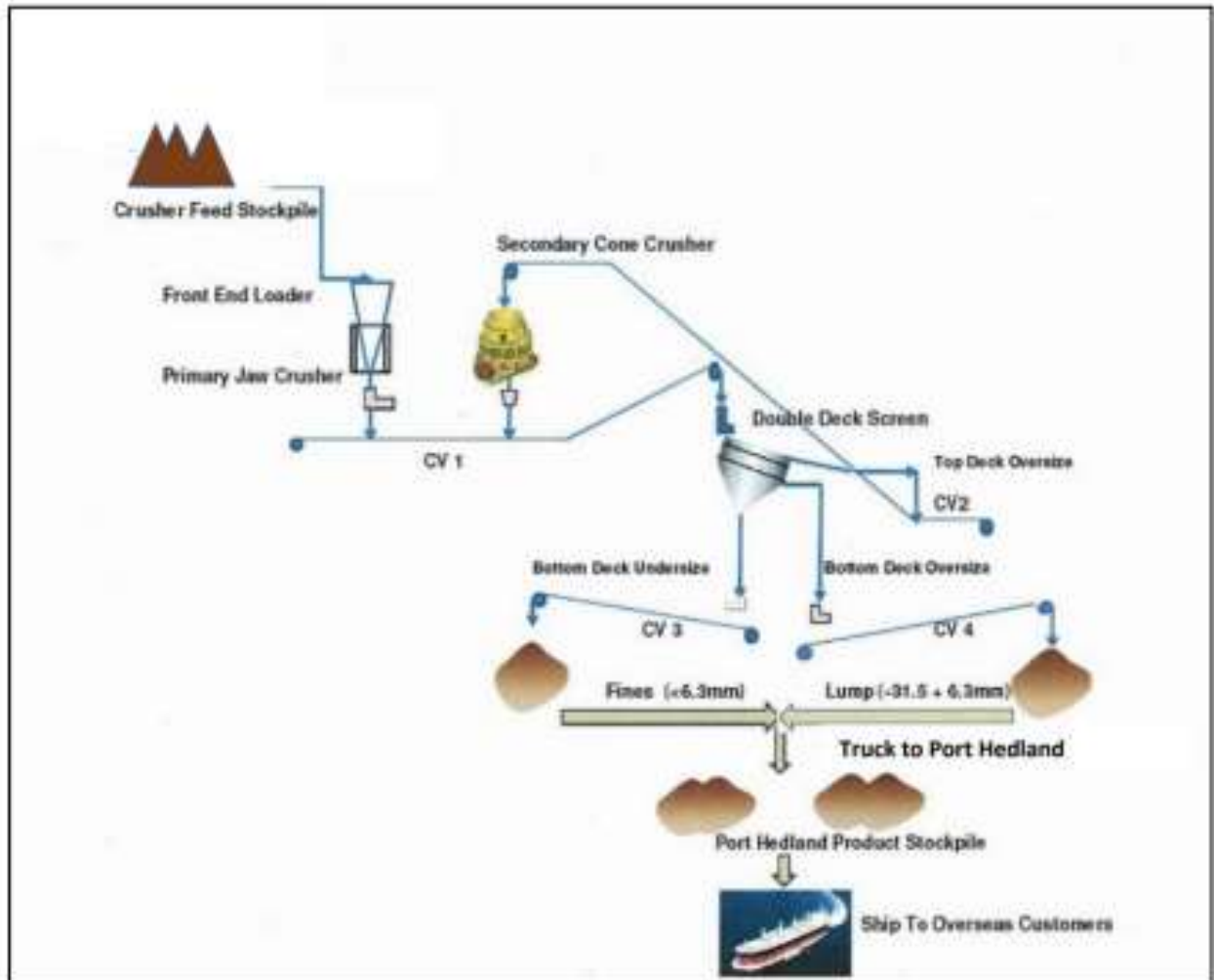


Figure 1: Mobile crushing and screening circuit.

2.2.2 Category 89 activities

Putrescible and non-putrescible, non-recyclable waste produced on site will be disposed of into a 40 tpa landfill facility. The landfill will be approximately 20 m in length, 3 m in depth and 3 m in width and will be developed using a moving, unlined trench with a maximum open excavation. An egress ramp will be constructed at each end of the trench for personnel and fauna to enter and exit the excavation safely and a perimeter fence will be installed around the boundary of the landfill to prevent fauna access. Additionally, a firebreak of at least 3 m will be maintained around the perimeter of the facility.

Overburden material from excavation of the trench will be used to cover waste on a weekly basis. The excavated overburden will be stored alongside the trench/es which will act as a barrier to prevent water inflow. Trenches will be filled with waste by tipping from above, utilizing the active long edge. Stormwater drainage in the form of a spoon drain will be installed

immediately upslope as a type of spoon drain which will divert runoff around the landfill facility, rainfall that falls within the trench will be self-contained.

It is proposed that once construction of the landfill and mobile crushing and screening plant (and associated infrastructure) is complete, Poondano Mining will operate the premises under the works approval under time-limited operation for a period of no more than 180 days.

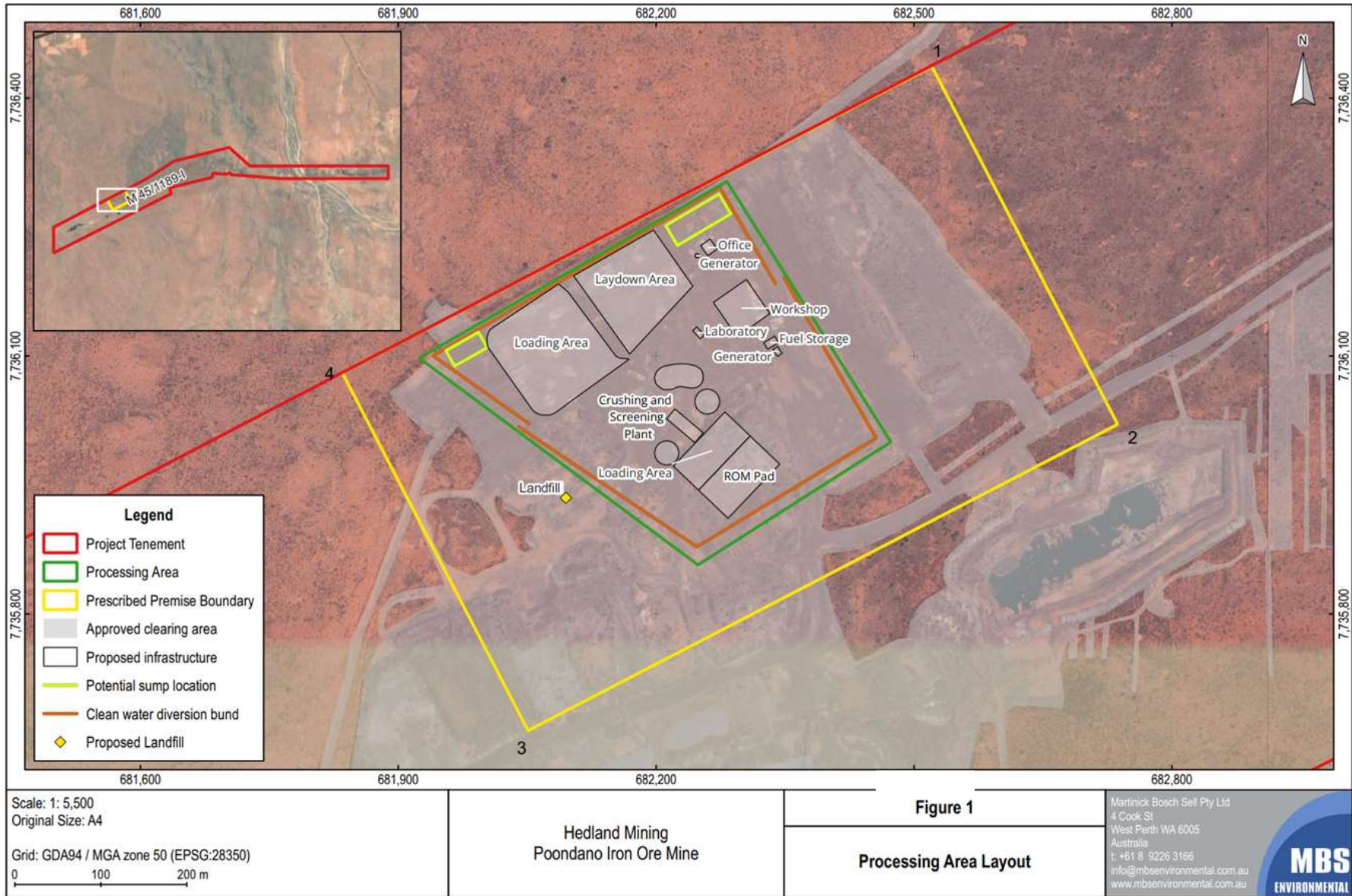


Figure 2: Poondano Iron Ore mine processing area

2.2.3 Approval history

The following (historic) approvals have been granted to the premises –

Table 1: Approvals history of the premises since 2011

Instrument	Issued	Nature and extent of works approval, licence or amendment
W4824/2010/1	26/05/2011	Category 5 (2.5mtpa ore) and Category 89 landfill (50tpa)
L8697/2012/1	26/11/2012	Operation of Category 5 and 89 premises (now expired)
W5461/2013/1	23/09/2013	Works approval for 110tpa tyre storage into shallow open pits
W5461/2013/1	09/01/2014	Amended works approval to change disposal pits
W5692/2014/1	20/10/2014	Works Approval issue for construction of a WWTP
R2407/2015/1	03/09/2015	Registration issued for operation of the WWTP
W6055/2017/1	04/08/2017	Works Approval to construct a temporary landfill for disposal of decommissioning material
W6055/2017/1	29/01/2018	Amendment to extend construction date of landfill
R2450/2017/1	04/09/2015	New registration for operation of temporary landfill

2.3 Other Approvals

2.3.1 The Mining Act 1978

No Mining Proposal for Poondano Iron Ore mine is currently under assessment by the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) as the project is not undertaking “mining” activities in accordance with the definition in the *Mining Act 1978*. There is a small mining operation of direct shipping ore from approximately 4 hectares of the premises currently under assessment by DEMIRS (Reg ID 120077). DEMIRS and its predecessors have carried out several assessments for Poondano Iron ore mine for historic activities as they relate to regulations under the *Mining Act 1978*.

