



# 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) Anthea Pate		<b>Signature</b> <small>DocuSigned by:</small>  <small>F0BBFDD0035F44E...</small>	
Position	Manager Environment and Approvals	Organisation	Covalent Lithium Pty Ltd
Email	<a href="mailto:Anthea.Pate@covalentlithium.com">Anthea.Pate@covalentlithium.com</a>		
Address	Lvl 18, 109	St Georges Terrace	
	Perth	WA	6000
Date	23 <sup>rd</sup> September 2020		
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	
<b>Referral declaration for organisations, proponents and decision-making authorities:</b>  I, Anthea Pate , <i>(full name)</i> declare that I am authorised to refer this proposal on behalf of Covalent Lithium 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)		Covalent Lithium Pty Ltd	
Australian Company Number(s) <input type="checkbox"/> <b>OR</b> Australian Business Number(s) <input type="checkbox"/>		CAN: 623 090 139  ABN: 70 623 090 139	
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 checked="" type="checkbox"/> Yes <input 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>Development WA (previously LandCorp), the owner of Lot 15 Mason Road, have provided consent for Covalent to submit this s38 ERD in order to progress the Proposal approvals. A copy of the written consent from Development WA is provided as Appendix A in the attached Environmental Referral Supporting Report.</p>
<p><b>Proposal type</b></p>	
<p><b>What type of proposal is being referred?</b></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 checked="" type="checkbox"/> significant – new proposal</p> <p><input type="checkbox"/> significant – change to approved proposal (MS No./s: _____)</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"> <li>Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?</li> </ul>	<p>Based on the assessment for potential impacts associated with the construction and / or operation of the Proposal the following environmental factors have been assessed in detail:</p> <ul style="list-style-type: none"> <li>Terrestrial Environmental Quality;</li> <li>Air Quality; and</li> <li>Social Surroundings.</li> </ul>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> <li>Scheme name and number</li> </ul> <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> <li>What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?</li> <li>How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?</li> </ul>	<p>N/A</p>
<p><b>Proposal description</b></p>	
<p>Title of the proposal</p>	<p>Covalent Lithium Hydroxide Refinery</p>
<p>Name of the Local Government Authority in which the proposal is located.</p>	<p>City of Kwinana</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>Lot 15 Mason Road, Kwinana Beach</p>
<p>Proposal description – including the key characteristics of the proposal</p>	<p>The Proposal is to establish a Lithium Hydroxide Refinery at Kwinana.</p>

<i>Provide as an attachment to the form</i>	The Proposal will process spodumene ore concentrate intermediate, sourced from Mt Holland Lithium Project, in order to produce battery-grade lithium hydroxide.
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?	The Proposal Development Envelope lies over Crown land zoned for industrial land uses and railway reserve, under the City of Kwinana Town Planning Scheme (TPS) No. 2. The Proposal Development Envelope is 76 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, please refer to Section 3 of the attached Environmental Referral Supporting Report.

## Part B: 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

1	<b>EPA Factor</b>	Please refer to Section 5, 6 and 7 of the attached Environmental Referral Supporting Report.
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	Please refer to Section 5.2, Section 6.2 and Section 7.2 of the attached Environmental Referral Supporting Report.

3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	Please refer to Section 3 of the attached Environmental Referral Supporting Report.
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	Please refer to Section 5.3, Section 6.3 and Section 7.3 of the attached Environmental Referral Supporting Report.
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	Please refer to Section 5.4, Section 6.4 and Section 7.4 of the attached Environmental Referral Supporting Report.
6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	Please refer to Section 5.6, Section 6.6 and Section 7.6 of the attached Environmental Referral Supporting Report.
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Please refer to Section 5.5, Section 6.5 and Section 7.6 of the attached Environmental Referral Supporting Report.
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Given all aspects of the Proposal can be adequately managed under Part V of the EPA Act, Covalent believe that assessment under Part IV of the EP Act is not required. The relevant management plans will be developed and provided with the Part V approval applications.

## 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 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>
Development of buildings/structures	Development WA (previously LandCorp), the owner of Lot 15 Mason Road, have provided written consent (refer to Appendix A in the attached Environmental Referral Supporting Report) for Covalent to progress the Proposal approvals.	Development Approval	Planning and Development Act 2005
Construction of the Lithium Refinery		Works Approval and Licence to operate	Part V, Division 3, EP Act
Storage of dangerous goods		Dangerous Goods Storage Licence	Dangerous Goods Safety Act 2004 Dangerous Good Safety (Major Hazard Facilities) Regulations 2001 Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007
Disposal of treated refinery process wastewater via Sepia Depression Ocean Outlet (SDOOL)		Effluent Services Agreement	Ministerial Statement 665
Construction of on-site sewage treatment and disposal system		Works Approval and Licence to operate  Approval to construct or install an apparatus for the treatment of sewage plant	Part V, Division 3, EP Act  Health (Treatment of Sewage and Disposal of Effluent and Liquid Waste) Regulations 1974
Removal of redundant rail corridor reservation		Metropolitan Regional Scheme Amendment	Planning and Development Act 2005

### Commonwealth Government approvals

Does the proposal involve an action that may be or is a controlled action under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)?

Yes

No

Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?

Yes

No

Date: \_\_\_\_\_

EPBC No.: \_\_\_\_\_

## Part C: Other approvals and regulation

### State and Local Government approvals

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 the 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 checked="" type="checkbox"/> No  Approval: