



## Environmental Protection Authority

EPA Referral Form

### Form for the referral of a proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*

Referrer information			
Who is referring this proposal?		<input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
Name Soolim Carney		Signature	
Position	Regional Environment Manager - Australia	Organisation	Alcoa of Australia Limited
Email	soo.carney@alcoa.com		
Address	181-205	Davy Street	
	Booragoon	WA	6154
Date	05/06/2020		
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? <i>Provide confidential information in a separate attachment.</i>		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>Referral declaration for organisations, proponents and decision-making authorities:</b> I, Soolim Carney, declare that I am authorised to refer this proposal on behalf of Alcoa of Australia Ltd and further declare that the information contained in this form is true and not misleading.			
Part A: Proponent and proposal description			
Proponent information			
Name of the proponent/s (including Trading Name if relevant)		Alcoa of Australia Limited	
Australian Company Number(s) <input type="checkbox"/>		93 004 879 298	
OR Australian Business Number(s) <input checked="" type="checkbox"/>			
Contact for the proposal (if different from the referrer) <i>Please include: name, physical address, phone, and email.</i>		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

<p>Does the proponent have the legal access required for the implementation of all aspects of the proposal?  <i>If yes, provide details of legal access authorisations / agreements / tenure.</i>  <i>If no, what authorisations / agreements / tenure is required and from whom?</i></p>	<p>✓ Yes <input type="checkbox"/> No</p> <p>The Huntly Mine lies within Alcoa’s mineral lease ML1SA granted under the <i>Alumina Refinery Agreement Act 1961</i> and is predominantly State Forest. The Pinjarra Alumina Refinery lies on freehold land owned by Alcoa.</p> <p>Refer to supporting document for land tenure details.</p>
<p><b>Proposal type</b></p>	
<p><b>What type of proposal is being referred?</b>  For a change to an approved proposal please state the Ministerial Statement number/s (MS No./s) of the approved proposal</p> <p>For a derived proposal please state the Ministerial Statement number (MS No.) of the associated strategic proposal</p>	<p><input type="checkbox"/> significant – new proposal  <input checked="" type="checkbox"/> significant – change to approved proposal (MS No./s: 646)  <input type="checkbox"/> proposal under an assessed planning scheme  <input type="checkbox"/> strategic  <input type="checkbox"/> derived (Strategic MS No.: _____)</p>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> <li>Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?</li> </ul>	<p>Please refer to attached supporting document.</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> <li>Scheme name and number</li> </ul> <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> <li>What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?</li> <li>How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?</li> </ul>	<p>N/A</p>
<p><b>Proposal description</b></p>	
<p>Title of the proposal</p>	<p>Pinjarra Alumina Refinery Revised Proposal</p>
<p>Name of the Local Government Authority in which the proposal is located.</p>	<p>The Huntly Mine is located in the Shire of Serpentine-Jarrahdale and the Shire of Wandering.</p> <p>Future mining areas will be located in the Shire of Murray and the Shire of Boddington.</p> <p>The Pinjarra Alumina Refinery is located within the Shire of Murray.</p>
<p>Location:</p> <p>a) street address, lot number, suburb, and nearest road intersection; or</p> <p>b) if remote the nearest town and distance and direction from that town to the proposal site.</p>	<p>The proposed Myara North portion of the Development Envelope is located approximately 0.5 km to the east of Jarrahdale townsite. The Development Envelope is bounded by Jarrahdale Road to the north, Serpentine National Park to the west, Serpentine Reservoir and river to the</p>

