



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	<p>This is an application for: <i>[Select one option only. Your application may be returned if multiple options are selected.]</i></p> <p>under Part V, Division 3 of the EP Act.</p> <p>Please see the:</p> <ul style="list-style-type: none"> • Guideline: Industry Regulation Guide to Licensing • Procedure: Prescribed premises works approvals and licences <p>for more information to assist in understanding DWER's regulatory regime for prescribed premises.</p>	<p><input type="checkbox"/> Works approval</p> <p><input type="checkbox"/> Licence Existing registration number(s): [] Existing works approval number(s): []</p> <p><input checked="" type="checkbox"/> Renewal Existing licence number: [L4504/1981/17]</p> <p><input type="checkbox"/> Amendment Number of the existing licence or works approval to be amended: []</p> <p><input type="checkbox"/> Registration (works approval already obtained) Existing works approval number(s): []</p>
1.2	<p>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.</p>	<p>N/A</p> <p><input type="checkbox"/></p>
1.3	<p>This application is for the following categories of prescribed premises: <i>(specify all prescribed premises category numbers)</i></p>	<p>Category: 5, 46, 52, 53, 54, 63, 67, 89</p> <p><input checked="" type="checkbox"/> 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).</p>

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:			
<ul style="list-style-type: none"> 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.	South32 Worsley Alumina Pty Ltd	
	ACN (if applicable):	[REDACTED]	
2.2	Trading as (if applicable):	South32 Worsley Alumina	
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.	Name	[REDACTED]
		Position	[REDACTED]
		Telephone	[REDACTED]
		Email	[REDACTED]
		<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>	
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.	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	
2.5	Postal address for all other correspondence: If different from Section 2.4.	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	

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.	Name	██████████	
		Position	████████████████████	
		Organisation	South32 Worsley Alumina	
		Address	██████████ ██████ ██████████	
		Telephone	██████████████	
		Email	████████████████████	
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 checked="" type="checkbox"/>	
		Lease holder (please specify, including date of expiry of lease).	<input checked="" type="checkbox"/>	
		Refinery Lease Agreement - Crown Lease I150306. (Previously Crown Lease 26/1981 and Special Lease J3116/7574/1. Relating to Lot 5314 on Deposited Plan 220209 (LR3080/471))		
		Bauxite Residual Disposal Areas (BRDA) or Red Mud Crown Lease Currently referred to as Crown Lease I154246 (Previously referred to as Crown Lease 83/1982 and Special Lease 3116/8072. Relating to the following Crown Land Titles: <ul style="list-style-type: none"> • LR3080/472 Lot 5315 on Deposited Plan 220209 - Previously Wellington Location 5315 • LR3080/473 Lot 5316 on Deposited Plan 220209 - Previously Wellington Location 5316 • LR3080/474 Lot 5317 on Deposited Plan 220209 - Previously Wellington Location 5317 The lease expires on the day on which the term of the Mineral Lease or any renewal thereof terminates or is determined but determinable as herein-after provided (see page 2 of Lease agreement - Attachment 1A)		
		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"/>

Part 2: Applicant details				
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"/>

Part 3: Premises details			
3.1	<p>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.</p>	<p>The premises is the Worsley Alumina Refinery operated by South32 Worsley Alumina Pty Ltd at the Worsley Alumina Refinery, located approximately 21 km north-west of Collie. Worsley Alumina's mining, processing and associated operations are authorised under the <i>Alumina Refinery (Worsley) Agreement Act 1973</i> (the Agreement Act) and Ministerial Statement 719 (as amended), issued under Part IV of the EP Act.</p> <p>Tenure relevant to this application is Refinery Lease Agreement - Crown Lease I150306.</p> <p>Lot 5314 on Deposited Plan 220209 (LR3080/471)</p> <p>Bauxite Residual Disposal Areas (BRDA) or Red Mud Crown Lease</p> <p>Currently referred to as Crown Lease I154246</p> <p>Relating to the following Crown Land Titles:</p> <ul style="list-style-type: none"> • LR3080/472 Lot 5315 on Deposited Plan 220209 - Previously Wellington Location 5315 • LR3080/473 Lot 5316 on Deposited Plan 220209 - Previously Wellington Location 5316 • LR3080/474 Lot 5317 on Deposited Plan 220209 - Previously Wellington Location 5317 	
	<p>Premises street address Include the suburb.</p>	<p>Gastaldo Road Allanson WA 6225</p>	
	<p>Premises name (if applicable):</p>	<p>Worsley Alumina Refinery</p>	
3.2	<p>Local Government Authority area: City, Town, or Shire.</p>	<p>Shire of Collie Shire of Harvey</p>	
3.3	<p>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.</p>	<p>see Attachment 3B, Section 2.2</p>	
Attachments		N/A	Yes
3.4	<p>Attachment 2: Premises map(s)</p> <p>You must provide as an attachment to this application form, labelled Attachment 2, either:</p> <ol style="list-style-type: none"> 1. an aerial photograph, map, and site plan of sufficient scale showing the proposed prescribed premises boundary <p>or</p> <ol style="list-style-type: none"> 2. 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). 	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 3: Premises details		
	<p>You must also provide a map or maps of the prescribed premises, clearly identifying and labelling:</p> <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). <p>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.</p>	

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.	Bauxite residue drying areas (BRDAs)	5, 53	Fig 2B, Attach. 2	<input checked="" type="checkbox"/>	N/A
2.	Class I inert landfill site	63		<input checked="" type="checkbox"/>	N/A
3.	Putrescible landfill site	89		<input checked="" type="checkbox"/>	N/A
4.	Bauxite refining infrastructure: Processing Area, Solar evaporation ponds (SEP), Pipe head dams (PHD), Refinery catchment lake (RCL), Freshwater lake (FWL)	46			N/A
5.	Power plants (FAC 110, 112, 113)	52, 67	Fig 2E, Attach 2		N/A
6.	Sewage facility (FAC 173)	54			N/A

Part 4: Proposed activities											
4.2	<p>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:</p> <ul style="list-style-type: none"> • 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). <p>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).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #f2f2f2;">Construction activities (if applicable):</td> </tr> <tr> <td>N/A</td> </tr> <tr> <td style="background-color: #f2f2f2;">Environmental commissioning activities (if applicable):</td> </tr> <tr> <td>Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance.</td> </tr> <tr> <td>N/A</td> </tr> <tr> <td style="background-color: #f2f2f2;">Time limited operations activities (if applicable):</td> </tr> <tr> <td> 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. </td> </tr> <tr> <td>N/A</td> </tr> <tr> <td style="background-color: #f2f2f2;">Operations activities (for a licence):</td> </tr> <tr> <td>Refer to Attachment 3B.</td> </tr> </table>	Construction activities (if applicable):	N/A	Environmental commissioning activities (if applicable):	Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance.	N/A	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.	N/A	Operations activities (for a licence):	Refer to Attachment 3B.
Construction activities (if applicable):											
N/A											
Environmental commissioning activities (if applicable):											
Refer to the Guideline: Industry Regulation Guide to Licensing for further guidance.											
N/A											
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.											
N/A											
Operations activities (for a licence):											
Refer to Attachment 3B.											
4.3	<p>Estimated operating period of the project / premises (e.g. based on estimated infrastructure life):</p> <p>More than 50 years</p>										
4.4	<p>Proposed date(s) for commencement of works (if applicable):</p> <p>N/A</p>										
4.5	<p>Proposed date(s) for conclusion of works construction (if applicable):</p> <p>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.</p> <p>N/A</p>										
4.6	<p>Proposed date(s) for environmental commissioning of works (if applicable):</p> <p>Refer to the Guideline: Industry Regulation Guide to Licensing.</p> <p>N/A</p>										
4.7	<p>Proposed date/s for commencement of time limited operations under works approval (if applicable):</p> <p>Refer to the Guideline: Industry Regulation Guide to Licensing.</p> <p>N/A</p>										
4.8	<p>Maximum production or design capacity for each category applied for (based on infrastructure operating 24 hours a day, 7 days a week):</p> <p>Provide figures for all categories listed in Section 1.2.</p> <p>Refer to Table 2-2, Attachment 3B</p>										

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.	Refer to Table 2-2, Attachment 3B		
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 type="checkbox"/>	<input checked="" 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):	N/A		
4.14	Details of any relevant exemptions: Refer to DWER's A guide to the exemptions and regulations for clearing native vegetation .	N/A		
4.15	Proposed method of clearing:	N/A		
4.16	Period within which clearing is proposed to be undertaken: For example, May 2020 – June 2020.	N/A		
4.17	Purpose of clearing:			

Part 4: Proposed activities				
	Not Applicable			
Clearing activities – Attachments			N/A	Yes
4.18	Attachment 3C: Map of area proposed to be cleared	<p>You must provide:</p> <p>an aerial photograph or map of sufficient scale showing the proposed clearing area and prescribed premises boundary</p> <p>OR</p> <p>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:</p> <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 checked="" type="checkbox"/>	<input 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:				
<ul style="list-style-type: none"> • 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 <i>Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)</i>. • Marine surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)</i>. • If these requirements are not met, DWER will decline to deal with the application. 				
Attachments			N/A	Yes
5.1	Biodiversity surveys	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) .	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	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.	Submission number(s)		
		IBSA number(s)		
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:	
<ul style="list-style-type: none"> 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	
<p>6.1 Have you had any pre-application / pre-referral / scoping meetings with DWER regarding any planned applications?</p>	<p><input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes – provide details:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>A pre-application scoping meeting with DWER was held on the 6/12/2023.</p> <p>A pre-submission meeting was held with DWER on 22/04/2024.</p> </div>
Environmental impact assessment (Part IV of the EP Act)	
<p>6.2 Have you referred or do you intend to refer the proposal to the EPA?</p> <p>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".</p> <p>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.</p> <p>If a relevant Ministerial Statement already exists, please provide the MS number in the space provided.</p>	<p><input type="checkbox"/> Yes (referred) – reference (if known): []</p> <p><input type="checkbox"/> Yes – intend to refer (proposal is a 'significant proposal') <input type="checkbox"/> Yes – intend to refer (proposal will require a s.45C amendment to the current Ministerial Statement): MS []</p> <p><input checked="" type="checkbox"/> No – a valid Ministerial Statement applies: MS 719</p> <p><input type="checkbox"/> No – not a 'significant proposal'</p>
Clearing of native vegetation (Part V Division 2 of the EP Act and Country Area Water Supply Act 1947)	
<p>6.3 Have you applied or do you intend to apply for a native vegetation clearing permit?</p> <p>In accordance with the Guideline: Industry Regulation Guide to Licensing and Procedure: Native vegetation clearing permits, where clearing of native vegetation:</p> <ul style="list-style-type: none"> is exempt under Schedule 6 of the EP Act or the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (refer to a 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), <p>the clearing will not be reassessed by DWER or be subject to any additional controls by DWER.</p> <p>If the proposed clearing action is to be assessed in accordance with, or under, an <i>Environment Protection and Biodiversity Conservation Act</i> (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.</p>	<p><input type="checkbox"/> Yes – clearing application reference (if known): CPS []</p> <p><input type="checkbox"/> Yes – a valid EP Act clearing permit already applies: CPS []</p> <p><input type="checkbox"/> No – this application includes clearing (please complete Sections 4.13 to 4.19 above)</p> <p><input type="checkbox"/> No – permit not required (no clearing of native vegetation)</p> <p><input type="checkbox"/> No – permit not required (clearing referral decision): CPS []</p> <p><input checked="" type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Any Native Vegetation clearing will be undertaken in accordance with MS719 or the assessment currently being progressed (EPA Assessment #2216) and EPBC Act (EPBC Ref 2019/8437) should it be approved</p> </div>

Part 6: Other DWER approvals	
<p>6.4 Have you applied or do you intend to apply for a <i>Country Area Water Supply Act 1947</i> licence?</p> <p>If a clearing exemption applies in a <i>Country Area Water Supply Act 1947</i> (CAWS Act) controlled catchment, or if compensation has previously been paid to retain the subject vegetation, a CAWS Act clearing licence is required.</p> <p>If yes, contact the relevant DWER regional office for a Form 1 <i>Application for licence</i>.</p> <p>Map of CAWS Act controlled catchments</p>	<p><input type="checkbox"/> Yes – application reference (if known): []</p> <p><input type="checkbox"/> No – a valid licence applies: []</p> <p><input checked="" type="checkbox"/> No – licence not required</p>
Water licences and permits (<i>Rights in Water and Irrigation Act 1914</i>)	
<p>6.5 Have you applied, or do you intend to apply for:</p> <ol style="list-style-type: none"> 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? <p>For further guidance on water licences and permits under the <i>Rights in Water and Irrigation Act 1914</i>, refer to the Procedure: Water licences and permits.</p>	<p><input type="checkbox"/> Yes –application reference (if known): []</p> <p><input type="checkbox"/> No – a valid licence / permit applies: []</p> <p><input type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p><input checked="" type="checkbox"/> No – licence / permit not required</p>

