


Form

Referral of a proposal under s. 38 of the EP Act

PART A: PROPONENT AND REFERRER INFORMATION AND PROPOSAL DESCRIPTION			
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 (print) Chris Serginson		Signature 	
Position	Manager Environment	Organisation	BHP Iron Ore Pty Ltd
Email	chris.serginson@bhp.com	Phone	9609 3333
Address	125 St Georges Terrace		
	Perth	WA	6000
Date	28 October 2022		
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Does the referrer confirm that they consent to receive correspondence electronically?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Referral declaration for proponent and Authorised representative: I, Chris Serginson declare that I am authorised to refer this proposal on behalf of BHP Iron Ore Pty Ltd and further declare that the information contained in this form is true and not misleading. Date: 28 October 2022			
Proponent information			
Name of the proponent/s <i>Include Trading Name if relevant</i>		BHP Iron Ore Pty Ltd	
Australian Company Number(s) <input type="checkbox"/>	OR	ABN: 46 008 700 981	
Australian Business Number(s) <input checked="" type="checkbox"/>			
Pre-referral discussions			
Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)? <i>If so, provide name, date, and overview of discussions.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Pre-referral meeting with Dehlia Goundrey and Rachel Vukmirovic on 22 February 2022,	

	<p>providing overview of proposal, existing environmental values, predicted impacts and proposed management measures.</p> <p>Subsequent meeting with Kathryn Schell and Cassie Bell on 24 June 2022 to provide a proposal update including proposal overview, existing environmental values, predicted impacts, social surroundings engagements undertaken and proposed management measures.</p> <p>Follow up discussion with Kathryn Schell and Cassie Bell on 1 July 2022 in relation to predicted greenhouse gas emissions from the proposal.</p> <p>Site visit to OB32 BWT Development Envelope with EPA Chair, Professor Matthew Tonts, Kathryn Schell and Cassie Bell on 2 August 2022 to discuss the proposal, existing values, predicted impacts and social surroundings engagement.</p>
Proposal information	
Proposal name	Orebody 32 Below Water Table Mine (OB32 BWT Proposal)
What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)	<p>The OB32 BWT Proposal includes the following key activities and elements:</p> <ul style="list-style-type: none"> • groundwater abstraction for mine pit dewatering • BWT mining • construction and operation of a surplus water pipeline from OB32 to Ophthalmia Dam • discharge of surplus water to Ophthalmia Dam.
Have you provided electronic spatial data, maps, and figures in the appropriate format?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What type of proposal is being referred? <i>For significant amendment or derived proposal, provide the associated existing Ministerial statement number/s</i>	<input type="checkbox"/> significant proposal. <i>Choose which type of significant proposal</i> <input type="checkbox"/> new proposal <input type="checkbox"/> significant amendment (proposal only) <input type="checkbox"/> significant amendment (conditions only) <input type="checkbox"/> significant amendment (proposal and conditions) <input type="checkbox"/> strategic proposal <input checked="" type="checkbox"/> derived proposal MS1105 <input type="checkbox"/> proposals of a prescribed class <input type="checkbox"/> proposal under an assessed planning scheme

For a proposal under an assessed planning scheme, provide the scheme number and name	
Proposal content: Complete the corresponding template (Proposal Content Document) from the Instructions and template: How to identify the content of a proposal for the type of proposal identified above. The completed form must be submitted with the referral.	
Alternatives	BHP considered two potential pipeline alignment options and selected the option which affords the largest setback from existing essential buried services and known heritage sites.

PART B: ASSESSMENT OF 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 checked="" type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input type="checkbox"/> Greenhouse Gas Emissions <input checked="" 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

Potential environmental impacts – Inland Waters

1	EPA policy and guidance	To maintain the hydrological regimes and quality of groundwater and surface water so that environmental values are protected
2	Receiving environment	
3	Likely environmental impacts	
4	Application of the mitigation hierarchy	
5	Assessment and significance of residual impacts	
6	Likely environmental outcomes	

