



Part 1: Application type

INSTRUCTIONS:

- Completion of this form is a statutory requirement under s.54(1)(a) of the *Environmental Protection Act 1986* (WA) (EP Act) for works approval applications; s.57(1)(a) for licence and licence renewal applications; s.59B(1)(a) for applications for an amendment; and under r.5B(2)(a) of the *Environmental Protection Regulations 1987* (WA) (EP Regulations) for applications for registration of premises.
- The instructions set out in this application form are general in nature.
- A reference to 'you' in these instructions is a reference to the applicant.
- The information provided to you by the Department of Water and Environmental Regulation (DWER) in relation to making applications does not constitute legal advice. DWER recommends that you obtain independent legal advice.
- Applicants seeking further information relating to requirements under the EP Act and/or EP Regulations are directed to the Parliamentary Counsel's Office website (www.legislation.wa.gov.au). Schedule 1 of the EP Regulations contains the categories of prescribed premises.
- For prescribed premises where activities fall within more than one category, ALL applicable categories must be identified. This applies for existing prescribed premises seeking renewal or amendment, as well as new prescribed premises.
- The application form must be completed with all relevant information attached. Attachments can be combined and submitted as one or more consolidated documents if desired, provided it is clear which section of the application form the information / attachments relate to. Where attachments are submitted separately, avoid duplicating information. Ensure that any cross-references between the application form and the supporting document(s) are accurate.
- If an application form has been submitted which is incomplete or materially incorrect, the Chief Executive Officer of DWER (CEO) will decline to deal with the application and advise the applicant accordingly.
- On completing this application form, please submit it to DWER in line with the instructions in Part 15 of the form.

1.1 This is an application for:
[Select one option only. Your application may be returned if multiple options are selected.]

under Part V, Division 3 of the EP Act.

Please see the:

- [Guideline: Industry Regulation Guide to Licensing](#)
- [Procedure: Prescribed premises works approvals and licences](#)

for more information to assist in understanding DWER's regulatory regime for prescribed premises.

☒ Works approval

☐ Licence

Existing registration number(s): []
Existing works approval number(s): []

☐ Renewal

Existing licence number: []

☐ Amendment

Number of the existing licence or works approval to be amended: []

☐ Registration (works approval already obtained)

Existing works approval number(s): []

1.2 For a works approval amendment or licence amendment, are there less than 90 business days until the expiry of the existing works approval or licence?
Only active instruments can be amended. Applications to amend a works approval or licence must be made 90 business days or more prior to the existing works approval or licence expiring to ensure there is adequate time to assess the amendment.

N/A

☐

1.3 This application is for the following categories of prescribed premises:
(specify all prescribed premises category numbers)

[89]

☒

All activities that meet the definition of a prescribed premises as set out in Schedule 1 of the EP Regulations have been specified above (tick, if yes).

Completion Matrix

The matrix below explains what sections are required to be completed for different types of applications.

Application form section	New application / registration	Renewal	Amendment
Part 1: Application type	•	•	•
Part 2: Applicant details	•	•	•
Part 3: Premises details	•	•	△
Part 4: Proposed activities	•	•	•
Part 5: Index of Biodiversity Surveys for Assessment and Index of Marine Surveys for Assessment	If required.	If required.	If required.
Part 6: Other DWER approvals	•	•	•
Part 7: Other approvals and consultation	•	•	•
Part 8: Applicant history	•	•	△
Part 9: Emissions, discharges, and waste	•	•	△
Part 10: Siting and location	•	•	△
Part 11: Submission of any other relevant information	•	•	If required.
Part 12: Category checklist(s)	•	•	•
Part 13: Proposed fee calculation	•	•	•
Part 14: Commercially sensitive or confidential information	•	•	•
Part 15: Submission of application	•	•	•
Part 16: Declaration and signature	•	•	•
Attachment 1A: Proof of occupier status	•	•	N/A
Attachment 1B: ASIC company extract	•	•	N/A
Attachment 1C: Authorisation to act as a representative of the occupier	•	•	•
Attachment 2: Premises map/s	•	•	△
Attachment 3A: Environmental commissioning plan	If required.	N/A	If required
Attachment 3B: Proposed activities	•	•	△
Attachment 3C: Map of area proposed to be cleared (only applicable if clearing is proposed)	•	•	•
Attachment 3D: Additional information for clearing assessment	If required.	If required.	If required.
Attachment 4: Marine surveys (only applicable if marine surveys included in application)	•	•	•
Attachment 5: Other approvals and consultation documentation	•	•	△
Attachment 6A: Emissions and discharges	If required.	If required.	If required.
Attachment 6B: Waste acceptance	If required.	If required.	If required.
Attachment 7: Siting and location	•	•	△
Attachment 8: Additional information submitted	If required.	If required.	If required.
Attachment 9: Category-specific checklist(s)	•	If required.	If required.
Attachment 10: Proposed fee calculation	•	•	•
Attachment 11: Request for exemption from publication	If required.	If required.	If required.
Key: • Must be completed / submitted. △ To the extent changed / required in relation to the amendment. N/A Not required with application, but may be requested subsequently depending on DWER records. “If required” Sections for applicants to determine.			

Part 2: Applicant details**INSTRUCTIONS:**

- The applicant (the occupier of the premises) must be an individual(s), a company, body corporate, or public authority, but not a partnership, trust, or joint-venture name. Applications made by or on behalf of business names or unincorporated associations will not be accepted.
- If applying as an individual, your full legal name must be provided.
- If applying as a company, body corporate, or public authority, the full legal entity name must be inserted.
- Australian Company Number's (ACN) must be provided for all companies or body corporates.
- DWER prefers to send all correspondence electronically via email. We request that you consent to receiving all correspondence relating to instruments and notices under Part V of the EP Act (Part V documents) electronically via email, by indicating your consent in Section 2.3.
- Companies or body corporates making an application must nominate an authorised representative from within their organisation. Proof of authorisation must be submitted with the application (see Section 2.10). If you are applying as an individual, you are the representative.
- Details of a contact person must be provided for DWER enquiries in relation to your application. This contact person can be a consultant if authorised to represent the applicant. Written evidence of this authorisation must be provided.
- Details of the occupier of the premises must be provided. One of the options must be selected and if you have been asked to specify, please provide details. For example, if 'lease holder' has been selected, please specify the type of lease (for example, pastoral lease, mining lease, or general lease) and provide a copy of the lease document(s). Note that contracts for sale of land will not be sufficient evidence of occupancy status.

2.1	Applicant name/s (full legal name/s): The proposed holder of the works approval, licence or registration.	Abra Mining Pty Ltd (AMPL)								
	ACN (if applicable):	110 233 577								
2.2	Trading as (if applicable):									
2.3	Authorised representative details: The person authorised to receive correspondence and Part V documents on behalf of the applicant under the EP Act. Where 'yes' is selected, all correspondence will be sent to you via email, to the email address provided in this section. Where 'no' has been selected, Part V documents will be posted to you in hard copy to the postal / business address specified in Section 2.4, below. Other general correspondence may still be sent to you via email.	<div style="background-color: black; width: 100%; height: 150px; margin-bottom: 5px;"></div> <table border="1" style="width: 100%;"> <tr> <td style="width: 80%;"><i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i></td> <td style="width: 10%; text-align: center;">Yes</td> <td style="width: 10%; text-align: center;">No</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> </table>			<i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i>	Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i>	Yes				No					
<input checked="" type="checkbox"/>	<input type="checkbox"/>									
2.4	Registered office address, as registered with the Australian Securities and Investments Commission (ASIC): This must be a physical address to which a Part V document may be delivered.									
2.5	Postal address for all other correspondence: If different from Section 2.4.									