Part 7: Other approvals and consultation				
INSTRUCTIONS:				
<ul style="list-style-type: none"> • Please provide copies of all relevant documentation indicated below, including any conditions, exclusions, or expiry dates. • “Major Project” means: <ul style="list-style-type: none"> ➢ 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 type="checkbox"/>	<input checked="" type="checkbox"/>	
	If yes, specify which Act:	<i>Alumina Refinery (Worsley) Agreement Act 1973</i>		
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 type="checkbox"/>	<input checked="" type="checkbox"/>
	If yes, please specify referral, assessment and/or approval number:	Existing EPBC Act approval number (2004/1566) – this is the EPBC act approval that we obtained at the same time as MS719. However, there is a new EPBC Act assessment currently in progress for the Worsley Mine Expansion – Revised Proposal (EPBC ref. 2019/8437).		
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:	Not required due to the <i>Alumina Refinery (Worsley) Agreement Act 1973</i>		

Part 7: Other approvals and consultation					
If planning approval is not necessary, please provide details indicating why:					
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If no, please provide details of approvals already obtained, outstanding approvals, and expected dates for obtaining these outstanding approvals:					
The Worsley Mine Expansion proposal is currently being assessed under the EPBC Act (EPBC Ref. 2019/8437) and the EP Act (EP Ref. 2216) that includes a proposal for a change in the authorised extent for native vegetation being cleared within the Refinery Lease Area (RLA).					
		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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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:			
South32 Worsley Alumina Pty Ltd L4504/1981/17				
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

Part 8: Applicant history				
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"/>
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:		
<ul style="list-style-type: none"> 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).		

Part 9: Emissions, discharges, and waste	
<input checked="" 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 checked="" 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): []
<p>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.</p>	

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.	Bauxite residue	Slurry	18.5 dry Mt/year	See Attachment 6A	BRDAs, see Fig 2B, Attach 2.
2.	Fly ash	Slurry	102,000 t/year	See Attachment 6A	BRDAs, see Fig 2B, Attach 2
3.	Oxalate	Slurry	Approx. 90,000 t/year	See Attachment 6A	SEPs, see Fig 2B, Attach 2.
4.	Wastewater treatment Plant	Wastewater	270 m ³ /d	Treated wastewater is recycled to the RCL for re-use in processing.	RCL, see Fig 2B, Attach 2.
5.	Power Plants	Point-source air emissions of Sulphur dioxide (SO ₂)	Up to 13,370 t/year	See Attachment 6A	FAC 110 & FAC 112, see Fig 1-1 & 1-2, Attach 6A
6.	Power Plants, Liquor burner and calciners	Point-source air emissions of Nitrogen oxides (NO _x)	Up to 6,890 t/year	See Attachment 6A	FAC 044, 050, 110, 112, 113, see Fig 1-1 & 1-2, Attach 6A
7.	Power Plants, Liquor burner and calciners	Point-source air emissions of Particulates	Up to 520 y/year	See Attachment 6A	FAC 044, 050, 110, 112, see Fig 1-1 & 1-2, Attach 6A
8.	Power Plants, Liquor burner and calciners	Point-source air emissions of Carbon monoxide (CO)	1,350 t/year	See Attachment 6A	FAC 030, 044, 050, 110, 112, see Fig 1-1 & 1-2, Attach 6A
9.	From all air emission sources (as above)	Point-source air emissions of Total volatile organic compounds (VOCs)	Up to 300 t/year	See Attachment 6A	FAC 030, 044, 050, 110, 111, 112, 113, see Fig 1-1 & 1-2, Attach 6A
10.	Bauxite grinding, bauxite and coal handling and stockpiles, rail loading, SEPs and BRDAs.	Fugitive air emissions of particulates	Unknown	See Attachment 6A	See Fig 2B, Attach 2.
11.	Noise from Refinery operations	Noise emissions	<35 dB(A)	See Attachment 6A	See Fig 1-7, Attach 6A
12.	Power Plants, Liquor burner and calciners	Insignificant emissions (see Part 3 Waste – Discharges to Air below)	114,542	See Attachment 6A	FAC 110, 112, 113,

Part 9: Emissions, discharges, and waste

9.2 Waste-related activities at the premises²		No	Yes
Answer "yes" or "no" for the following questions and complete Table 9.2 (below).			
(a)	Is waste accepted at the premises?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b)	Is waste produced on the premises?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(c)	Is waste processed on the premises?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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"/>

Part 9: Emissions, discharges, and waste																																														
	Specify, if yes:	<p>Sodium Aluminate: A waste product from the Liquor Burner kiln and is considered both Hazardous and Dangerous. This material is buried within the oxalate disposal area in a dedicated SEP.</p> <p>Sodium Oxalate: Forms part of the Liquor Purification Process (LPP) cake which is considered hazardous and is buried wet in the SEP's to avoid becoming an inhalation risk. Oxalate (Na_2CO_4) is an impurity that comes into the Refinery with the bauxite.</p> <p>Fly Ash: Although fly ash is considered hazardous, it is mixed in with the bauxite residue slurry to prevent it from becoming a dust inhalation issue. It is disposed of in the BRDA as slurry.</p> <p>A full list of waste types produced on the premises and their management is provided in the Refinery's Waste Management Plan (Attachment 8D) and Waste Disposal Area Management Plan (Attachment 8E).</p>																																												
<p>² Copies / details of any other relevant approvals (e.g. from the Department of Health) must be provided where applicable.</p> <p>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.</p> <p>Solid waste types must be described with reference to <i>Landfill Waste Classification and Waste Definitions 1996</i> (as amended from time to time) and the Environmental Protection (Controlled Waste) Regulations 2004 (Controlled Waste Regulations).</p> <p>Liquid waste types must be described with reference to the Controlled Waste Regulations.</p> <p>For further guidance on the definition of waste, refer to Fact Sheet: Assessing whether material is waste.</p>																																														
<p>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).</p> <p>Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.4).</p> <p>Table 9.2 Waste types</p> <table border="1"> <thead> <tr> <th></th> <th>Waste type</th> <th>Quantity (e.g. tonnes, litres, cubic metres)</th> <th>Waste activity infrastructure (including specifications)</th> <th>Monitoring (if applicable)</th> <th>Location (on site layout plan – see 3.4)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Bauxite processing residue</td> <td>18.5 dry Mt/year</td> <td>Bauxite residue drying areas (BRDAs) - lined</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2.</td> </tr> <tr> <td>2.</td> <td>Fly ash</td> <td>102,000 t/year</td> <td>Bauxite residue drying areas (BRDAs) – lined</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2.</td> </tr> <tr> <td>3.</td> <td>Oxalate</td> <td>Up to 105,000 t/year (forecast up to FY2031)</td> <td>Solar evapotranspiration ponds (SEPs) – lined</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2.</td> </tr> <tr> <td>4.</td> <td>Inert waste</td> <td>47,000 m³/year</td> <td>Class I Landfill (BRDA3) – lined</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2.</td> </tr> <tr> <td>5.</td> <td>Putrescible waste</td> <td>500 t/year</td> <td>Landfill (BRDA 3) – lined</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2</td> </tr> <tr> <td>6.</td> <td>Treated wastewater</td> <td>270 m³/day</td> <td>Refinery catchment lake (RCL)</td> <td>N/A</td> <td>Refer to Fig 2B, Attach 2.</td> </tr> </tbody> </table>						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.	Bauxite processing residue	18.5 dry Mt/year	Bauxite residue drying areas (BRDAs) - lined	N/A	Refer to Fig 2B, Attach 2.	2.	Fly ash	102,000 t/year	Bauxite residue drying areas (BRDAs) – lined	N/A	Refer to Fig 2B, Attach 2.	3.	Oxalate	Up to 105,000 t/year (forecast up to FY2031)	Solar evapotranspiration ponds (SEPs) – lined	N/A	Refer to Fig 2B, Attach 2.	4.	Inert waste	47,000 m ³ /year	Class I Landfill (BRDA3) – lined	N/A	Refer to Fig 2B, Attach 2.	5.	Putrescible waste	500 t/year	Landfill (BRDA 3) – lined	N/A	Refer to Fig 2B, Attach 2	6.	Treated wastewater	270 m ³ /day	Refinery catchment lake (RCL)	N/A	Refer to Fig 2B, Attach 2.
	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.	Bauxite processing residue	18.5 dry Mt/year	Bauxite residue drying areas (BRDAs) - lined	N/A	Refer to Fig 2B, Attach 2.																																									
2.	Fly ash	102,000 t/year	Bauxite residue drying areas (BRDAs) – lined	N/A	Refer to Fig 2B, Attach 2.																																									
3.	Oxalate	Up to 105,000 t/year (forecast up to FY2031)	Solar evapotranspiration ponds (SEPs) – lined	N/A	Refer to Fig 2B, Attach 2.																																									
4.	Inert waste	47,000 m ³ /year	Class I Landfill (BRDA3) – lined	N/A	Refer to Fig 2B, Attach 2.																																									
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6.	Treated wastewater	270 m ³ /day	Refinery catchment lake (RCL)	N/A	Refer to Fig 2B, Attach 2.																																									
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 type="checkbox"/>	<input checked="" 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.

