




Form for the referral of a proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*

| Referrer information | | | |
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| Who is referring this proposal? | | <input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party | |
| Name Brett Hazelden | | Signature  | |
| Position | Director | Organisation | Kalium Lakes Potash Pty Ltd |
| Email | brett.hazelden@kaliumlakes.com.au | | |
| Address | Street No. Unit 1 152 | Street Name Balcatta Road | |
| | Suburb Balcatta | State WA | Postcode 6021 |
| Date | 30 October 2017 | | |
| 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, Brett Hazelden, declare that I am authorised to refer this proposal on behalf of Kalium Lake Potash 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) | | Kalium Lakes Potash Pty Ltd | |
| Australian Company Number(s) <input type="checkbox"/> OR Australian Business Number(s) <input checked="" type="checkbox"/> | | 92 601 436 060 | |
| Contact for the proposal (if different from the referrer) <i>Please include: name; physical address; phone; and email.</i> | | Same as referrer above. Phone: 0417 982 302 | |
| 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 checked="" type="checkbox"/> No The majority of the aspects of the proposal lie within Miscellaneous and Exploration Licences held by Kalium Lakes Potash Pty Ltd: <ul style="list-style-type: none"> • E69/3309 • E69/3346 | |

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| | <ul style="list-style-type: none"> • E69/3347 • E69/3351 • E69/3352 • L52/162 <p>There are some portions of the freshwater supply and access road aspects of the proposal that currently lie outside of the licence boundaries listed above. Kalium Lakes Potash Pty Ltd will obtain appropriate tenure under the <i>Mining Act 1978</i> for these areas once the preferred options are determined.</p> |
| Proposal type | |
| <p>What type of proposal is being referred? 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> | <input checked="" type="checkbox"/> significant – new proposal <input type="checkbox"/> significant – change to approved proposal (MS No./s: _____) <input type="checkbox"/> proposal under an assessed planning scheme <input type="checkbox"/> strategic <input type="checkbox"/> derived (Strategic MS No.: _____) |
| <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 implementation of the Proposal, may impact on the following Key Environmental Factors (as discussed further in Part B):</p> <ul style="list-style-type: none"> • Flora and vegetation; • Terrestrial fauna; • Inland waters and environmental quality; • Hydrological processes; and • Subterranean fauna. |
| <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? | N/A |
| Proposal description | |
| Title of the proposal | Beyondie Sulphate of Potash Project |
| Name of the Local Government Authority in which the proposal is located. | Shire of Wiluna |
| <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>The Beyondie Sulphate of Potash Project is located approximately 160 kilometres south east of Newman, and 75 km east of the Kumarina Roadhouse, in the eastern Pilbara region of Western Australia.</p> <p>Access to the proposal is via 'Beyondie Road' off Great Northern Highway, just North of Kumarina Roadhouse.</p> |

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| <p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p> | <p>Please see Part A of the supporting information</p> |
| <p>Have you provided electronic spatial data, maps and figure in the appropriate format?</p> <p><i>Refer to instructions at the front of the form</i></p> | <p>✓ Yes <input type="checkbox"/> No</p> <p>Spatial data has been provided. Maps and figures have been included in Part A of the supporting information document.</p> |
| <p>What is the current land use on the property, and the extent (area in hectares) of the property?</p> | <p>The land is currently Unallocated Crown Land or Pastoral and land use is currently limited to exploration activities. Exploration Licences have been granted totalling approximately 2,400 km².</p> <p>A trial extraction programme has been in progress since 2016 - drilling has been undertaken at 10 Mile and Sunshine Lakes, approximately 200 km of roads and tracks have been graded, a 16 person camp and workshop installed, trial evaporation ponds constructed and verification trial area graded.</p> <p>The Proposal falls within the within the Birriliburu Determination Area (WAD6284/1998} and Gingirana Native Title Claim Area (WAD6002/2003}. The local area is used by Traditional Owners for cultural activities.</p> |
| <p>Have you had pre-referral discussions with the OEPA? If so, quote the reference number and/or the OEPA contact.</p> | <p>A pre-referral meeting was held on 13 April 2017 with several members of EPA Services. The key EPA Services contact is Mr Anthony Sutton (Director, Assessment and Compliance).</p> <p>A subsequent meeting was held with the EPA Chairman Mr Tom Hatton on 22 June 2017.</p> <p>The assessing officer for the proposal is expected to be Chris Stanley.</p> |
| <p>Part B: Environmental impacts</p> | |
| <p>Environmental factors</p> | |
| <p>What are the likely significant environmental factors for this proposal?</p> | <p><input type="checkbox"/> Benthic Communities and Habitat</p> <p><input type="checkbox"/> Coastal Processes</p> <p><input type="checkbox"/> Marine Environmental Quality</p> <p><input type="checkbox"/> Marine Fauna</p> <p>✓ Flora and Vegetation</p> <p><input type="checkbox"/> Landforms</p> <p>✓ Subterranean Fauna</p> |

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| | <input type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Hydrological Processes <input checked="" type="checkbox"/> Inland Waters Environmental Quality <input type="checkbox"/> Air Quality <input type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health |
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For the environmental factors identified above, complete the following table, or provide the information in a supplementary report. Please be sure to complete a separate table per factor identified above.

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

| Part C: Other approvals and regulation | | | |
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| State and Local Government approvals | | | |
| 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 | |
| If this proposal has been referred by a decision-making authority, what approval(s) are required from you? | | N/A | |
| Proposal activities | Land tenure/access | Type of approval | Legislation regulating the activity |
| All activities | Mining Act tenure | Part IV approval | <i>Environmental Protection Act 1986 (Part IV)</i> |
| | | EPBC Act approval | <i>Environment Protection and Biodiversity Conservation Act 1999</i> |
| | | Mining Proposal | <i>Mining Act 1978</i> |
| Disturbance of Aboriginal Heritage sites (if unavoidable) | Mining Act tenure | Section 18 consent if any Heritage sites are unavoidable | <i>Aboriginal Heritage Act 1972</i> |
| Closure and rehabilitation | Mining Act tenure | Mine Closure Plan | <i>Mining Act 1978</i> |
| Storage of dangerous goods (e.g. diesel) on site | Mining Act tenure | Dangerous Goods Site Licence Security Risk Substance Storage Licence | <i>Dangerous Goods Safety Act 2004</i> |
| Abstraction of brine and fresh groundwater | Mining Act tenure | 5C Licence | <i>Rights in Water and Irrigation Act 1914</i> |
| Bore construction – additional bores | Mining Act tenure | 26D Licence | <i>Rights in Water and Irrigation Act 1914</i> |
| Brine abstraction, evaporation ponds and processing | Mining Act tenure | Works Approval and Licence | <i>Environmental Protection Act 1986 (Part V)</i> |
| Accommodation Village | Mining Act tenure | Works Approval and Licence (for wastewater treatment plant) | <i>Environmental Protection Act 1986 (Part V)</i> |
| | | Approval to construct or install an apparatus for the treatment of sewage | <i>Health Act 1911</i> |
| | | Shire Building Licence | <i>Building Act 2011</i> |
| Gas pipeline | Mining Act tenure | Pipeline Licence | <i>Petroleum Pipelines Act 1969</i> |
| Transport of product on public roads | Road reserves | Heavy Haulage Approval | <i>Main Roads Act 1930</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: 24 October 2017 EPBC No.: 2017/8088 | |

| Part C: Other approvals and regulation | |
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| State and Local Government approvals | |
| <p>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.</p> | <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Decision – controlled action</p> <p><input type="checkbox"/> Decision – not a controlled action</p> |
| <p>Do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?</p> | <p><input type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes - Accredited</p> |
| <p>Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i></p> | <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Approval:</p> |