

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?**☒ Proponent☐ Decision-making authority☐ Community member/third party**Name** *Talison Lithium Australia Pty Ltd***Signature****Position**General Manager
Project Development & Strategy**Organisation**Talison Lithium
Australia Pty Ltd**Email**

gbcontact@talisonlithium.com

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08 9782 5700

Address

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Perth

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Date

23/4/2025

Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential?

☐ Yes☒ No*Provide confidential information in a separate attachment.*

Does the referrer confirm that they consent to receive correspondence electronically?

☐ Yes☐ No

Referral declaration for proponent and Authorised representative:

I, **Ian McGuire** declare that I am authorised to refer this proposal on behalf of **Talison Lithium Australia Pty Ltd** and further declare that the information contained in this form is true and not misleading.

Date: 23/4/2025

Proponent information**Name of the proponent/s***Include Trading Name if relevant*

Talison Lithium Australia Pty Ltd

Australian Company Number(s)

☐

15 140 122 078

OR

Australian Business Number(s)

☒

Pre-referral discussions	
<p>Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)?</p> <p><i>If so, provide name, date, and overview of discussions.</i></p>	<p>✓ Yes <input type="checkbox"/> No</p> <p>Meeting with Anna Valkivos and Robert Hughes on 24 November 2023. Provided an overview of the expansion Project and proposed referral pathway.</p> <p>Additional consultation was undertaken with EPA personnel including the Deputy EPA Chair Lee McIntosh, Alannah Kidd; Courtney Henry; Danielle Griffiths; and Leanne Thompson. Discussions centred around the larger Greenbushes expansion and proposed referral pathways, with the EPA expressing preference for referral of the larger Project with a staged implementation approach undertaken if required. The proposed offsets for the Proposal were also discussed with previous examples of Biodiversity Conservation Trusts considered.</p> <p>Further meetings were held to cement the proposed approvals pathway and enable a condensed timeframe. Draft referral documents were provided and the EPA provided preliminary comments.</p>
Proposal information	
Proposal name	Greenbushes Lithium Mine: Waste Rock Landforms, Salt Water Gully Dam and additional clearing for infrastructure.
What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)	The Proposal is an expansion of the existing Greenbushes lithium operations to incorporate the S2 WRL, S8 WRL, SWG Dam and additional mine infrastructure. Further detail is provided in Attachment A – Proposal Content Document, and Attachment B – EPA Referral Supporting Document.
Have you provided electronic spatial data, maps, and figures in the appropriate format?	✓ Yes <input type="checkbox"/> No
<p>What type of proposal is being referred?</p> <p><i>For significant amendment or derived proposal, provide the associated existing Ministerial statement number/s</i></p>	<p>✓ significant proposal. <i>Choose which type of significant proposal</i></p> <p><input type="checkbox"/> new proposal</p> <p>✓ significant amendment (proposal only)</p> <p><input type="checkbox"/> significant amendment (conditions only)</p> <p><input type="checkbox"/> significant amendment (proposal and conditions)</p> <p><input type="checkbox"/> strategic proposal</p> <p><input type="checkbox"/> derived proposal</p> <p><input type="checkbox"/> proposals of a prescribed class</p>

For a proposal under an assessed planning scheme, provide the scheme number and name	<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	Alternatives for both waste rock landforms (WRLs) and water supply and storage options have been considered. Refer to Section 3.4 of Attachment B – Supporting Documentation for detail on the alternatives assessed.

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 type="checkbox"/> Subterranean Fauna <input checked="" type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input checked="" type="checkbox"/> Air Quality <input checked="" 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 – Flora and Vegetation

1	EPA policy and guidance	Refer to Section 6.1.1 and 6.1.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.1.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.1.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.1.5 of Attachment B – EPA Referral Supporting Document.

5	Assessment and significance of residual impacts	Refer to Section 6.1.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.1.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Terrestrial Fauna		
1	EPA policy and guidance	Refer to Section 6.2.1 and 6.2.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.2.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.2.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.2.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.2.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.2.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Terrestrial Environmental Quality		
1	EPA policy and guidance	Refer to Section 6.3.1 and 6.3.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.3.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.3.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.3.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.3.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.3.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Inland Waters		
1	EPA policy and guidance	Refer to Section 6.4.1 and 6.4.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.4.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.4.4 of Attachment B – EPA Referral Supporting Document.

4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.4.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.4.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.4.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Social Surroundings		
1	EPA policy and guidance	Refer to Section 6.5.1 and 6.5.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.5.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.5.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.5.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.5.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.5.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Air Quality		
1	EPA policy and guidance	Refer to Section 6.6.1 and 6.6.2 of Attachment B – EPA Referral Supporting Document.
2	Receiving environment	Refer to Section 6.6.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.6.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.6.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.6.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.6.7 of Attachment B – EPA Referral Supporting Document.
Potential environmental impacts – Greenhouse Gas Emissions		
1	EPA policy and guidance	Refer to Section 6.7.1 and 6.7.2 of Attachment B – EPA Referral Supporting Document.

2	Receiving environment	Refer to Section 6.7.3 of Attachment B – EPA Referral Supporting Document.
3	Likely environmental impacts	Refer to Section 6.7.4 of Attachment B – EPA Referral Supporting Document.
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 6.7.5 of Attachment B – EPA Referral Supporting Document.
5	Assessment and significance of residual impacts	Refer to Section 6.7.6 of Attachment B – EPA Referral Supporting Document.
6	Likely environmental outcomes	Refer to Section 6.7.7 of Attachment B – EPA Referral Supporting Document.
Holistic impact assessment		
Refer to Section 8 of Attachment B – EPA Referral Supporting Document.		
Cumulative environmental impact assessment		
Refer to Section 9 of Attachment B – EPA Referral Supporting Document.		
Consultation		
Refer to Section 4 of Attachment B – EPA Referral Supporting Document.		
Supporting documents		
Attachment A – Proposal Content Document Attachment B – Supporting Documentation		
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? Yes the clearing of native vegetation associated with the Proposal may impact on threatened fauna species.		

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR SIGNIFICANT AMENDMENTS ONLY

Type of significant amendment	<input checked="" 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	Refer to Section 2 of Attachment B – EPA Referral Supporting Document.

Combined effects of the approved proposal and significant amendment	<p>The Proposal involves additional clearing of up to 189 ha of native vegetation, and 31 ha of mine rehab</p> <p>28.63 ha of the native vegetation clearing required will be undertaken under the existing 350 ha allowance, as to date only 248.44 ha of clearing has been undertaken under this approval.</p> <p>In total, the cumulative clearing required will equal 512 ha of native vegetation, and 29 ha of mine disturbance and rehabilitated areas.</p>
Analysis of existing implementation conditions	<p>Implementation conditions of the existing MS1111 approval remain relevant. The authorised extent of the Proposal will require amendment to incorporate the larger development envelope and additional clearing required.</p> <p>Refer to Section 2.4.1 and 2.4.2 of Attachment B – EPA Referral Supporting Document for further detail.</p>
Previous changes to the Proposal and or implementation conditions	<p>An expansion to Talison’s Greenbushes Lithium Operations was formally referred under the EPBC Act in May 2018 and under the EP Act in June 2018. On 17th June 2018, the then Department of the Environment and Energy (DotEE) determined the Proposal is a Controlled Action and required formal assessment. The project was then assessed by the WA EPA through the accredited assessment process under Section 87 of the EPBC Act.</p> <p>On the 19th August 2019, Ministerial Statement No. 1111 was published for the expansion, outlining that pursuant to section 45 of the EP Act, subject to implementation conditions and procedures, the proposal may be implemented. On the 14th November 2019, Talison was granted approval to clear native vegetation to construct and operate an expansion of the Greenbushes mine in accordance with the conditions specified in the approval (EPBC 2018/8206).</p> <p>Attachment 1 to MS1111 was approved in April 2020 under Section 45C of the EP Act, and allowed an expansion of the MDE to include small areas to the north and southwest.</p> <p>Attachment 2 to MS1111 provided an expansion of the MDE to include an area for rehabilitation material stockpiles, a revised Mine Access Road (MAR) alignment, and an accommodation village. This Section 45C amendment was approved in May 2023.</p> <p>This Proposal is expected to result in an additional Attachment (Attachment 3) to MS1111</p>
Compliance	<p>Compliance with existing implementation conditions is tracked according to the Compliance Assessment Plan (CAP) for MS1111. The most recent Annual Compliance Report for MS1111 was submitted in December 2024.</p> <p>Refer to Section 2.4.3 of Attachment B – EPA Referral Supporting Document for further detail.</p>

Environmental Performance	<p>Talison Lithium has an environmental policy that outlines their commitment to conduct their business in compliance with all applicable environmental obligations, as well as continual improvement of environmental performance.</p> <p>Environmental Management is integrated into all work practices at Talison by ensuring environmental, social and economic considerations are incorporated into all stages of mine development, ensuring appropriate environmental controls are identified and implemented. Continuous improvement is facilitated through regular monitoring, auditing and reporting against environmental management methods.</p> <p>Talison maintains ISO 14001 accreditation, which is an internationally recognised standard for environmental management systems. Additionally, Talison is currently pursuing accreditation under the Initiative for Responsible Mining Assurance (IRMA).</p> <p>Additionally, open communication with local stakeholders including the surrounding community, Traditional Owners and government regulators regarding the Proposed Action ensures transparency throughout the operation.</p> <p>Environmental risks at Talison are managed through regular risk assessment, introduction of preventative measures, ongoing review and monitoring, and mitigation actions</p>
Control of implementation of significant amendment	<p>The proposed amendment will be implemented in accordance existing controls outlined in Greenbushes site Management Plans.</p> <p>Additional information on proposed mitigation strategies is outlined in Section 6 of Attachment B – EPA Referral Supporting Document.</p>

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 Section 2.5.2 of Attachment B – EPA Referral Supporting 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). (Example table at the end of form)

Refer to Section 2.5.3 of Attachment B – EPA Referral Supporting 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.

1662 Maranup Ford Road
Greenbushes, WA 6254.

Name of the Local Government Authority in which the proposal is located.

Shire of Bridgetown-Greenbushes.

Is rezoning of any land required before the proposal can be implemented?
If yes, please provide details.

☐ Yes ☒ No

What is the current land use on the property, and the extent (area in hectares) of the property?

The site is in close proximity to the town of Greenbushes, and most of the surrounding land use is agricultural, as well as mining, forestry and residential, with a significant area of State Forest. Additionally, the southwestern region of WA is a popular tourist destination, with the South Western Highway utilised as the main route between Bunbury and Albany. The total Proposal Development Envelope is 2,826 ha.

Does the proponent have the legal access required for the implementation of all aspects of the proposal?

If yes, provide details of legal access authorisations / agreements / tenure.

If no, what authorisations / agreements / tenure is required and from whom?

☐ Yes ☒ No

Refer Supporting Document section 2.5.1.

Commonwealth Government approvals

Does the proposal involve an action that may be or is a controlled action under the *Environment*

☒ Yes ☐ No

<i>Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	
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 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 type="checkbox"/> Yes - Bilateral <input checked="" 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>	Not Applicable.