The closest sensitive receptors (residential premises) are located at more than 4.5 km from the Refinery premises (see Fig 2G, Attachment 2).

The town of Allanson is located at least 9 km from the Refinery (see Fig 2G, Attachment 2).

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	Refer to Attachment 6A		Refer to the Worsley Mine Expansion Environmental Review Document (www.epa.wa.gov.au/proposals/worsley-mine-expansion-revised-proposal)
Threatened Ecological Communities	Refer to Attachment 6A		
Threatened and/or priority fauna	Refer to Attachment 6A		
Threatened and/or priority flora	Refer to Attachment 6A		
Aboriginal and other heritage sites ²	Refer to Attachment 6A		
Public drinking water source areas ³	Refer to Attachment 6A		
Rivers, lakes, oceans, and other bodies of surface water, etc.	Refer to Attachment 6A		
Acid sulfate soils	Refer to Fig 2I, Attachment 2. Identified high risk acid sulphate soils are located within the non-operational BRDA 1 facility (capped and closed), the freshwater lake (FWL) and refinery catchment lake (RCL) (refer to Fig 2B, Attachment 2).	Three identified areas within the RLA.	Not considered necessary as these areas will not be disturbed.
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.

Part 10: Siting and location				
<p>² Refer to the Department of Planning, Lands and Heritage website for further information about Aboriginal heritage and other heritage sites.</p> <p>³ Refer to Water Quality Protection Note No.25: Land use compatibility tables for public drinking water source areas for further information.</p>				
10.3	Environmental siting context details	Provide further information including details on topography, climate, geology, soil type, hydrology, and hydrogeology at the premises.		
Refer to Section 6, Attachment 3B.				
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	Applicants seeking to submit further information may include information labelled Attachment 8. If submitting multiple additional attachments, label them 8A, 8B, etc. Where additional documentation is submitted, please specify the name of documents below.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
List title of additional document(s) attached:		Attachment 8A – Operational Overview Attachment 8B – Water Management Plan Attachment 8C – Air Quality and Dust Management Plan – RLA Attachment 8D – Waste Management Plan Attachment 8E – Waste Disposal Area Management Plan Attachment 8F – Air Quality Impact Assessment (to be provided)		

Part 12: Category checklist(s)				
Attachments			N/A	Yes
12.1	Attachment 9: Category checklist(s)	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: <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 type="checkbox"/>	<input checked="" type="checkbox"/>

Part 12: Category checklist(s)	
List title(s) of category checklists attached:	IR-F27 Application form annex: Category checklist (solid waste landfills)

Part 13: Proposed fee calculation						
INSTRUCTIONS:						
Please calculate the prescribed fee using the relevant online fee calculator linked below.						
<ul style="list-style-type: none"> • Licence: www.der.wa.gov.au/LicenceFeeCalculator • Works approval: www.der.wa.gov.au/WorksApprovalFeeCalculator • Amendment: https://www.wa.gov.au/government/publications/works-approval-and-licence-amendment-fee-calculator 						
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	<p>Only the relevant fee calculations are to be completed as follows: <i>[mark the box to indicate sections completed]</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Section 13.3 for works approval applications</td> </tr> <tr> <td style="border: none;"><input checked="" type="checkbox"/> Section 13.4 for licence / renewal applications</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Section 13.5 for registration applications</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Section 13.6 for amendment applications</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Section 13.7 for applications requiring clearing of native vegetation</td> </tr> </table>	<input type="checkbox"/> Section 13.3 for works approval applications	<input checked="" 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
<input type="checkbox"/> Section 13.3 for works approval applications						
<input checked="" 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						
13.2	<p>All information and data used for the calculation of proposed fees has been provided in accordance with Section 13.8. <input checked="" type="checkbox"/></p>					
13.3	<p>Proposed works approval fee</p> <p>Proposed works approval fee (see Schedule 3 of the EP Regulations)</p> <p>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.</p> <p>Costs exclude:</p> <ul style="list-style-type: none"> - 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: \$	\$					

13.4 Proposed licence fee (new licences and licence renewals)		
Detailed licence fee calculations		
Part 1 Premises component (see r.5D and Part 1 of Schedule 4 of the EP Regulations)		
<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
5	18.5 dry mt/year	■
46	4.7 mt/year	■
52	232 MW	■
53	102,000 t/year	■
54	270 m ³ /day	■
63	N/A	■
89	N/A	■
Using the higher or highest amount of fee units, Part 1 component subtotal		■
Part 2 Waste (see r.5D(1a)(b) and Part 2 of Schedule 4 of the EP Regulations)		
<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
Category 5 - Bauxite residue – 18,500,000 dry mt/year		■
Category 46 – Oxalate discharge – up to 105,000 t/year (forecast FY31)		■
Category 53 – Fly ash – 102,000 t/year		■
Part 2 component subtotal		■
Part 3 Waste – Discharges to air, onto land, into waters (see Part 3 of Schedule 4 of the EP Regulations)		
<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			
These values are based on the previous 12 month emissions - sourced from NPI reporting and MS719			
Discharges to air	Discharge rate (g/min)	Discharges to air	Discharge rate (g/min)
Carbon monoxide	2,568	Nickel	0.61
Oxides of nitrogen	13,109	Vanadium	
Sulphur oxides	25,438	Zinc	3.7
Particulates (Total PM)	989	Vinyl chloride	
Volatile organic compounds	571	Hydrogen sulphide	
Inorganic fluoride	200	Benzene	10.1
Pesticides		Carbon oxysulphide	
Aluminium		Carbon disulphide	
Arsenic	0.15	Acrylates	
Chromium (III & IV)	0.13	Beryllium	0.03
Cobalt	0.04	Cadmium	0.04
Copper	0.14	Mercury	1.77
Lead	0.29	TDI (toluene-2,4-di-iso-cyanate)	
Manganese	1.28	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 checked="" 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		
Proposed fee for licence	Attachment No.	
Part 1: Premises	10	
Part 2: Waste types	10	
Part 3: Discharges to air, onto land, into waters	10	
Part 14: Commercially sensitive or confidential information		
<p>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 <i>Freedom of Information Act 1992</i>.</p>		
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 <i>Freedom of Information Act 1992</i> must be specified in Attachment 11 (located at the end of this form).	Attached <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

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 consistently with the provisions of the *Freedom of Information Act 1992 (WA)*.

	29/04/2024 <hr style="border: 0; border-top: 1px solid black;"/> Date
Name VP Planning <hr style="border: 0; border-top: 1px solid black;"/> Position	
	29/4/2024 <hr style="border: 0; border-top: 1px solid black;"/> Date
Name Company Secretary <hr style="border: 0; border-top: 1px solid black;"/> 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:	
<p>Pine Pienaar</p> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <p>Full Name</p> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px; display: inline-block; width: 25%; vertical-align: middle;"/> Date			
Signature		Date	