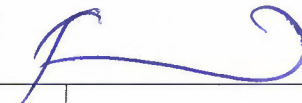




Environmental Protection Authority

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 Chris Serginson		Signature 	
Position	Manager Environment, Analysis and Improvement	Organisation	BHP Billiton Iron Ore Pty Ltd
Email	chris.serginson@bhp.com		
Address	125	St Georges Tce	
	Perth	WA	6000
Date	29 August 2019		
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	
Referral declaration for organisations, proponents and decision-making authorities: I, Chris Serginson, declare that I am authorised to refer this proposal on behalf of BHP Billiton Iron Ore 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)		BHP Billiton Iron Ore	
Australian Company Number(s) <input type="checkbox"/>		ABN: 46 008 700 981	
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	
Does the proponent have the legal access required for the implementation of all aspects of the proposal?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<p><i>If yes, provide details of legal access authorisations / agreements / tenure.</i></p> <p><i>If no, what authorisations / agreements / tenure is required and from whom?</i></p>	<p>Refer to Section 1.4 (Table 1) of the Environmental Review Document (ERD) for details of existing legal access, the new tenure and conversion of tenure that is required.</p>
<p>Proposal type</p>	
<p>What type of proposal is being referred?</p> <p>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</p> <p><input checked="" type="checkbox"/> significant – change to approved proposal (MS No./s: 683, 809 and 857 [as amended by 1029])</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p> <p><input type="checkbox"/> strategic</p> <p><input type="checkbox"/> derived (Strategic MS No.: _____)</p>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA? 	<p>The Jimblebar Optimisation Project seeks additional clearing of approximately 2,000 hectares (ha), predominantly for the construction of overburden storage areas and for new surplus water management options (managed aquifer recharge and creek discharge).</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> Scheme name and number <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme? How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme? 	<p>N/A</p>
<p>Proposal description</p>	
<p>Title of the proposal</p>	<p>Jimblebar Optimisation Project</p>
<p>Name of the Local Government Authority in which the proposal is located.</p>	<p>Shire of East Pilbara</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>40 kilometres east of the town of Newman</p>
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	<p>Refer to Sections 2.3.1 and 2.3.3 of the ERD</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><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

What is the current land use on the property, and the extent (area in hectares) of the property?	Existing mining operations and associated activities. The proposed Project will be located adjacent to and within the existing Jimblebar and Wheelarra Hill mining operations, collectively known as the Jimblebar Iron Ore Mine approved under Ministerial Statements 683, 809 and 857 [as amended by 1029]] within a 8,324 ha development envelope. The proposed new development envelope covers an area of 14,206 ha.
Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.	Yes. Pre-referral discussion has been undertaken with the EPA Services on 13 August 2019 (Chris Stanley and Peter Tapsell)

Part B: Environmental impacts

Environmental factors

What are the likely significant environmental factors for this proposal?	<input type="checkbox"/> Benthic Communities and Habitat <input type="checkbox"/> Coastal Processes <input type="checkbox"/> Marine Environmental Quality <input type="checkbox"/> Marine Fauna <input checked="" type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
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For **each** of the environmental factors identified above, complete the following table, or provide the information in a supplementary report

The information is provided in a supplementary report (Environmental Review Document (ERD))

Potential environmental impacts

1	EPA Factor	Preliminary key environmental factors relevant to this Proposal are: <ul style="list-style-type: none"> • Inland waters (refer to Section 5 of the ERD) • Flora and vegetation (refer to Section 6 of the ERD) • Terrestrial fauna (refer to Section 7 of the ERD)
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<ul style="list-style-type: none"> • Inland waters (refer to Section 5.2 of the ERD) • Flora and vegetation (refer to Section 6.2 of the ERD) • Terrestrial fauna (refer to Section 7.2 of the ERD)
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 3 of the ERD

4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	<ul style="list-style-type: none"> • Inland waters (refer to Section 5.3 of the ERD) • Flora and vegetation (refer to Section 6.3 of the ERD) • Terrestrial fauna (refer to Section 7.3 of the ERD)
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Refer to Section 2.3, Proposal description of the ERD
6	Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts.	<ul style="list-style-type: none"> • Inland waters (refer to Section 5.6 of the ERD) • Flora and vegetation (refer to Section 6.6 of the ERD) • Terrestrial fauna (refer to Section 7.6 of the ERD)
7	Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	<ul style="list-style-type: none"> • Inland waters (refer to Section 5.5 of the ERD) • Flora and vegetation (refer to Section 6.5 of the ERD) • Terrestrial fauna (refer to Section 7.5 of the ERD)
8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	<p>An impact assessment has been completed for the preliminary key environmental factors.</p> <p>The Project has been designed to avoid, minimise and rehabilitate potential impacts in accordance with the mitigation hierarchy.</p> <p>Where the unmitigated impact is potentially significant, BHP has proposed relevant mitigation measures, including relevant management plans and implementation conditions, where appropriate.</p> <p>After applying the mitigation hierarchy, where a significant residual impact remains that can be offset, BHP has applied offsets (e.g. for the clearing of native vegetation).</p>

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	Land tenure/access	Type of approval	Legislation regulating the activity
Clearing	Mining Lease, Mineral Lease, Miscellaneous Licence	Native Vegetation Clearing Permit	EP Act – Part V
Processing, surplus water management, waste management, bulk storage of chemicals	Mining Lease, Mineral Lease, Miscellaneous Licence	Works Approval and Licence	EP Act – Part V

Part C: Other approvals and regulation

State and Local Government approvals			
Groundwater abstraction, including for dewatering	Mining Lease, Mineral Lease, Miscellaneous Licence	5C Licence	RiWI Act
Disturbance of Aboriginal heritage sites	Mining Lease, Mineral Lease, Miscellaneous Licence	Section 18 consent	<i>Aboriginal Heritage Act 1972</i>
Development and operations	Mining Lease, Mineral Lease, Miscellaneous Licence	State Agreement	<i>Iron Ore (McCamey's Monster) Authorisation Agreement Act 1972</i> <i>Iron Ore (Mount Newman) Agreement Act 1964</i>
Ground disturbance, development within new tenure	Miscellaneous Licence	Mining Proposal	<i>Mining Act 1978</i>
Commonwealth Government approvals			
Does the proposal involve an action that may be or is a controlled action under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A BHP has a strategic approval (the Commonwealth Strategic Approval) under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act). The <i>BHP Billiton Iron Ore Pilbara Strategic Assessment Program</i> was endorsed by the Minister for the Environment and Energy on 11 May 2017 and an Approval Decision (with conditions) for taking actions in accordance with the Program was issued on 19 June 2017. All actions covered by the strategic approval must be taken in accordance with the endorsed Program. BHP administers a non-statutory validation decision process under Part C of the endorsed Program to decide whether an action will have an impact on Program Matters. Jimblebar is located within the Strategic Assessment Area, and therefore the Jimblebar Optimisation Project is covered by the Commonwealth strategic approval. BHP is currently preparing a Validation Notice for the Project. See Section 1.3.3 of the ERD for further detail.		
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Date: EPBC No.: N/A		
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Decision – controlled action <input type="checkbox"/> Decision – not a controlled action N/A		

Part C: Other approvals and regulation

State and Local Government approvals

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?

- Yes - Bilateral No - N/A
 Yes – Accredited
N/A

Is approval required from other Commonwealth Government/s for any part of the proposal?
If yes, describe.

- Yes No
Approval:
N/A