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 /time limited operation which have been considered in this decision report are detailed in Table below. Table also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 2: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Placement of crusher/screen units and associated equipment including vehicle movements (reversing beepers), 24 hour construction day. Construction of hardstands for chemical storage, excavation of landfill pit.	Air/windborne pathway	<ul style="list-style-type: none"> Dust suppression (via water cart) on ore and ROM stockpiles and access roads. Vehicle speed restrictions and restrictions to defined roads
Noise/vibration		Air and ground pathway	<ul style="list-style-type: none"> Engines and generators will incorporate sound attenuating measures. Regular maintenance of vehicles and equipment.
Time limited operation			
Dust	Operation of crusher/screen units and associated equipment including vehicle movements, lights, truck loading/unloading (reversing beepers).	Air/windborne pathway	<ul style="list-style-type: none"> Installation and operation of water sprayers throughout the plant and on transfer points/chutes. Tail of jaw crusher and under cone crusher to be encapsulated to control dust emissions from crushing chambers Covered transfer chutes. Dust suppression (via water cart) on ore and ROM stockpiles and access roads. Vehicle speed restrictions and restrictions to defined roads
Noise/vibration		Air and ground pathway	<ul style="list-style-type: none"> Engines and generators will incorporate sound attenuating measures. Regular maintenance of vehicles and equipment.
Light		Air pathway	<p>Light emission will be managed in accordance with the National Light Pollution Guidelines Department of Climate Change, Energy, the Environment and Water (DCCEEW), 2023).</p> <p>Four light towers are required for night operations and will be operated with the following - and include:</p> <ul style="list-style-type: none"> The illumination from light towers will be directed downwards and partially shielded. Tower height will be as low as practical to minimise light spill. Prior to project start up, where adaptive wavelength cannot be utilized on site, other mitigation measures such as tight control of light spill, timers and/or motion sensors to control lights will be implemented. Construction activities will only occur during the daytime hours. Construction duration is expected to be approximately 8 weeks.

Emission	Sources	Potential pathways	Proposed controls
Sediment laden stormwater / contaminated stormwater		Overland runoff	<ul style="list-style-type: none"> Stormwater drains/bunds will be constructed to direct stormwater around processing infrastructure and landfill. Drainage structures will be monitored regularly and after heavy rainfall The processing area will be on a flat raised surface 400mm above the surrounding area. The south of the processing area will have upstream diversion bunds to direct clean surface runoff away from the area. Rainfall and surface water within the processing area will be directed into a sediment catchment to the north of the processing plant.
Contamination of land and/or waters	Hydrocarbon storage/waste	Direct discharge to land / overland runoff	<ul style="list-style-type: none"> All hydrocarbon storages will be designed and constructed in accordance with Australian Standards AS1940 and AS1692 i.e. a 100,000-L double-skin, self-contained fuel tanks in a bunded area contained within compacted earth aprons that will drain to a sump to allow removal of collected material. Minor hydrocarbon spillage occurring as a result of construction equipment breakdowns will be addressed and reported through the incident report procedure. Spill kits will be located at strategic locations throughout the project area and employees trained in their use. Equipment and vehicles including surface mobile equipment shall be subject to a regular maintenance program to reduce the likelihood of spills and leakages occurring. Static diesel fuel tanks associated with equipment will be self-bunded where available or otherwise located in bunding. Hydrocarbon wastes will be segregated from other wastes and collected for offsite disposal by a licensed contractor
Solid/liquid waste and leachate	Landfill	Solid and liquid waste leaching from unlined trench to land casing contamination, groundwater or surface water	<ul style="list-style-type: none"> Weekly covering of waste to avoid mixing with water (rainfall permeating into waste) The base of the landfill is more than 8 metres above groundwater (11-13 metres below ground level) High temperature and evaporation rates minimizing risk of water permeating into landfill while waste is uncovered. Windrows/ bunding constructed to divert clean stormwater around the landfill
Windblown waste		Direct discharge to land impacting ecosystem health and function	<ul style="list-style-type: none"> Landfill will be fenced to minimize windblown waste and attraction of vermin/feral animals. Fencing will include single strand wire with bat-deflectors (barbed wire will not be used).

Emission	Sources	Potential pathways	Proposed controls
		(attraction of pest species and feral animals may lead to habitat destruction or increased predation)	<ul style="list-style-type: none"> Weekly observation of feral animals will be recorded as part of weekly landfill inspections. In the event of feral animal activity and/or sightings being recorded, Hedland Mining will undertake a feral animal trapping program. Waste will be covered on a weekly basis. Windblown waste will be returned to the tipping face monthly

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 3 and Figure 3 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 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Homestead	Pippingarra Station Homestead closest receptor approximately 4kms to the west of the processing area. Screened out due to no pathway due to distance.
Environmental receptors	Distance from prescribed activity
Surface water	<p>Petermarer Creek is a locally significant watercourse passing directly through tenement M45/1189 but not intersecting the proposed activity areas.</p> <p>Locally significant to the Ngarla People (Petermarer Pool).</p> <p>Petermarer Creek is approximately 6.5 km east of the processing area.</p> <p>Beebingarra Creek (approximately 3 km to the east of the premises boundary) is another locally significant watercourse. Surface water flows at the project area to the west towards Beebingarra Creek and its tributaries. Screened out due to no pathway.</p>
Groundwater	Groundwater in the Poondano Southwest Mining Area, in which the processing plant and landfill will be located, has an average vertical depth between 11 and 13 meters below ground level (mbgl).

	<p>There are no Public Drinking Water Source Areas (PWDSAs) near Poondano. The closest PDWSA is the Turner River Water Reserve located approximately 15km west of the premises.</p>
<p>Threatened Fauna (EPBC and BC Act, DBCA priority species)</p>	<p>The following species were found within the project area:</p> <p>Northern Quoll (<i>Dasyurus hallucatus</i>) — listed as Endangered under the EPBC Act and BC Act.</p> <p>Pilbara Leaf-nosed Bat (<i>Rhinonictoris aurantia</i>) — listed as Vulnerable under the EPBC Act and BC Act.</p> <p>Western Pebble-mound Mouse (<i>Pseudomys chapmani</i>) — listed as a Priority 4 species by DBCA. Recorded sightings of this species found 480m from the processing plant and landfill area (see Figure 3).</p> <p>Ghost Bat (<i>Macroderma gigas</i>) — listed as Vulnerable under the EPBC Act and BC Act.</p>
<p>Native vegetation</p>	<p>Native Vegetation surrounds the proposed location of the crushing and screening plant and landfill.</p>

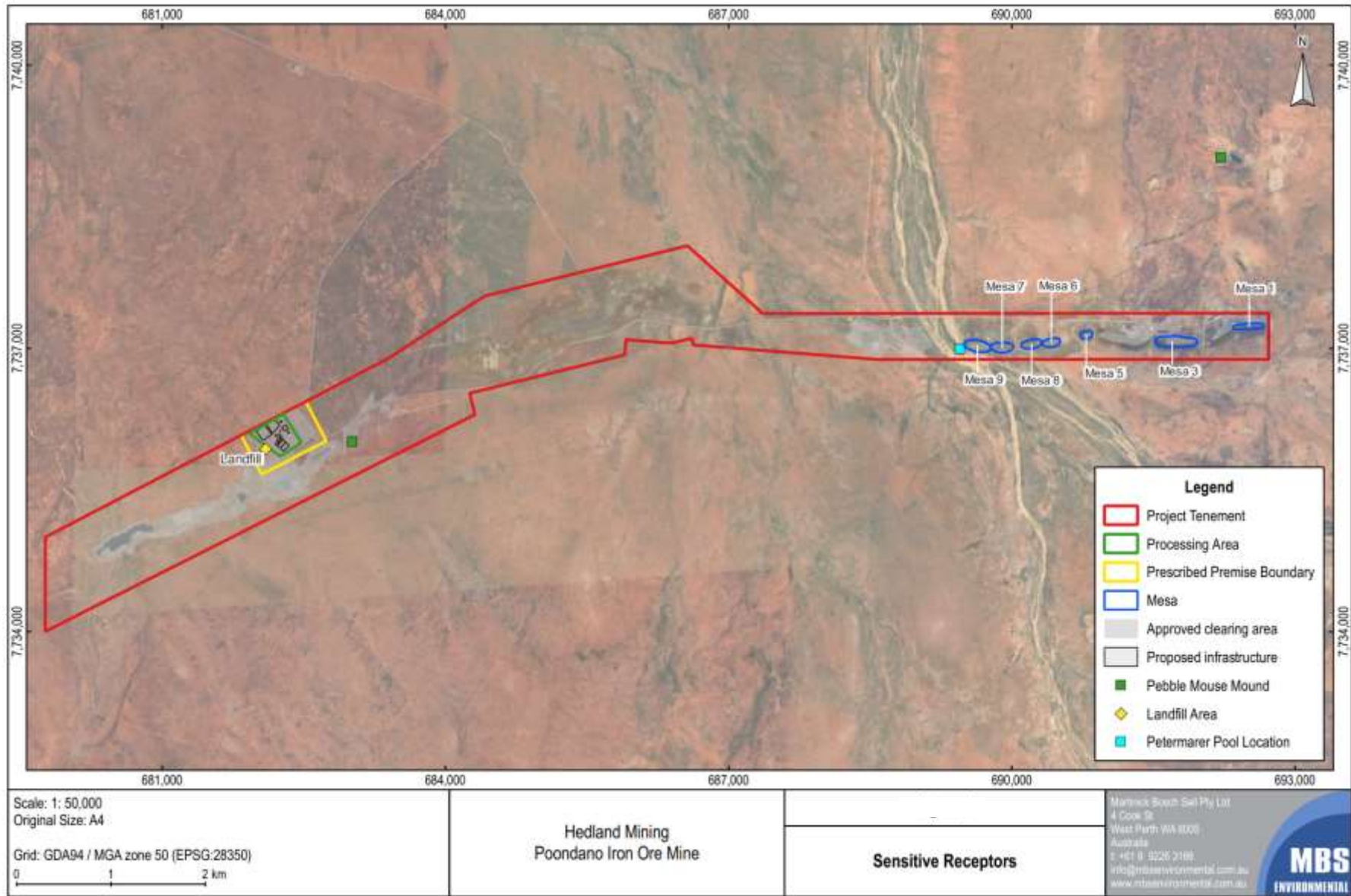


Figure 3: Distance to sensitive receptors (note Mesas refers to an isolated flat topped elevation containing caves thought to be critical habitat for bat species).

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 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 Table 4.