Part 2: Applicant details						
2.6	Contact person details for DWER enquiries relating to the application (if different from the authorised representative): For example, could be a consultant or a site-based employee.					
2.7	Occupier status: Occupier is defined in s.3 of the EP Act and includes a person in occupation or control of the premises, or occupying a different part of the premises whether or not that person is the owner. Note: if a lease holder, the applicant must be the holder of an executed lease, not just an agreement to lease.				Registered proprietor on certificate of title.	<input type="checkbox"/>
					Lease holder (please specify, including date of expiry of lease).	<input checked="" type="checkbox"/>
					General Purpose Lease G52/292. Expiry 9/7/2039	
		Public authority that has care, control, or management of the land.	<input type="checkbox"/>			
		Other evidence of legal occupation or control (please specify – for example, joint venture operating entity, contract, letter of operational control, or other legal document or evidence of legal occupation).	<input type="checkbox"/>			
Attachments			N/A	Yes		
2.8	Attachment 1A: Proof of occupier status	Copies of certificate of title, lease, or other instruments evidencing proof of occupier status, including the expiry date or confirmation that there is no expiry date, have been provided and labelled as Attachment 1A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.9	Attachment 1B: ASIC company extract	A current company information extract (not the company information summary) purchased from the ASIC website(s) for all new applications / registrations has been provided and labelled as Attachment 1B.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2.10	Attachment 1C: Authorisation to act as representative of the occupier	A copy of the documentation authorising the applicant to act on the occupier's behalf as their authorised agent/representative has been provided and labelled as Attachment 1C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Figure 1 Attachment 1A – Proof of Occupier Status

Part 3: Premises details				
3.1	Premises description (whole or part to be specified): Include the land description (volume and folio number, lot, or location number/s); Crown lease or reserve number; pastoral lease number; or mining tenement number (as appropriate), of all properties, as shown on title details registered with Landgate.	General Purpose Lease G52/292		
	Premises street address Include the suburb.	Abra Base Metals Project General Purpose Lease G52/292 Meekatharra WA 662		
	Premises name (if applicable):	Abra Base Metals Mine		
3.2	Local Government Authority area: City, Town, or Shire.	Shire of Meekatharra		
3.3	GPS (latitude and longitude) coordinates: GPS coordinates determined using the GDA 2020 (Geographic latitude / longitude) coordinate system and datum must be provided for all points around the proposed premises boundary, where the entirety of the cadastre (land parcel) or mining tenements are not used as the premises boundary.	Coordinates of the corners of the proposed new landfill area are (longitude (°), latitude (°)): (118.593424°, -24.636086°) (118.592364°, -24.636086°) (118.592364°, -24.637236°) (118.593424°, -24.637236°)		
Attachments			N/A	Yes
3.4	Attachment 2: Premises map(s)	You must provide as an attachment to this application form, labelled Attachment 2, either: <ol style="list-style-type: none"> an aerial photograph, map, and site plan of sufficient scale showing the proposed prescribed premises boundary or where available, a map of the proposed premises boundary and site plan as an ESRI shapefile (accepted file types include .dbf, .shp, .prj, and .shx) with the following properties (provided on a suitable portable digital storage device, if submitting application in hard copy form): <ul style="list-style-type: none"> Geometry type: Polygon Shape Coordinate system: GDA 2020 (Geographic latitude / longitude) Datum: GDA 2020 (Geocentric Datum of Australia 2020). You must also provide a map or maps of the prescribed premises, clearly identifying and labelling: <ul style="list-style-type: none"> layout of key infrastructure and buildings, clearly labelled; the premises boundary (where the premises boundary does not align with the entirety of the cadastral boundary, identify the Lot Number for which the premises is part of); emission and discharge points (with precise GPS coordinates where available); monitoring points (with precise GPS coordinates where available); sensitive receptors and land uses all areas proposed to be cleared (if applicable). Maps must contain a north arrow, clearly marking the area in which the activities are carried out. The map or maps must be of reasonable clarity and have a visible scale.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 4: Proposed activities**INSTRUCTIONS:**

- You must provide a description and the scope, size and scale of all prescribed activities of Schedule 1 to the EP Regulations including the maximum production or design capacity of each prescribed activity.
- If applying for a works approval or licence amendment involving the construction of new infrastructure, you must provide information on infrastructure to be constructed and how long construction is expected to take. You must confirm if commissioning is to occur and how long it will take.
- If applying for a works approval or licence amendment *not* involving the construction of new infrastructure, provide details of the proposed amendment.
- You must identify all emission sources on the premises map/s.
- You must also provide information on activities which directly relate to the prescribed premises category which have, or are likely to result in, an emission or discharge.
- If clearing activities are proposed provide a description and details. If a relevant exemption under Schedule 6 of the EP Act or r.5 of the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (Clearing Regulations) may apply, provide details.
- Note that in some cases, DWER may require that the clearing components of a works approval or licence (or amendment) application be submitted separately through the clearing permit application process. Refer to the [Procedure: Prescribed premises works approvals and licences](#) for further guidance.
- Please note that the requested information is critical to DWER's understanding of the proposed activities. The more accurate, specific, and complete the information provided in the application, the less uncertainty that DWER may identify in the application, therefore facilitating completion of the assessment in a more efficient and timely manner.

4.1 Prescribed premises infrastructure and equipment

In Table 4.1 (below), provide a list of all items of infrastructure and equipment within the boundary of the prescribed premises relevant to this application, and include the following details for each:

- relevant categories (if known)** – the categories of prescribed premises (as listed under Schedule 1 of the EP Regulations) that relate to that infrastructure or equipment;
- site plan reference** – the location of that infrastructure or equipment (with reference to the site plan map or maps provided above in Section 3.4 and labelled as Attachment 2 – e.g. use GPS coordinates or a clear description such as “labelled as [label on premises map] on Map A”);
- is it critical containment infrastructure (CCI)?** – indicate if the identified infrastructure or equipment would be categorised as CCI. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on CCI; and
- is environmental commissioning required?** – indicate if environmental commissioning is intended to be undertaken for that item of infrastructure or equipment. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on environmental commissioning.

Add additional rows to Table 4.1 (below) as required.

Table 4.1: Infrastructure and equipment

	Infrastructure and equipment	Relevant categories (if known)	Site plan reference	CCI? (mark if yes)	Environmental commissioning? (mark if yes)
1.	Class II Putrescible mine landfill site	89	Area is displayed as a blue box and labelled as “Proposed New Landfill” in Error! Reference source not found.	<input type="checkbox"/>	<input type="checkbox"/>

Part 4: Proposed activities**4.2 Detailed description of proposed activities or proposed changes (if an amendment):**

You must provide details of proposed activities relevant to this application within the boundary of the prescribed premises, identifying:

- scope, size, and scale of the project, including details as to production or design capacity (and/or frequency, if applicable);
- key infrastructure and equipment;
- description of processes or operations (a process flow chart may be included as an attachment);
- emission / discharge points;
- locations of waste storage or disposal
- activities occurring during construction, environmental commissioning, and operation (if applicable).