Potential environmental impacts – Flora and vegetation

1	EPA policy and guidance	To protect flora and vegetation so that biological diversity and ecological integrity are maintained
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2	Receiving environment	See attached OB32 BWT Derived Proposal document
3	Likely environmental impacts	
4	Application of the mitigation hierarchy	
5	Assessment and significance of residual impacts	
6	Likely environmental outcomes	
Potential environmental impacts – Subterranean fauna		
1	EPA policy and guidance	To protect subterranean fauna so that biological diversity and ecological integrity are maintained
2	Receiving environment	See attached OB32 BWT Derived Proposal document
3	Likely environmental impacts	
4	Application of the mitigation hierarchy	
5	Assessment and significance of residual impacts	
6	Likely environmental outcomes	
Potential environmental impacts – Social surroundings		
1	EPA policy and guidance	To protect social surroundings from significant harm
2	Receiving environment	See attached OB32 BWT Derived Proposal document and endorsed Social Cultural Heritage Management Plan (CONFIDENTIAL).
3	Likely environmental impacts	
4	Application of the mitigation hierarchy	
5	Assessment and significance of residual impacts	
6	Likely environmental outcomes	
Holistic impact assessment		
See attached OB32 BWT Derived Proposal document		
Cumulative environmental impact assessment		
See attached OB32 BWT Derived Proposal document		
Consultation		
See attached OB32 BWT Derived Proposal document		
Supporting documents		
See attached: <ul style="list-style-type: none"> Newman Hub (Orebody 32 Below Water Table) Derived Proposal Request Ministerial Statement 1105 (OB32 BWT Derived Proposal document) and supporting appendices 		
Has the referrer provided survey information according to the Instructions and Form: IBSA Data Packages and/or the Instructions and form: IMSA Data Packages		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conclusion		

Do you consider the proposal may have a significant effect on the environment?

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR SIGNIFICANT AMENDMENTS ONLY

Type of significant amendment	<input type="checkbox"/> significant amendment to the approved proposal <input type="checkbox"/> significant amendment to the implementation conditions <input type="checkbox"/> significant amendment to both the proposal and the implementation conditions
Information of the approved proposal	N/A
Combined effects of the approved proposal and significant amendment	N/A
Analysis of existing implementation conditions	N/A
Previous changes to the Proposal and or implementation conditions	N/A
Compliance	N/A
Environmental Performance	N/A
Control of implementation of significant amendment	N/A

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR A PROPOSAL UNDER AN ASSESSED SCHEME ONLY

What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?	N/A
How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?	N/A

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR DERIVED PROPOSALS ONLY

Demonstrate how the proposal will meet the environmental outcomes defined through the assessment of the strategic proposal	See attached OB32 BWT Derived Proposal document
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Provide an analysis of the existing implementation conditions of the related strategic proposal in relation to the derived proposal	See attached OB32 BWT Derived Proposal document
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PART C: OTHER APPROVALS AND REGULATION	
Decision-making authorities and their approvals	
Provide a table list of the decision-making authorities, associated legislation or agreement regulating the activity and the specific approval required. (Example table at the end of form)	See attached OB32 BWT Derived Proposal document
Provide a summary of the statutory decision-making processes you consider can mitigate the potential impacts of the proposal on the environment. (Note: this should be a summary of the information provided in Part B section 2.4).	See attached OB32 BWT Derived Proposal document
Tenure and Local Government approvals	
Location of proposal: a) street address, lot number, suburb, and nearest road intersection; or b) if remote, the nearest town and distance and direction from that town to the proposal site.	The OB32 BWT Proposal is located approximately 3.6 km north-east of Newman.
Name of the Local Government Authority in which the proposal is located.	Shire of East Pilbara
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the current land use on the property, and the extent (area in hectares) of the property?	Mining See attached OB32 BWT Derived Proposal document for further details.
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>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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 checked="" type="checkbox"/> No

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 checked="" type="checkbox"/> No 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <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 a Bilateral Agreement or as an accredited assessment?	<input 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 type="checkbox"/> No Approval:
Decision-making authority referrals <u>ONLY</u>	
What approval/s, under your authority, are required for this proposal? <i>Please provide details.</i>	

Example Table: Other approvals

Decision-making authority	Legislation or Agreement regulating the activity	Approval required (and specify which proposal element the approval is related to)	Whether and how statutory decision-making process can mitigate impacts on the environment? (Yes/No and summary of reasons. Include a separate line item for each relevant impact, and discuss how the EPA's factor objective will be met)