Works approval W6583/2023/1 that accompanies this decision report authorises construction and time-limited operations for a period of 180 days. The conditions in the issued works approval, as outlined in Table 4 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. processing and beneficiation and landfilling 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 4: Risk assessment of potential emissions and discharges from the premises during construction, and time limited operation

Risk events					Risk rating ¹	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls	C = consequence L = likelihood			
Construction								
Placement of crusher/screen units and associated equipment including vehicle movements (reversing beepers). Construction of hardstands for chemical storage, excavation of landfill pit.	Dust	Air/windborne pathway causing impacts to threatened fauna approx. 480m from processing area.	Threatened fauna within mining tenement. Ghost bats, Northern Quoll and Pebble mouse located within mining tenement. Native vegetation adjacent to construction area.	Refer to Table 2.	C = Slight L = Unlikely Low Risk	Y	N/A	N/A
	Noise/vibration	Air and ground pathway causing impacts to threatened fauna approx. 480m from processing area.	Threatened fauna within mining tenement. Ghost bats, Northern Quoll and Pebble mouse located within mining tenement.	Refer to Table 2	C = Slight L = Unlikely Low Risk	Y	N/A	N/A
Operation (and Time limited Operation)								
Operation of crusher/screen units and associated equipment including vehicle movements, lights, truck	Dust	Air/windborne pathway causing impacts to threatened fauna approx. 480m from processing area and native vegetation	Threatened fauna within mining tenement. Ghost bats, Northern Quoll and Pebble mouse located within mining tenement. Native vegetation	Refer to Table 2.	C = Minor L = Unlikely Medium Risk	Y	Condition 1: Construction requirements – water sprays Condition 6 – time limited operation	Applicant’s proposed controls have been conditioned within the works approval as per <i>Guideline: Risk Assessments</i> (DWER 2020).

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
loading/unloading (reversing beepers). Operation of landfill			adjacent to processing plant.				requirements	
	Noise/vibration	Air and ground pathway causing impacts to threatened fauna approx. 480m from processing area.	Threatened fauna within mining tenement. Ghost bats, Northern Quoll and Pebble mouse located within mining tenement.	Refer to Table 2.	C = Minor L = Unlikely Medium Risk	Y	N/A	Distance to recorded threatened fauna 480m from site, disturbance to habitat likely to be minimal. No additional regulatory controls required.
	Light	Air causing impacts to threatened fauna approx. 480m from processing area.	Threatened fauna within mining tenement. Ghost bats, Northern Quoll and Pebble mouse located within mining tenement.	Refer to Table 2.	C = Slight L = Unlikely Low Risk	Y	N/A	Minimal offsite impact from light emissions on fauna receptors is expected due to the short operating life of the project (12 months). The distance to the most light sensitive receptor (Ghost bat locations) is also approximately 6 kilometers away. As a result, the likelihood of an impact occurring is unlikely. No additional regulatory controls are required.
	Sediment laden stormwater / contaminated stormwater	Overland runoff and/or hydrocarbon contaminated stormwater potentially causing impacts to vegetation and/or wildlife or local surface water bodies.	Native vegetation adjacent to processing plant. Local surface water drains west to a tributary of Beebingarra creek to the west.	Refer to Table 2.	C = Minor L = Unlikely Medium Risk	Y	Condition 1: Construction requirements for stormwater management infrastructure Condition 6: time limited operation requirements	Applicant's proposed controls have been conditioned within the works approval as per <i>Guideline: Risk Assessments</i> (DWER 2020).