If assessment and imposition of conditions to allow environmental commissioning to be undertaken are requested, please provide an environmental commissioning plan as Attachment 3A (see 4.11 below).

Additional information relating to the proposed activities may be included in Attachment 3B (see 4.12 below).

Construction activities (if applicable):

The proposed works involve the construction and operation of a new Class II landfill at the Abra Base Metals Mine to provide ongoing disposal capacity for mine-generated wastes.

The Abra Base Metals Mine has an existing mine landfill under Category 89, which was approved by DWER via Works Approval (W6379/2020/1) and subsequent registration (R2521/2021/1). This landfill was approved with a design capacity of 2,000 tonnes per annum (tpa) and its lifespan was estimated to be 5 years based on the anticipated rate of disposal. However, the rate of disposal has been higher than the approved design capacity volume.

The design capacity of the existing mine landfill is 15,000 m³, and it is estimated that 1,500 m³ remains. The average rate of disposal has thus been 8.83 m³ per day. The weight of the disposed material varies significantly, and is estimated to be between 0.5-1.5 tonnes per cubic meter (t/m³). Utilising the maximum expected t/m³, this equals disposal of approximately 3,795 tpa, which is almost double the original estimate. Note that, since waste is transported to the landfill using various methods (loader, skip bins, utes, trailers, trucks, etc.) by multiple contractors, exact disposal records have not been kept.

The new landfill facility will accept Class II waste types, including:

- Type 1 inert waste (~2,500 tpa),
- Type 2 inert waste (~750 tpa),
- Putrescible waste (~450 tpa),
- Recyclables (~1,000 tpa), and
- Contaminated solid waste meeting Class II acceptance criteria (~95 tpa).

The proposed landfill site will be situated adjacent and immediately to the east of the existing mine landfill site. Key infrastructure will include:

- Five (5) landfill trenches, each 5 m wide, 4 m deep and 150 m long.
 - Total trench volume = 15,000 m³.
- 0.5 m high earthen bunds to divert stormwater away from the trenches.
- Faunal egress ramps for each trench.
- Access tracks for vehicle movement.
- Signage and fencing, if required.
- Earthmoving equipment for trench excavation, waste compaction and cover placement.

The landfill trenches will be constructed from west to east, with one active trench excavated into the ground and operational at a time. Trenches will be progressively closed once filled, and operational control will be in line with the *Environmental Protection (Rural Landfill) Regulations 2002*.

Potential emission/discharge points include:

- Air – Negligible; minor dust is expected during trench excavation and compaction and will be managed through water suppression as needed.
- Water – Stormwater only, managed via earthen bunds and site grading to prevent runoff entry into waste cells.
 - The dry and arid climatic conditions of the area suggest that leachate generation is likely to be negligible.
- Due to the nature of the waste being disposed of and the surrounding receiving environment, no point source emissions to groundwater, surface water or atmosphere are expected.

Part 4: Proposed activities		
	Environmental commissioning activities (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance. Environmental commissioning is not proposed as a separate regulated phase for this landfill.	
	Time limited operations activities (if applicable): Different elements of the premises may require time limited operations to commence at different times. In these circumstances, please specify the infrastructure and/or equipment for which time limited operations authorisation is being applied for. If time limited operations are expected to differ from future licensed operations, specify how and why this would be the case. Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance. Time-limited operations are not proposed as a separate phase.	
	Operations activities (for a licence): The landfill will accept Class II type wastes for burial generated at the site consisting of the following: <ul style="list-style-type: none"> • Type 1 inert waste – Approximately 2,500 tpa consisting of pallets, strapping, cleaned ammonium nitrate bulk bags, concrete, rock bolts and steel support mesh that can't be recycled; • Type 2 inert waste – Approximately 750 tpa consisting of used tyres; • Putrescible waste – Approximately 405 tpa from food/kitchen waste, paper and cardboard; • Recyclable waste – Approximately 1,000 tpa consisting of timber, batteries, HDPE pipe and steel ; and • Contaminated solid waste – Approximately 95 tpa, consisting of bioremediated soil meeting Class II landfill acceptance criteria. A single trench will be operational at any one time, and material will be compacted and covered on a monthly basis. APML requests that the landfill be registered after construction is completed and Compliance Certificates issued to DWER. The landfill will be managed in accordance with the <i>Environmental Protection (Rural Landfill) Regulations 2002</i> .	
4.3	Estimated operating period of the project / premises (e.g. based on estimated infrastructure life):	5 years
4.4	Proposed date(s) for commencement of works (if applicable):	2025
4.5	Proposed date(s) for conclusion of works construction (if applicable): This date should coincide with the submission to DWER of an Environmental Compliance Report(s) and/or a Critical Containment Infrastructure Report(s) as required. Refer to the Guideline: Industry Regulation Guide to Licensing .	2030
4.6	Proposed date(s) for environmental commissioning of works (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing .	N/A
4.7	Proposed date/s for commencement of time limited operations under works approval (if applicable): Refer to the Guideline: Industry Regulation Guide to Licensing .	N/A
4.8	Maximum production or design capacity for each category applied for (based on infrastructure operating 24 hours a day, 7 days a week): Provide figures for all categories listed in Section 1.2.	Cat. 89 – Putrescible landfill site more than 20 but less than 5,000 tpa. Design capacity not applicable.

Part 4: Proposed activities				
		Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.		
4.9	Estimated / actual throughput for each category applied for: Provide figures for all categories listed in Section 1.2. Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.	Cat. 89 – Approximately 4,000 tpa.		
Attachments			N/A	Yes
4.10	Attachment 2: Premises map	Emission/discharge points are clearly labelled on the map/s required for Part 3.4 (Attachment 2).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.11	Attachment 3A: Environmental commissioning plan	<p>If applying to construct works or install equipment, and environmental commissioning of the works or equipment is planned, an environmental commissioning plan has been included in Attachment 3A.</p> <p>The environmental commissioning plan is expected to include, at minimum, identification of:</p> <ul style="list-style-type: none"> the sequence of commissioning activities to be undertaken, including details on whether they will be done in stages; a summary of the timeframes associated with the identified sequence of commissioning activities; the inputs and outputs that will be used in the commissioning process; the emissions and/or discharges expected to occur during commissioning; the emissions and/or discharges that will be monitored and/or confirmed to establish or test a steady-state operation (e.g. identifying emissions surrogates, etc.), including a detailed emissions monitoring program for the measurement of those emissions and/or discharges; the controls (including management actions) that will be put in place to address the expected emissions and/or discharges; any contingency plans for if emissions exceedances or unplanned emissions and/or discharges occur how any of the above would differ from standard operations once commissioning is complete. <p>Note that DWER will not include conditions on a granted instrument that authorise environmental commissioning activities where it is not satisfied that the risks associated with environmental commissioning can be adequately addressed.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.12	Attachment 3B: Proposed activities	Additional information relating to the proposed activities has been included in Attachment 3B (if required).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clearing activities				
4.13 to 4.19 are only required if the application includes clearing of native vegetation.				
4.13	Proposed clearing area (hectares and/or number of individual trees to be removed):	2.75 hectares		
4.14	Details of any relevant exemptions: Refer to DWER's A guide to the exemptions and regulations for clearing native vegetation .	<p>The proposed clearing is covered under Purpose Permit CPS 10170/1, granted on 10 August 2023, which authorises clearing of native vegetation for mining-related activities.</p> <p>The proposed landfill will be located within the boundary of this approved clearing area.</p>		

