




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 (print) Sarah Blake		Signature 	
Position	Manager Environment and Approvals	Organisation	Roy Hill Iron Ore Pty Ltd
Email	Sarah.Blake@royhill.com.au		
Address	5	Whitham Road	
	Perth Airport	WA	6105
	1 st March 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, Sarah Blake declare that I am authorised to refer this proposal on behalf of Roy Hill Iron Ore Pty 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)		Roy Hill Iron Ore Pty Ltd	
Australian Company Number(s) <input checked="" type="checkbox"/>		ACN 123 722 038	
OR Australian Business Number(s) <input type="checkbox"/>			
Contact for the proposal (if different from the referrer)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No +61 8 6242 1229	
<i>Please include: name, physical address, phone, and email.</i>			

<p>Does the proponent have the legal access required for the implementation of all aspects of the proposal?</p> <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><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Roy Hill is the holder of the tenements where the activities will be undertaken. The applicable tenements are listed below:</p> <p>M46/518, M46/519, L47/346, L47/347, L47/642, L47/735, L47/851, L47/642, L46/142m M46/481, M46/482, M46/483. M46/484, M46/485, M46/486, M46/490 and M46/491</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: 824 and 829)</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 Revised Proposal outlines a significant increase in ground disturbance to that previously approved, a revised materials management strategy, a Life of Mine water management strategy including Managed Aquifer ReInjection, a significant increase in dewatering volumes and establishment of permanent surface water diversion structures.</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>Roy Hill Iron Ore Pty Ltd – Revised Proposal for the Roy Hill Iron Ore Mine</p>
<p>Name of the Local Government Authority in which the proposal is located.</p>	<p>Shire of East Pilbara</p>

Location: 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.		Marble Bar Road, 115 km north of Newman
Proposal description – including the key characteristics of the proposal <i>Provide as an attachment to the form</i>		See attached supporting report
Have you provided electronic spatial data, maps and figure in the appropriate format? <i>Refer to instructions at the front of the form</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the current land use on the property, and the extent (area in hectares) of the property?		Mining and Pastoral Use
Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.		Yes, Meetings 16/06/2017 Chris Stanley 29/06/2017 Anthony Sutton 22/06/2018 Peter Tapsell 18/07/2018 Peter Tapsell 27/11/2018 Peter Tapsell 25/01/2019 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 checked="" 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	
<i>For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report</i>		
Potential environmental impacts		
1	EPA Factor	Flora and Vegetation
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	Detailed in attached supporting report

3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Detailed in attached supporting report
4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	Detailed in attached supporting report
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Detailed in attached supporting report
6	Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts.	Detailed in attached supporting report
7	Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Detailed in attached supporting report
8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Detailed in attached supporting report
Potential environmental impacts		
1	EPA Factor	Inland Waters
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	Detailed in attached supporting report
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Detailed in attached supporting report
4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	Detailed in attached supporting report
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Detailed in attached supporting report
6	Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts.	Detailed in attached supporting report
7	Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Detailed in attached supporting report
8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Detailed in attached supporting report
Potential environmental impacts		
1	EPA Factor	Terrestrial Fauna
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	Detailed in attached supporting report
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Detailed in attached supporting report

4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	Detailed in attached supporting report
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Detailed in attached supporting report
6	Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts.	Detailed in attached supporting report
7	Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Detailed in attached supporting report
8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Detailed in attached supporting report
Potential environmental impacts		
1	EPA Factor	Subterranean Fauna
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	Detailed in attached supporting report
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Detailed in attached supporting report
4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	Detailed in attached supporting report
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Detailed in attached supporting report
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8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Detailed in attached supporting report

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?

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>
Land Clearing	M46/518 and M46/519	MS 824 and MS 829	<i>EP Act 1986 – Part IV</i>
Mining and Processing of Ore	M46/518 and M46/519	MS 824 and MS 829	<i>EP Act 1986 – Part IV</i>
		Mining Proposal (Reg ID: 69436)	<i>Mining Act 1979</i>
		Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
Mine Closure	M46/518 and M46/519	MS 824 and MS 829	<i>EP Act 1986 – Part IV</i>
		DMIRS Mine Closure Plan Approval Reg ID 54578	<i>Mining Act 1979</i>
Dewatering	M46/518 and M46/519 Mine Borefield	MS 824 and MS 829	<i>EP Act 1986 – Part IV</i>
		GWL 172642 Groundwater Operating Strategy – Operating Phase 2 (OP-REP-00512)	<i>RiWI Act 1914</i>
		Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
Groundwater Abstraction	Stage 1 Borefield M46/518	MS 824	<i>EP Act 1986 – Part IV</i>
		GWL 172642 Groundwater Operating Strategy – Operating Phase 2 (OP-REP-00512)	<i>RiWI Act 1914</i>
	Southern Borefield L47/347, L47/642, and L47/346	MS 829	<i>EP Act 1986 – Part IV</i>
		GWL 179224 Water Resource Operating Strategy for Roy Hill Stage 2 Borefield	<i>RiWI Act 1914</i>
Saline water disposal via, dust suppression, evaporation ponds and managed aquifer recharge (recharge basins and re-injection bores)	M46/518 and M46/519	MS 824 and MS 829 (s45C and s46 amendment)	<i>EP Act 1986 – Part IV</i>
		Mining Proposal (Reg ID: 69436)	<i>Mining Act 1979</i>
		Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
		GWL 172642	<i>RiWI Act 1914</i>

		Groundwater Operating Strategy – Operating Phase 2 (OP-REP-00512)	
Discharge of excess mine dewater with TDS of less than 2,000mg/L	M46/518 and M46/519	Mining Proposal (Reg ID: 69436)	<i>Mining Act 1979</i>
		Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
Process Plant Dam water discharge to creek lines with TDS of less than 6,000mg/L	M46/518 and M46/519	Mining Proposal (Reg ID: 69436)	<i>Mining Act 1979</i>
		Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
Supporting infrastructure – Bulk fuel facilities, landfills, waste water treatment facilities, tyre storage	M46/518 and M46/519	Operating Licence L8621/2011/1	<i>EP Act 1986 – Part V</i>
		Mining Proposal (Reg ID: 69436)	<i>Mining Act 1979</i>
Supporting infrastructure – Bulk fuel facilities	M46/518 and M46/519	Dangerous Goods Licence	<i>Dangerous Goods Safety Act 2004</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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No Date: <u>_05/11/2018_____</u> EPBC No.: <u>_20108/8330_____</u>
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 checked="" 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 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No Approval: Submission of approval request to DoEE made on 05/11/2018