Risk events					Risk rating ¹	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls	C = consequence L = likelihood			
Hydrocarbon storage/waste	Contamination of land and/or waters	Hydrocarbon spills or leaks to ground/groundwater, hydrocarbon contaminated stormwater potentially causing impacts to vegetation and/or wildlife.	Local ephemeral surface water bodies, groundwater, land	Refer to Table 2.	C = Minor L = Unlikely Medium Risk	Y	N/A	No regulatory controls are required as: The general provisions of the <i>Environmental Protection (Unauthorised Discharge) Regulations 2004</i> apply. Hydrocarbon storage is regulated under the <i>Dangerous Goods Safety Act 2004</i> .
Disposal of waste into landfill	Solid/liquid waste and leachate	Solid and liquid waste leaching from unlined trench to land casing contamination, groundwater or surface water	Groundwater between 11 and 13 meters below ground level. Threatened fauna within mining tenement,	Refer to Table 2.	C = Minor L = Unlikely Medium Risk	Y	Condition 1: landfill construction requirements Condition 6: Landfill Time limited operation requirements	Applicant's proposed controls have been conditioned within the works approval as per <i>Guideline: Risk Assessments (DWER 2020)</i> .
	Windblown waste	Direct discharge to land impacting ecosystem health and function (attraction of pest species and feral animals may lead to habitat destruction or increased predation)	Threatened fauna and adjacent native vegetation/ecosystems	Refer to Table 2.	C = Slight L = Unlikely Low Risk	Y	Condition 1: landfill construction requirements Condition 6: Landfill Time limited operation requirements	Applicant's proposed controls have been conditioned within the works approval as per <i>Guideline: Risk Assessments (DWER 2020)</i> .

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

Table 5: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 2/03/2022.	None received	N/A
Local Government Authority advised of proposal on 17 th November 2023	The Town of Port Hedland replied on 7/12/2023 supporting the proposal subject to it being referred to Main Roads due to potential increase in traffic and impacts on access on Great Northern Highway.	Noted. Applicant has been made aware of the Shires comments. It is recommended Poondano Mining Company liaise with Main Roads in relation to vehicle movement and access to Great Northern Highway.
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 17 th November 2023	DMIRS replied on 12/12/2023 stating that they are aware of the proposal and that a small direct shipping ore mining operation is currently under assessment within the tenement.	Noted
Department of Biodiversity, Conservation and Attractions (DBCA) advised of proposal on 17 th November 2023	DBCA confirmed threatened fauna species (Northern Quoll, Pilbara leaf-nosed bat and ghost bat) have the potential to be indirectly affected by the proposal. It is suggested the proponent follow best practice management, including following the National Light Pollution Guidelines (DCCEEW. 2023). DBCA also recommends avoiding the use of barbed wire or installing a single strand with bat-deflectors to minimise impacts on threatened bats and for a feral animal monitoring program to be established to monitor feral animal numbers around the landfill.	Noted. The applicant has been made aware of DBCA's comments. See Appendix 1.
Applicant was provided with draft documents on 5 th February 2024	Refer to Appendix 1	Refer to Appendix 1

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. The applicant is required to apply for a Licence to operate prior to the time-limited operations period ceasing.

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. Poondano Mining Company Pty Ltd, Poondano Iron Ore WAA Attachments, 29/08/2023, West Perth, Western Australia.
5. MBS Environmental for Poondano Mining Company Pty Ltd, RE:Hedland Mining - Poondano Iron Ore, 29/11/2023, West Perth, Western Australia.
6. MBS Environmental for Poondano Mining Company Pty Ltd, WORKS APPROVAL W6853/2023/1 - DRAFT INSTRUMENT AND DECISION REPORT- Response to Outstanding Information, 29/02/2024, West Perth, Western Australia.

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

Applicant comments on the Draft Works Approval

Condition	Summary of applicant's comment	Department's response
Condition 1, Table 1	Please refer to attached updated figure (Figure 1 - Processing Area Layout)	Works Approval updated
Schedule 1, Premises Maps	Please refer to attached updated figure (Figure 1 - Processing Area Layout) The premises boundary is the area surrounding the prescribed activities defined using GPS coordinates.	Schedule 1 Premises Map updated
Schedule 2: Premises boundary, Table 1	Please refer to attached document - GPS coordinates.	GPS co-ordinates added to Schedule 2

Applicant comments on the Draft Decision Report

Section	Summary of applicant's comment	Department's response
Figure 2	Please refer to attached updated figure (Figure 1 - Processing Area Layout) The premises boundary is the area surrounding the prescribed activities defined using GPS coordinates.	Noted. Map updated as Figure 2.
Section 3.1.1 - Emissions and controls, Table 2	Light emission will be managed in accordance with the National Light Pollution Guidelines (DCCEEW. 2023). Measures to manage light emissions during operations will be: <ul style="list-style-type: none"> • A minimum of 4 light towers required for night operations. <ul style="list-style-type: none"> • Light tower illumination will be directed downwards and partially shielded. 	Noted. Included in Proposed Applicant Controls in Table 2.

Section	Summary of applicant's comment	Department's response
	<ul style="list-style-type: none"> • Height of light towers will be as low as practical to minimise light spill. • Prior to project start up, consideration will be given to the appropriate wavelength of light to be implemented in relation to wildlife however where adaptive wavelength cannot be addressed based on what is dependant for human use, other mitigation measures such as tight control of light spill, timers and/or motion sensors to control lights will be implemented. <ul style="list-style-type: none"> • Construction activities will only occur during the daytime hours. <p>Construction duration is expected to be approximately 8 weeks.</p>	
Section 3.1.2 Receptors, Figure 1	Please refer to attached Figure 1 - Environmental Receptors	Noted, included as Figure 3.
Section 4 Consultation	<p>Please refer to Attachment 5 - <i>Stakeholder Engagement Register of Works Approval Application</i> submitted on 28th August 2023.</p> <p>Hedland Mining consulted with Main Roads regarding the re-commencement of Mining Operations at Poondano on 08 June 2022, and again through Q3 and Q4 2023 (Andrew Pyke – Director Pilbara Region).</p>	Noted.
Table 1 – Consultation (DBCA)	<p>Fencing of the landfill will include single strand wire with bat-deflectors, barbed wire will not be used.</p> <p>Observation of any feral animal activities and/or feral animal sightings will also be recorded as part of weekly Landfill inspections. In the event of feral animal activity and/or sightings being recorded, Hedland Mining will undertake a feral animal trapping program.</p>	Noted. Included in Proposed Applicant Controls in Table 2.

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
Application type				
Works approval	<input checked="" type="checkbox"/>			
Licence	<input type="checkbox"/>	Relevant works approval number:		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:		
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	28/08/2023			
Applicant and Premises details				
Applicant name/s (full legal name/s)	Hedland Mining Pty Ltd (for Poondano Mining Company Pty Ltd)			
Premises name	Poondano Iron Ore mine			
Premises location	M45/1189			
Local Government Authority	Town of Port Hedland			
Application documents				
HPCM file reference number:	DWERCT827462, A2199481			
Key application documents (additional to application form):	Poondano Iron Ore WAA Attachments Spatial data for submission			
Scope of application/assessment				

<p>Summary of proposed activities or changes to existing operations.</p>	<p>Works approval</p> <p>Recommendation of mining operations at Poondano Iron Ore mine (previously issued under W4824/2010/1 and L8697/2012/1</p> <p>Crushing and Screening of approx. 300kt of stockpiled ore (stockpiled from previous mining campaigns) via a mobile crushing and screening processing plant. A 1 year life of mine (LOM) is expected however this may be extended when the operational lifespan is better understood.</p> <p>A Class II putrescible landfill will also be established on site with a 40tpa capacity.</p> <p>A small septic and collection disposal system will manage onsite wastewater, the type and size are below prescribed premises categories.</p> <p>Power generation is via diesel powered generators which are below the 10MW per annum prescribed activity threshold.</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
Category 5: Processing or beneficiation of metallic or non-metallic ore: premises on which — (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed.	300ktpa
Category 89: Putrescible landfill site – premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the Landfill Waste Classification and Waste Definitions 1996, is accepted for burial.	40tpa

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:
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:18/05/2030

		Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Approval: Expiry date: If N/A explain why?
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 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 type="checkbox"/>	Application reference No: Licence/permit No: Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Type: Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office:
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input 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"/>	<i>Environmental Protection (Noise) Regulations 1997</i> <i>Environmental Protection (Clearing of Native Vegetation) Regulations 2004</i> <i>Environmental Protection (Unauthorised Discharge) Regulations 2004</i> <i>Environmental Protection (Controlled Waste) Regulations 2004</i> <i>Environmental Protection (Rural Landfill) Regulations 2002</i> Dangerous Goods Safety Act 2004 and

		<p><i>Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007</i> <i>Mining Act 1978 and Mining Regulations 1996</i> <i>Occupational Safety and Health Act 1984 and Occupational Safety and Health Regulations 1995</i></p> <p>Aboriginal Heritage Act 1972</p> <p>Rights in Water Irrigation Act 1914</p> <p>Environmental Protection and Biodiversity Conservation Act 1999 Biodiversity Conservation Act 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>	