Part 4: Proposed activities				
4.15	Proposed method of clearing:	<p>Clearing will be undertaken using mechanical methods, including bulldozers and excavators to remove vegetation and strip topsoil.</p> <p>All cleared vegetation and topsoil will be stockpiled separately for potential use in future rehabilitation activities.</p>		
4.16	Period within which clearing is proposed to be undertaken: For example, May 2020 – June 2020.	August 2025 – November 2025		
4.17	Purpose of clearing:	The clearing is required to facilitate the construction of a new Class II landfill facility, including waste disposal trenches, stormwater bunds and access roads.		
Clearing activities – Attachments			N/A	Yes
4.18	Attachment 3C: Map of area proposed to be cleared You must provide: an aerial photograph or map of sufficient scale showing the proposed clearing area and prescribed premises boundary OR if you have the facilities, a suitable portable digital storage device of the area proposed to be cleared as an ESRI shapefile with the following properties: <ul style="list-style-type: none"> • Geometry type: Polygon Shape • Coordinate system: GDA 2020 (Geographic latitude / longitude) • Datum: 2020 1994 (Geocentric Datum of Australia 2020). 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4.19	Attachment 3D: Additional information for clearing assessment Additional information to assist in the assessment of the clearing proposal may be attached to this application (for example, reports on salinity, fauna or flora studies or other environmental reports conducted for the site).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)**INSTRUCTIONS:**

- Biodiversity surveys should be submitted through the IBSA Submissions Portal at ibsasubmissions.dwer.wa.gov.au
- Biodiversity surveys submitted to support this application must meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)*.
- Marine surveys submitted to support this application must meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)*.
- If these requirements are not met, DWER will decline to deal with the application.

Attachments			N/A	Yes
5.1	Biodiversity surveys Please provide the IBSA number(s) (or submission number(s) if IBSA number has not yet been issued) in the space provided. Note that a submission number is not confirmation of acceptance of a biodiversity survey and is not the same as an IBSA number. IBSA numbers are only issued once a survey has been accepted. Once an IBSA number is issued, please notify the department.	All biodiversity surveys submitted with this application meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA) . Submission number(s) IBSA number(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.2	Attachment 4: Marine surveys All marine surveys submitted with this application meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA) .		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 6: Other DWER approvals**INSTRUCTIONS:**

- If you have applied, or intend to apply, for other approvals within DWER that may be relevant to this application, you must provide relevant details.
- If you have referred, or intend to refer, your proposal to the Environmental Protection Authority (EPA), you must provide the requested details.

Pre-application scoping

6.1 Have you had any pre-application / pre-referral / scoping meetings with DWER regarding any planned applications?

☐ No

☒ Yes – provide details:

Discussed at meeting on 6/5/2025

Environmental impact assessment (Part IV of the EP Act)

6.2 Have you referred or do you intend to refer the proposal to the EPA?

Section 37B(1) of the EP Act defines a 'significant proposal' as "a proposal likely, if implemented, to have a significant effect on the environment".

If DWER considers that the proposal in this application is likely to constitute a 'significant proposal', DWER is required under s.38(5) of the EP Act to refer the proposal to the EPA for assessment under Part IV, if such a referral has not already been made.

If a relevant Ministerial Statement already exists, please provide the MS number in the space provided.

☐ Yes (referred) – reference (if known): []

☐ Yes – intend to refer (proposal is a 'significant proposal') ☐ Yes – intend to refer (proposal will require a s.45C amendment to the current Ministerial Statement): MS []

☐ No – a valid Ministerial Statement applies: MS []

☒ No – not a 'significant proposal'
Clearing of native vegetation (Part V Division 2 of the EP Act and Country Area Water Supply Act 1947)

6.3 Have you applied or do you intend to apply for a native vegetation clearing permit?

In accordance with the [Guideline: Industry Regulation Guide to Licensing](#) and [Procedure: Native vegetation clearing permits](#), where clearing of native vegetation:

- is exempt under Schedule 6 of the EP Act or the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (refer to [guide to the exemptions and regulations for clearing native vegetation](#))
- is being assessed by a relevant authority which would lead to an exemption under Schedule 6 of the EP Act, or
- has been referred under s.51DA of the EP Act and a determination made that a clearing permit is not required (refer to the [Guideline: Native vegetation clearing referrals](#)).

the clearing will not be reassessed by DWER or be subject to any additional controls by DWER.

If the proposed clearing action is to be assessed in accordance with, or under, an *Environment Protection and Biodiversity Conservation Act* (Cth) (EPBC Act) accredited process, such as the assessment bilateral agreement, the clearing permit application [Form Annex C7 – Assessment bilateral agreement](#) must be completed and attached to your clearing permit application.

☐ Yes – clearing application reference (if known): CPS []

☒ Yes – a valid EP Act clearing permit already applies: CPS [10170/01]

☐ No – this application includes clearing (please complete Sections 4.13 to 4.19 above)

☐ No – permit not required (no clearing of native vegetation)

☐ No – permit not required (clearing referral decision): CPS []

☐ No – an exemption applies (explain why):

Part 6: Other DWER approvals**6.4 Have you applied or do you intend to apply for a Country Area Water Supply Act 1947 licence?**

If a clearing exemption applies in a *Country Area Water Supply Act 1947* (CAWS Act) controlled catchment, or if compensation has previously been paid to retain the subject vegetation, a CAWS Act clearing licence is required.

If yes, contact the relevant DWER regional office for a Form 1 *Application for licence*.

[Map of CAWS Act controlled catchments](#)

☐ Yes – application reference (if known): []

☐ No – a valid licence applies: []

☒ No – licence not required

Water licences and permits (*Rights in Water and Irrigation Act 1914*)**6.5 Have you applied, or do you intend to apply for:**

1. a licence or amendment to a licence to take water (surface water or groundwater); or
2. a licence to construct wells (including bores and soaks); or
3. a permit or amendment to a permit to interfere with the bed and banks of a watercourse?

For further guidance on water licences and permits under the *Rights in Water and Irrigation Act 1914*, refer to the [Procedure: Water licences and permits](#).

☐ Yes – application reference (if known): []

☐ No – a valid licence / permit applies: []

☐ No – an exemption applies (explain why):

☒ No – licence / permit not required

Part 7: Other approvals and consultation**INSTRUCTIONS:**

- Please provide copies of all relevant documentation indicated below, including any conditions, exclusions, or expiry dates.
- “Major Project” means:
 - A State Development Project, where the lead agency is the Department of Jobs, Tourism, Science and Innovation (including projects to which a State Agreement applies); or
 - A Level 2 or 3 proposal, as defined in the Department of Premier and Cabinet’s [Lead Agency Framework](#).

	N/A	No	Yes
7.1 Is the proposal a Major Project?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.2 Is the proposal subject to a State Agreement Act?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, specify which Act:			
7.3 Has the proposal been allocated to a “Lead Agency” (as defined in the Lead Agency Framework)?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, specify Lead Agency contact details:			
7.4 Has the proposal been referred and/or assessed under the EPBC Act (Commonwealth)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, please specify referral, assessment and/or approval number:			
7.5 Has the proposal obtained all relevant planning approvals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If planning approval is necessary but has not been obtained, please provide details indicating why:			
If planning approval is not necessary, please provide details indicating why:			

Part 7: Other approvals and consultation				
7.6	For renewals or amendment applications, are the relevant planning approvals still valid (that is, not expired)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.7	Has the proposal obtained all other necessary statutory approvals (not including any other DWER approvals identified in Part 6 of this application)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If no, please provide details of approvals already obtained, outstanding approvals, and expected dates for obtaining these outstanding approvals:				
		N/A	No	Yes
7.8	Has consultation been undertaken with parties considered to have a direct interest in the proposal (that is, interested parties or persons who are considered to be directly affected by the proposal)? DWER will give consideration to submissions from interested parties or persons in accordance with the Guideline: Industry Regulation Guide to Licensing .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachments			N/A	Yes
7.9	Attachment 5: Other approvals and consultation documentation	Details of other approvals specified in Part 7 of this application, including copies of relevant decisions and any consultation undertaken with direct interest stakeholders have been provided and labelled Attachment 5.		<input checked="" type="checkbox"/> <input type="checkbox"/>

Part 8: Applicant history				
Note:				
<ul style="list-style-type: none"> DWER will undertake an internal due diligence of the applicant's fitness and competency based on DWER's compliance records and the responses to Part 8 of the form. If you wish to provide additional information for DWER to consider in making this assessment, you may provide that information as a separate attachment (see Part 11). 				
		N/A	No	Yes
8.1	If the applicant is an individual, has the applicant previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.2	If the applicant is a corporation, has any director of that corporation previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.3	If yes to 8.1 or 8.2 above, specify the name of company and/or licence or works approval number:			
8.4	If the applicant is an individual, has the applicant ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.5	If the applicant is a corporation, has any director of that corporation ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.6	If the applicant is a corporation, has any person concerned in the management of the corporation, as referred to in s.118 of the EP Act, ever been convicted of, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.7	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 8: Applicant history				
8.8	With regards to the questions posed in 8.4 to 8.7 above, have any legal proceedings been commenced, whether convicted or not, against the applicant for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.9	Has the applicant had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.10	If the applicant is a corporation, has any director of that corporation ever had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.11	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has ever had a licence or other authorisation suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.12	If yes to any of 8.4 to 8.11 above, you must provide details of any charges, convictions, penalties paid for an offence, and/or licences or other authorisations suspended or revoked:			

Part 9: Emissions, discharges, and waste**INSTRUCTIONS:**

- Please see [Guideline: Risk Assessments](#) and provide all information relating to emission sources, pathways and receptors relevant to the application.
- You must provide details on sources of emissions (for example, kiln stack, baghouses or discharge pipelines) including fugitive emissions (for example, noise, dust or odour), types of emissions (physical, chemical, or biological), and volumes, concentrations and durations of emissions.
- The potential for emissions should be considered for all stages of the proposal (where relevant), including during construction, commissioning and operation of the premises.

		No	Yes										
9.1	Are there potential emissions or discharges arising from the proposed activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
If yes, identify all potential emissions and discharges arising from the proposed activities and complete Table 9.1: Emissions and discharges (below).													
<table border="0"> <tbody> <tr> <td><input type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)</td> <td><input checked="" type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)</td> </tr> <tr> <td><input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)</td> <td><input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations)</td> <td><input checked="" type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)</td> <td><input type="checkbox"/> Electromagnetic radiation¹</td> </tr> <tr> <td><input type="checkbox"/> Other (please specify): [</td> <td>]</td> </tr> </tbody> </table>				<input type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)	<input checked="" type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)	<input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)	<input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)	<input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations)	<input checked="" type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)	<input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)	<input type="checkbox"/> Electromagnetic radiation ¹	<input type="checkbox"/> Other (please specify): []
<input type="checkbox"/> Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)	<input checked="" type="checkbox"/> Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)												
<input type="checkbox"/> Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)	<input checked="" type="checkbox"/> Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)												
<input checked="" type="checkbox"/> Noise (e.g. from machinery operations and/or vehicle operations)	<input checked="" type="checkbox"/> Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)												
<input checked="" type="checkbox"/> Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)	<input type="checkbox"/> Electromagnetic radiation ¹												
<input type="checkbox"/> Other (please specify): []												
¹ Note that for electromagnetic radiation, copies/details of other relevant approvals (such as from the Department of Mines, Industry Regulation and Safety or the Radiological Council) must be provided where applicable.													

Part 9: Emissions, discharges, and waste

Details of any pollution control equipment or waste treatment system, including any control mechanisms used to ensure proper operation of this equipment, must be included in the proposed controls column of the 'Emissions and discharges table' below. Details of management measures employed to control emissions should also be included. Please provide / attach any relevant documents (e.g. management plans, etc.). Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.3).

Table 9.1: Emissions and discharges

	Source of emission or discharge	Emission or discharge type	Volume and frequency	Proposed controls (include in Attachment 6A if extensive or complex)	Location (on site layout plan – see 3.4)
1.	Earthmoving activities and vehicle movements on unsealed access roads	Noise Dust	-	Not required – no receptors present	-
2.	Disposal of Class II waste into a trench	Odour	Minor volumes Occasionally	Not required – no receptors present and will be covered by other inert wastes on a regular basis	-
3.	Heavy rainfall leading to water getting into contact with waste	Leachate	Minor volumes Rarely	Not required – very low likelihood	-
4.	Disposal of Class II waste into a trench	Windblown waste	Minor volumes Infrequently	Any windblown wastes will be collected monthly and returned to the Landfill for burial. Wastes will be covered monthly to reduce windblown waste. Wastes are disposed into a below-ground trench which reduces the exposure of the wastes to the wind. The earthen bunds around the trench perimeter will assist in diverting the wind.	"Proposed New Landfill" in Attachment 2
5.	Overland flow	Contaminated stormwater	Minor volumes Infrequently	A 0.5 m high earthen stormwater bund around the perimeter of each trench. <i>Note that, the limited volumes of putrescible and contaminated waste, combined with the area's low rainfall and high evaporation rate, result in a low risk of contaminated stormwater generation.</i>	"Proposed New Landfill" in Attachment 2

9.2 Waste-related activities at the premises?

Answer "yes" or "no" for the following questions and complete Table 9.2 (below).

	No	Yes
(a) Is waste accepted at the premises?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(b) Is waste produced on the premises?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 9: Emissions, discharges, and waste

(c)	Is waste processed on the premises?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d)	Is waste stored on the premises?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(e)	Is waste buried on the premises?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(f)	Is waste recycled on the premises?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(g)	Is any of the waste listed in Table 9.2 (below) also considered a 'dangerous good' for the purposes of the Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007? ³	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Specify, if yes:		

² Copies / details of any other relevant approvals (e.g. from the Department of Health) must be provided where applicable.

³ Wastes derived from the storage, handling, and use of dangerous goods may be considered hazardous and may need to be handled with the same precautions. Please refer to the Department of Mines, Industry Regulation and Safety's [Dangerous Goods Safety information sheet](#) for more information.

Solid waste types must be described with reference to *Landfill Waste Classification and Waste Definitions 1996* (as amended from time to time) and the Environmental Protection (Controlled Waste) Regulations 2004 (Controlled Waste Regulations).

Liquid waste types must be described with reference to the Controlled Waste Regulations.

For further guidance on the definition of waste, refer to [Fact Sheet: Assessing whether material is waste](#).