	<p>south, and Monadnocks Conservation Park to the east.</p> <p>The Huntly Mine is also proposed to be moved into the Holyoake region. The proposed Holyoake portion of the Development Envelope is located approximately 5 km east of Dwellingup townsite and is bounded by Lane Poole Reserve to the south west, and South Dandalup Reservoir to the north-west.</p> <p>The Pinjarra Alumina Refinery is located off South West Highway on Alcoa Road, approximately 6 km east of the Pinjarra townsite.</p>
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	<p>Please refer to Section 2.3. in the attached supporting document.</p>
<p>Have you provided electronic spatial data, maps and figure in the appropriate format?</p> <p><i>Refer to instructions at the front of the form</i></p>	<p>✓ Yes <input type="checkbox"/> No</p> <p>Please refer to attached spatial files.</p>
<p>What is the current land use on the property, and the extent (area in hectares) of the property?</p>	<p>The Pinjarra Alumina Refinery Development Envelope comprises cleared land used for refinery operations and areas of Alcoa revegetation to establish native vegetation corridors. The surrounding land comprises mainly rural land cleared prior to the construction of the refinery.</p> <p>The mining Development Envelope predominantly comprises State Forest with smaller areas of rural land uses and road reserves.</p>
<p>Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.</p>	<p>Yes, Alcoa has held pre-referral discussions with the EPA Services on 28 April 2020 and 8 May 2020. EPA Services contacts were Robert Hughes and Garry Ogston.</p>
<p><b>Part B: Environmental impacts</b></p>	
<p><b>Environmental factors</b></p>	
<p>What are the likely significant environmental factors for this proposal?</p>	<p><input type="checkbox"/> Benthic Communities and Habitat</p> <p><input type="checkbox"/> Coastal Processes</p> <p><input type="checkbox"/> Marine Environmental Quality</p> <p><input type="checkbox"/> Marine Fauna</p> <p>✓ Flora and Vegetation</p> <p><input type="checkbox"/> Landforms</p> <p><input type="checkbox"/> Subterranean Fauna</p> <p><input type="checkbox"/> Terrestrial Environmental Quality</p> <p>✓ Terrestrial Fauna</p> <p>✓ Inland Waters</p> <p>✓ Air Quality</p>

	<input checked="" type="checkbox"/> Greenhouse Gas Emissions <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
<p><i>For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report</i></p>	
<b>Potential environmental impacts</b>	
1	<b>EPA Factor</b> Please refer to the attached supporting document.
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor? Please refer to the attached supporting document.
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts Please refer to the attached supporting document.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor. Please refer to the attached supporting document.
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment Please refer to the attached supporting document.
6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts. Please refer to the attached supporting document.
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective. Please refer to the attached supporting document.
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions. Please refer to the attached supporting document.

## Part C: Other approvals and regulation

### State and Local Government approvals

Is rezoning of any land required before the proposal can be implemented?

Yes

No

If yes, please provide details.

If this proposal has been referred by a decision-making authority, what approval(s) are required from you?

N/A

Please identify other approvals required for the proposal:

Proposal activities e.g. clearing, dewatering, mining, processing, dredging	Land tenure/access e.g. Crown land, Mining lease, specify legislation for access if relevant	Type of approval e.g. Native Vegetation Clearing Permit, licence, mining proposal,	Legislation regulating the activity e.g. <i>EP Act 1986 – Part V, RiWI Act 1914, Mining Act 1979</i>
Increase in refinery production	Alcoa freehold tenure	Works Approval and Licence	Part V EP Act 1986
Increase in refinery production	Alcoa freehold tenure	Ministerial approval of proposed modification or expansion of production capacity	<i>Alumina Refinery Agreement Act 1961</i>
Water abstraction for mining (surface water)	ML1SA mining lease, State Forest	Section 5C Licence to Take Water	RIWI Act 1914
Disturbance to bed and banks of a watercourse or wetland	ML1SA mining lease, State Forest	Permit to disturb bed and banks of a watercourse or wetland	RIWI Act 1914
Disturbance of an Aboriginal heritage site (if un-avoidable)	ML1SA mining lease, State Forest	Section 18 Consent	<i>Aboriginal Heritage Act 1972</i>
Impacts to Matters of National Environmental Significance	ML1SA mining lease, State Forest	Approval to develop Proposal	EPBC Act 1999
Export of bauxite	ML1SA mining lease, State Forest	Export of bauxite outside the State	<i>Alumina Refinery Agreement Act 1961</i>

### Commonwealth Government approvals

Does the proposal involve an action that may be or is a controlled action under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)?

Yes

No

Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?

Yes

No

Proposal to be referred to Commonwealth subsequent to WA EPA referral

Date: \_\_\_\_\_

EPBC No.: \_\_\_\_\_

If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes', check the appropriate box and provide the decision in an attachment.

Yes

No

N/A

## Part C: Other approvals and regulation

### State and Local Government approvals

	<input type="checkbox"/> Decision – controlled action <input type="checkbox"/> Decision – not a controlled action
If the proposal is determined to be a controlled action, do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?	<input checked="" type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No <input type="checkbox"/> Yes - Accredited
Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Approval: