

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 of the referrer <i>Name of the person or organisation referring</i>	Murchison Hydrogen Renewables Pty Ltd
Contact details (for the EPA's assessment of this proposal) <i>Name, organisation, position, email, phone and address</i>	Amanda Le Moine Murchison Hydrogen Renewables Pty Ltd Manager, Permitting & Approvals Email: amm@cisc.dk Phone: +61 488 022 396 Office: Level 45, 108 St Georges Terrace, Perth, WA 6000
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
Declaration I, Amanda Le Moine declare that I am authorised to refer this proposal on behalf of Murchison Hydrogen Renewables Pty Ltd and further declare that the information contained in this form is true and not misleading.	
Proponent information	
Name of the proponent/s <i>Include Trading Name if relevant</i>	Murchison Hydrogen Renewables Pty Ltd as trustee for Murchison Hydrogen Renewables Project Trust
Australian Company Number(s) <input checked="" type="checkbox"/>	650 922 062
Australian Business Number(s) <input 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 briefing with EPA Services on Monday 13 December (Hans Jacob and Leanne Thompson).
Proposal information	

Proposal name		Murchison Hydrogen Renewables Project
What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)		The Proposal will use combined onshore wind and solar energy to produce green ammonia for export to emerging green energy markets in Asia. The Proposal is located within the Shire of Northampton, Western Australia (WA), approximately 20 km north of Kalbarri.
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> <i>For a proposal under an assessed planning scheme, provide the scheme number and name</i>	<input checked="" type="checkbox"/> significant proposal. <i>Choose which type of significant proposal</i> <input checked="" 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 type="checkbox"/> derived proposal <input type="checkbox"/> proposals of a prescribed class <input type="checkbox"/> proposal under an assessed planning scheme	
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	N/A No alternatives proposals were considered to the Proposal.	

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

Environmental factors

What are the likely significant environmental factors for this proposal?

- Benthic Communities and Habitat
- Coastal Processes
- Marine Environmental Quality
- Marine Fauna
- Flora and Vegetation
- Landforms
- Subterranean Fauna
- Terrestrial Environmental Quality
- Terrestrial Fauna
- Inland Waters
- Air Quality
- Greenhouse Gas Emissions
- Social Surroundings
- Human Health

For **each** of the environmental factors identified above, complete the following table, or provide the information in a supplementary report

Potential environmental impacts – for each environmental factor

1	EPA policy and guidance	Refer to attached Murchison Hydrogen Renewables Project – Environmental Referral Supporting Document, February 2022.
2	Receiving environment	
3	Likely environmental impacts	
4	Application of the mitigation hierarchy	
5	Assessment and significance of residual impacts	
6	Likely environmental outcomes	

Holistic impact assessment

Refer to Section 7 in the attached Murchison Hydrogen Renewables Project – Environmental Referral Supporting Document

Cumulative environmental impact assessment

Refer to Section 8 in the attached Murchison Hydrogen Renewables Project – Environmental Referral Supporting Document

Consultation

A detailed overview of consultation that has occurred in relation to the Murchison Hydrogen Renewables Project is outlined in Section 3 of the Referral Supporting Document.

Supporting documents

The following document is submitted in support of this referral:

- Environmental Referral Supporting Document – Murchison Hydrogen Renewables Project, February 2022

Has the referrer provided survey information according to the [Instructions and Form: IBSA Data Packages](#) and/or the [Instructions and form: IMSA Data Packages](#) Yes
 No

Conclusion

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

Yes

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	N/A
Provide an analysis of the existing implementation conditions of the related strategic proposal in relation to the derived proposal	N/A

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)	Refer to Table 1, completed below.
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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).	Refer to Table 1, completed below.
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 Proposal site is located 20 km north of Kalbarri primarily within the Murchison Pastoral Lease (registered number N050525). Refer to Section 1.4 of the Murchison Hydrogen Renewables Project – Environmental Referral Supporting Document for further details.
Name of the Local Government Authority in which the proposal is located.	Shire of Northampton
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input type="checkbox"/> No To be determined. Consultation is currently being undertaken to determine if rezoning is required. While renewable energy is listed as a suitable landuse the ‘hydrogen plant’ may require an amendment to the scheme text.
What is the current land use on the property, and the extent (area in hectares) of the property?	The Development Envelope currently lies over land used to graze goats and is currently considered pastoral land. The Development Envelope is ~90,000 ha inclusive of terrestrial and marine components.
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 type="checkbox"/> Yes <input type="checkbox"/> No Tenure is currently being progressed. Refer Section 1.4 of the Murchison Hydrogen Renewables Project – Environmental Referral Supporting Document for further details.
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: 1/03/2022 _____ EPBC No.: _____ Referral is being submitted concurrently.

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 a 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:
Decision-making authority referrals <u>ONLY</u>	
What approval/s, under your authority, are required for this proposal? <i>Please provide details.</i>	N/A

Table 1: 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)
Department of Planning, Lands and Heritage	<i>Land Administration Act 1997 (WA)</i> <i>Aboriginal Heritage Act 1972 (WA)</i> <i>Aboriginal Cultural Heritage Act 2021</i>	<ul style="list-style-type: none"> Section 18 Approval to disturb a registered heritage site, or approved Aboriginal Cultural Heritage Management Plan 	Yes. For the management of activities which may impact on Aboriginal heritage values if these cannot be avoided. This will ensure the EPA factor objective for Social Surrounds is met.
Department of Water and Environmental Regulation	<i>Environmental Protection Act 1986 Part V</i>	<ul style="list-style-type: none"> Works Approval Environment Licence for controlled work or prescribed activities 	Yes. It is expected this proposal will trigger a Part V EP Act License to regulate potential impacts and emissions from the Proposal. This will ensure the EPA factors for Social Surrounds, Inland Waters and Air Quality are met.
DBCA	<i>Biodiversity Conservation Act 2016</i>	Licence to take flora / fauna	Yes. For the management of activities which impact on threatened flora and fauna. This will ensure the EPA factor objective for Flora and Vegetation is met.
DAWE	<i>Environment Protection and</i>	Environmental impacts on Matters of National	Yes.

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)
	<i>Biodiversity Conservation Act 1999</i>	Environmental Significance	A Bilateral Agreement through the EPA to address potential impacts to MNES. This will ensure the EPA factors for all key environmental factors is met.
Joint Development Assessment Panel	<i>Planning and Development Act 2005 Shire of Northampton Local Planning Scheme 10</i>	Development approval for terrestrial components within the DE.	Yes. The Development Approval will ensure Proposal activities are aligned with local zoning and planning requirements. This is aligned to EPA factor objectives for Flora and Vegetation, Terrestrial Fauna, Social Surroundings and Inland Waters.