Detail must be provided on storage type (for example, hardstand and containment infrastructure), capacity, likely storage volumes, and containment features (for example, lining and bunding).

Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.4).

Table 9.2 Waste types

	Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)
1.	Type I Inert Waste	2,000 tpa	Landfill trenches	Routine visual inspections for contamination	See Attachment 2
2.	Type II Inert Waste	500 tpa	Landfill trenches		
3.	Putrescible Waste	405 tpa	Landfill trenches	Odour checks, vermin inspection	
4.	Recyclables	1,000 tpa	Sent to recycler.	Routine visual inspections for prohibited waste	
5.	Contaminated Solid Waste	95 tpa	Landfill trenches	Acceptance screening against criteria, verification sampling and analysis if needed	

Attachments			N/A	Yes
9.3	Attachment 6A: Emissions and discharges (if required)	If required, further information for Section 9.1 has been included as an attachment labelled Attachment 6A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.4	Attachment 6B: Waste acceptance (if required)	If required, further information for Section 9.2 has been included as an attachment labelled Attachment 6B.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 10: Siting and location**10.1 Sensitive land uses**

What is/are the distance(s) to the nearest sensitive land use(s)?
A sensitive land use is a residence or other land use which may be affected by an emission or discharge associated with the proposed activities.

There are no nearby sensitive residential premises.

10.2 Nearby environmentally sensitive receptors and aspects

Identify in Table 10.2 (below):

- all instances of environmentally sensitive receptors that are known or suspected to be present within, or within close proximity to, the proposed prescribed premises boundary;
- the nature of the sensitive receptors (e.g. type of Threatened Ecological Community, species or threatened flora or fauna, etc.);
- their actual or approximate known distance and direction from the premises boundary (at the closest point/s); and
- if applicable, what measures have been or will be taken to ensure that sensitive receptors are not adversely impacted by any emissions or discharges from the premises.

Refer to the [Guideline: Environmental siting](#) for further guidance.

Table 10.2: Nearby environmentally sensitive receptors and aspects

Type / classification	Description	Distance + direction to premises boundary	Proposed controls to prevent or mitigate adverse impacts (if applicable)
Environmentally Sensitive Areas ¹	Collier Range National Park (Protected Area - Terrestrial)	~9 km east	Not needed – it is unlikely that this project will impact the area
Threatened Ecological Communities	-None		
Threatened and/or priority fauna	-None		
Threatened and/or priority flora	-None		
Aboriginal and other heritage sites ²	Cultural Heritage Site – scattered artefacts (ID GAL 18-01)	~2 km north	
Public drinking water source areas ³	N/A	-	-
Rivers, lakes, oceans, and other bodies of surface water, etc.	No nearby major watercourses or water bodies. The nearest surface water is 5 Mile Creek which is an ephemeral creek. It remains dry for long periods of time and only flows during heavy rainfall events.	~2.5 km east	
Acid sulfate soils (ASS)	Class 4 ASS – Low potential for ASS	On the premises	Not needed – There is low potential for ASS at the surface (< 3 m depth), with possible occurrence at greater depths. As trench excavation will only extend to 4 m, the risk is considered low, and no specific ASS management measures are needed.
Other			

¹ Environmentally Sensitive Areas are as declared under the *Environmental Protection (Environmentally Sensitive) Notice 2005*. Refer to DWER's website ("[Environmentally Sensitive Areas](#)") for further information.

² Refer to the [Department of Planning, Lands and Heritage website](#) for further information about Aboriginal heritage and other heritage sites.

Part 10: Siting and location

³ Refer to [Water Quality Protection Note No.25: Land use compatibility tables for public drinking water source areas](#) for further information.

10.3 Environmental siting context details

Provide further information including details on topography, climate, geology, soil type, hydrology, and hydrogeology at the premises.

Topography

The site is situated within the Edmund Basin, characterized by a gently undulating terrain. The area features low-relief landscapes with subtle variations in elevation, typical of the arid interior regions of Western Australia. This topography supports the development of underground mining operations and associated infrastructure.

Climate and Rainfall

The region experiences a hot semi-arid to hot desert climate, with climatic conditions influenced by infrequent summer rainfall events and mild winter temperatures. Average daily maximum temperatures range from 19.1°C in winter to 38.3°C in summer. The area receives an average annual rainfall of 239.1 mm, predominantly between January and July. Climatic data is sourced from the Bureau of Meteorology station at Meekatharra, located approximately 200 km south of the premises.

Geology

The Abra deposit is located within the Palaeo- to Mesoproterozoic Bangemall Supergroup, part of the Capricorn Orogen (Boddington, 1990; Pirajno et al., 2016). Mineralization occurs in sedimentary rocks, including dolostone, siltstone and sandstone, which have undergone multiple phases of hydrothermal alteration.

Key geological features include:

- **Stratiform and breccia-hosted mineralization:** The deposit exhibits both stratiform lead-silver mineralization and breccia-hosted polymetallic zones, indicating a complex mineralizing system.
- **Multi-phase hydrothermal activity:** The area has experienced several overprinting hydrothermal events, leading to the deposition of barite, sulfide minerals and later-stage chalcidonic veining.
- **Structural controls:** The mineralization is influenced by regional structures, including faults and folds, which have created pathways for mineralizing fluids.

Soil Types

Surface soils across the premises are generally characterised as fine sandy silt with scattered gravel and stone fragments. Soil depth varies across the site, ranging from exposed duricrust (no soil cover) to areas with soils up to one metre deep. However, the typical soil thickness across the premises is approximately 300 mm.

Hydrology

The site is situated in the upper tributary zone of the Ashburton River, with the Gascoyne River catchment located to the south. Several ephemeral creeks traverse the area, including two major drainage lines: Grave Creek to the east and Five Mile Creek to the west. These creeks are typically dry and flow only following rainfall. There are no environmentally sensitive receptors nearby. The nearest receptor is Nichol Springs, a registered cultural heritage site and permanent water pool located approximately 20 km downstream. It is not expected to be impacted by the discharge, as it lies south of the confluence of Grave Creek and Ethel River.

Hydrogeology

A groundwater assessment conducted by Rockwater in 2018 reported groundwater depths at the premises ranging from 16 to 54 metres below ground level (mbgl). Based on available GIS data from the WIN Groundwater Sites database, there are no registered groundwater bores within a 4 km radius of the site. Groundwater in the area is of good quality, with total dissolved solids (TDS) levels between 400 and 460 mg/L, making it suitable for livestock, potable, or industrial use. However, due to the significant separation distance, groundwater is not considered a relevant receptor for the proposed activity.

Attachments		N/A	Yes
10.4	Attachment 7: Siting and location You must provide details and a map describing the siting and location of the premises, including identification of distances to sensitive land uses and/or any specified ecosystems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 11: Submission of any other relevant information				
Attachments			No	Yes
11.1	Attachment 8: Additional information submitted	<p>Applicants seeking to submit further information may include information labelled Attachment 8. If submitting multiple additional attachments, label them 8A, 8B, etc.</p> <p>Where additional documentation is submitted, please specify the name of documents below.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
List title of additional document(s) attached:				

Part 12: Category checklist(s)				
Attachments			N/A	Yes
12.1	Attachment 9: Category checklist(s)	<p>DWER has developed category checklists to assist applicants with preparing their application. These checklists are available on DWER's website. The relevant category-specific checklist(s) must be completed and included with the application, labelled as Attachment 9. If attaching multiple category checklists, label them 9A, 9B, etc. Do not select "N/A" unless:</p> <ul style="list-style-type: none"> a relevant category checklist is not yet published on DWER's website, or the application is for an amendment that does not propose changes to the method of operation, or change the inputs, outputs, infrastructure, equipment, emissions, or discharges of / from the premises. <p>Note that that a category checklist(s) may still be required for renewal applications. You will be advised in your renewal notification letter (sent approximately twelve months before the licence expiry date) if you are required to provide the information identified in a category checklist.</p> <p>Where a category checklist is submitted, please specify which checklist(s) in the space below.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
List title(s) of category checklists attached:				

Part 13: Proposed fee calculation**INSTRUCTIONS:**

Different fee units apply for different fee components. Fee units may also have different amounts depending on the period in which the calculation is made.

Once DWER has confirmed that the application submitted meets the relevant requirements of the EP Act, you will be issued an invoice with instructions for paying your application fee.

Further information on fees can be found in the [Fact Sheet: Industry Regulation fees](#), and on [DWER's website](#).

13.1	Only the relevant fee calculations are to be completed as follows: <i>[mark the box to indicate section s completed]</i>	<input checked="" type="checkbox"/> Section 13.3 for works approval applications <input type="checkbox"/> Section 13.4 for licence / renewal applications <input type="checkbox"/> Section 13.5 for registration applications <input type="checkbox"/> Section 13.6 for amendment applications <input type="checkbox"/> Section 13.7 for applications requiring clearing of native vegetation
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13.2	All information and data used for the calculation of proposed fees has been provided in accordance with Section 13.8.	<input checked="" type="checkbox"/>
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13.3 Proposed works approval fee

Proposed works approval fee (see Schedule 3 of the EP Regulations)

Fees relate to the cost of the works, including all capital costs (inclusive of GST) associated with the construction and establishment of the works proposed under the works approval application. This includes, for example, costs associated with earth works, hard stands, drainage, plant hire, equipment, processing plant, relocation of equipment and labour hire.

Costs exclude:

- the cost of land
- the cost of buildings to be used for purposes unrelated to the purposes in respect of which the premises are, or will become, prescribed premises
- costs for buildings unrelated to the prescribed premises activity or activities
- consultancy fees relating to the works.

Fee component	Proposed fee
Cost of works: \$ 305,487	

13.4 Proposed licence fee (new licences and licence renewals)		
Detailed licence fee calculations		
<p>Part 1 Premises component (see r.5D and Part 1 of Schedule 4 of the EP Regulations)</p> <p>The production or design capacity should be the maximum capacity of the premises. For most categories, the production or design capacity refers to an annual rate. The figure should be based on 24 hour operation for 365 days, unless there is another regulatory approval or technical reason that restricts operation.</p> <p>The premises component fee applies to the category in Part 1, Schedule 4 incurring the higher or highest amount of fee units in accordance with r.5D(2) of the EP Regulations.</p> <p>List all categories (insert additional rows as required). Use only the higher or highest amount of fee units to determine the Part 1 fee component.</p>		
Category	Production or design capacity	Fee units
Using the higher or highest amount of fee units, Part 1 component subtotal		\$
<p>Part 2 Waste (see r.5D(1a)(b) and Part 2 of Schedule 4 of the EP Regulations)</p> <p>If your premises includes one or more of the following categories specify any applicable Part 2 waste amounts. Do not include Part 3 waste components of these discharges in the below calculations.</p> <p>Categories: 5, 6, 7, 8, 9, 12, 14, 44, 46, 53, 54A, 70, 80, or 85B</p> <p>Part 2 waste means waste consisting of –</p> <ul style="list-style-type: none"> (a) tailings; or (b) bitterns; or (c) water to allow mining of ore; or (d) flyash; or (e) waste water from a desalination plant. <p>If the premises does not fall into one of the categories listed above, or there are no applicable Part 2 waste amounts, the sub total for this section will be \$0.</p> <p>Insert additional rows as required. Sum all Part 2 waste fees to determine the sub total.</p>		
Discharge quantity (tonnes/year)	Fee units	
Part 2 component subtotal		\$
<p>Part 3 Waste – Discharges to air, onto land, into waters (see Part 3 of Schedule 4 of the EP Regulations)</p> <p>Choose the appropriate location of the discharge and enter the discharge amount(s) in the units specified in the EP Regulations. This should be the amount of waste expected to be discharged over the next 12 months, expressed in the units and averaging period applicable for that waste kind (for example, g/minute or kg/day). Amounts can be measured, calculated, or estimated and can be based on data acquired over the previous 12 months, but should be based on the maximum premises capacity and not the forecast operating hours.</p> <p>Where there are discharges, all prescribed waste types must be considered in the fee calculation. If a specified waste type is not present in the discharge, this must be justified using an appropriate emission estimation technique (for example, sampling data, industry sector guidance notes, National Pollution Inventory guides and emission factors).</p>		

Discharges to air			
Discharges to air	Discharge rate (g/min)	Discharges to air	Discharge rate (g/min)
Carbon monoxide		Nickel	
Oxides of nitrogen		Vanadium	
Sulphur oxides		Zinc	
Particulates (Total PM)		Vinyl chloride	
Volatile organic compounds		Hydrogen sulphide	
Inorganic fluoride		Benzene	
Pesticides		Carbon oxysulphide	
Aluminium		Carbon disulphide	
Arsenic		Acrylates	
Chromium		Beryllium	
Cobalt		Cadmium	
Copper		Mercury	
Lead		TDI (toluene-2, 4-di-iso-cyanate)	
Manganese		MDI (diphenyl-methane di-iso-cyanate)	
Molybdenum		Other waste	
Part 3 component subtotal		\$	
Discharges onto land or into waters			Discharge rate
1. Liquid waste that can potentially deprive receiving waters of oxygen (for each kilogram discharged per day) —	(a) biochemical oxygen demand (in the absence of chemical oxygen demand limit)		
	(b) chemical oxygen demand (in the absence of total organic carbon limit)		
	(c) total organic carbon		
2. Bio-stimulants (for each kilogram discharged per day) —	(a) phosphorus		
	(b) total nitrogen		
3. Liquid waste that physically alters the characteristics of naturally occurring waters —	(a) total suspended solids (for each kilogram discharged per day)		
	(b) surfactants (for each kilogram discharged per day)		
	(c) colour alteration (for each platinum cobalt unit of colour above the ambient colour of the waters in each megalitre discharged per day)		
	(d) temperature alteration (for each 1°C above the ambient temperature of the waters in each megalitre discharged per day) — (i) in the sea south of the Tropic of Capricorn (ii) in other waters		

4. Waste that can potentially accumulate in the environment or living tissue (for each kilogram discharged per day) —	(a) aluminium	
	(b) arsenic	
	(c) cadmium	
	(d) chromium	
	(e) cobalt	
	(f) copper	
	(g) lead	
	(h) mercury	
	(i) molybdenum	
	(j) nickel	
	(k) vanadium	
	(l) zinc	
	(m) pesticides	
	(n) fish tainting wastes	
	(o) manganese	
5. <i>E. coli</i> bacteria as indicator species (in each megalitre discharged per day) —	(a) 1,000 to 5,000 organisms per 100 ml	
	(b) 5,000 to 20,000 organisms per 100 ml	
	(c) more than 20,000 organisms per 100 ml	
6. Other waste (per kilogram discharged per day) —	(a) oil and grease	
	(b) total dissolved solids	
	(c) fluoride	
	(d) iron	
	(e) total residual chlorine	
	(f) other	
Part 3 component subtotal		\$
Summary – Proposed licence fee		
Part 1 Component		
Part 2 Component		
Part 3 Component		
Total proposed licence fees:		\$
13.5 Prescribed fee for registration		
A fee of 24 units applies for an application for registration of premises, unless the occupier of the premises holds a licence in respect of the premises, in accordance with r.5B(2)(c) of the EP Regulations.		<input checked="" type="checkbox"/> (Tick to acknowledge)

13.6 Amendment fee (works approval or licence)	
<p>The fee prescribed for an application for an amendment to a works approval or licence is calculated in accordance with r.5BB(1)(a) of the EP Regulations:</p> <ul style="list-style-type: none"> for a single category of prescribed premises to which the works approval or licence relates, by using the fee unit number corresponding to the prescribed premises category and relevant design capacity threshold in Schedule 4 Part 1 of the EP Regulations. for multiple categories of prescribed premises to which the works approval or licence relates, by using the highest fee unit number corresponding to the prescribed premises categories and design capacity threshold in Schedule 4 Part 1 of the EP Regulations. 	
Fee Units	Proposed fee
	\$
13.7 Prescribed fee for clearing permit	
<p>In accordance with the Guideline: Industry Regulation Guide to Licensing and Procedure: Native vegetation clearing permits, where approval to clear native vegetation is sought as part of an application for a works approval or licence, DWER may elect to either jointly or separately determine the clearing component of the application. Where DWER separately determines the clearing component of an application, the application will be deemed to be an application for a clearing permit under s.51E of the EP Act and processed accordingly.</p> <p>Note: If a clearing permit application has been separately submitted and accepted by DWER, a refund for the clearing permit application will not be provided where DWER determines to address clearing requirements as part of a related works approval application.</p>	<input type="checkbox"/> (Tick to acknowledge)
13.8 Information and data used to calculate proposed fees	
<p>The detailed calculations of fee components, including all information and data used for the calculations are to be provided as attachments to this application, labelled as Attachment 10, with an appropriate suffix (for example 10A, 10B etc.). Please specify the relevant attachment number in the space/s provided below.</p>	
Proposed fee for works approval	Attachment No.
Details for cost of works	10A
Proposed fee for licence	Attachment No.
Part 1: Premises	
Part 2: Waste types	10A
Part 3: Discharges to air, onto land, into waters	

Part 14: Commercially sensitive or confidential information

NOTE:

Information submitted as part of this application will be made publicly available. If you wish to submit commercially sensitive or confidential information, please identify the information in Attachment 11, and include a written statement of reasons why you request each item of information be kept confidential.

Information submitted later in the application process may also be made publicly available at DWER's discretion. For any commercially sensitive or confidential information, please follow the same process as described above.

DWER will take reasonable steps to protect genuinely confidential or commercially sensitive information. However, please note that DWER cannot commit to redacting all personal information from all supporting documents. You are advised to ensure that all personal information, including signatures, are removed from supporting documents prior to submitting them to the department. Please note that all submitted information may be the subject of an application for release under the *Freedom of Information Act 1992*.

All information which you would propose to be exempt from public disclosure has been separately placed in a redacted version of the application form and its supporting documentation. Note that this is in addition to the unredacted version(s) provided to DWER for its assessment. Grounds for claiming exemption in accordance with Schedule 1 to the *Freedom of Information Act 1992* must be specified in Attachment 11 (located at the end of this form).

Attached

N/A



Part 15: Submission of application**INSTRUCTIONS:**

Check one of the boxes below to nominate how you will submit your application.

Files larger than 50MB cannot be received via email by DWER. Files larger than 50MB can be sent via File Transfer. Alternatively, email DWER to make other arrangements.

A full, signed, electronic copy of the application form including all attachments has been submitted via email to info@dwer.wa.gov.au:



OR

A signed, electronic copy of the application form has been submitted via email to info@dwer.wa.gov.au and attachments have been submitted via File Transfer, or electronically by other means as arranged with DWER;



OR

A full, signed hard copy has been sent to:

APPLICATION SUBMISSIONS
Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC WA 6919



Part 16: Declaration and signature**General**

I / We confirm and acknowledge that:

- the information contained in this application is true and correct;
- I / we have legal authority to sign on behalf of the applicant (where authorisation provided);
- I / we have not altered the requirements and instructions set out in this application form;
- I / we have provided a valid email address in Section 2.3 for receipt of correspondence electronically via email from DWER in relation to this application;
- that successful delivery to my / our server constitutes receipt of correspondence sent electronically via email from DWER in relation to this application; and
- I / we have provided a valid postal and/or business address in Section 2.4 for the service of all Part V documents.
- giving or causing to be given information that to my knowledge is false or misleading is an offence under s.112 of the EP Act and may incur a penalty of up to \$100,000.

Publication

I / We confirm and acknowledge:

- this application (including all attachments apart from the sections identified in Attachment 11) is a public document and may be published;
- marine surveys provided in accordance with Part 5 will be published and used, for the purposes of the IMSA project, in accordance with your declaration made in the *Metadata and Licensing Statement*;
- all necessary consents for the publication of information have been obtained from third parties;
- information considered exempt from public disclosure has been noted by redaction of a separately provided copy of the completed application form and its supporting documentation (in accordance with Part 14), with reasons as to why the information should be exempt in accordance with the grounds specified in Schedule 1 to the *Freedom of Information Act 1992* (WA) being provided in Attachment 11;
- subsequent information provided in relation to this application will be a public document and may be published unless written notice has been given to DWER by the applicant, at the time the information is provided, claiming that the information is considered exempt from public disclosure; and
- the decision to not publish information will be at the discretion of the CEO of DWER and will be made in accordance with the *Freedom of Information Act 1992* (WA).

27 / 05 / 2025

Date

Signature

Date

Name

Position

NOTE: This form may be signed:

- if the applicant is an individual, by the individual;
- if the applicant is a corporation, by:
 - the common seal being affixed in accordance with the *Corporations Act 2001* (Cth); or
 - two directors; or
 - a director and a company secretary; or
 - if a proprietary company has a sole director who is also the sole company secretary, by that director; and
- by a person with legal authority to sign on behalf of the applicant.

ATTACHMENT 11 – Confidential or commercially sensitive information

Request for exemption from publication			
Information which you consider should not be published, on the grounds of a relevant exemption found in Schedule 1 to the <i>Freedom of Information Act 1992</i> (WA), must be specified in this Attachment. Add additional rows as required.			
NOT FOR PUBLICATION IF GROUNDS FOR EXEMPTION ARE DETERMINED TO BE ACCEPTABLE			
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
<div style="border: 1px solid black; height: 100px; margin-bottom: 10px;"></div> <div> <div style="border-bottom: 1px solid black; width: 250px; display: inline-block;"></div> Full Name </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> <div style="border-bottom: 1px solid black; width: 250px; display: inline-block;"></div> Signature </div> <div> <div style="border-bottom: 1px solid black; width: 200px; display: inline-block;"></div> Date </div> </div>			