

Referral submission template for government authorities

Finniss Lithium Project BP33 Underground Mine

Core Lithium Limited

This template is provided for use by government authorities making a submission on an accepted referral for consideration under section 48 of the *Environment Protection Act 2019*. Additional comments may be attached separately if required.

At this initial stage of the environmental impact assessment process, feedback is sought on whether or not the NT EPA should assess the proposal and, if so, what level of assessment is considered appropriate.

Referral Submission Template	
Agency Name:	Medical Entomology, Top End Health Service
Proponent and Action: (NT EPA to complete)	
Does the action require a statutory approval/ licence/ permit under legislation administered by your agency? If so, please list and/or explain.	N/A to Medical Entomology requirements
Does the proposed action meet relevant legislation, accepted standards, plans or policies administered by your agency? Please explain.	N/A
Future involvement of the agency if the action proceeds through environmental impact assessment: <ul style="list-style-type: none"> • No further involvement • Provide for information only • Provide for advice 	Provide advice for the People and Communities – Human Health section, with regards to existing biting insect populations at the site, and measures to reduce the potential to create new mosquito breeding sites during the construction phase. Due to the short life of mine, availability of some historic baseline biting insect data from the Cox Peninsular area, and absence of on-site accommodation, no biting insect studies are considered necessary for this project.
Has your agency had prior dealings with the proponent? If so, is there knowledge of the proponent's compliance (or non-compliance) with approvals and legislation?	Nil

Referral Submission Template	
Does the referral provide adequate information for your agency to provide comment on the action?	The information provided was adequate.
Does the referral provide adequate information of surrounding land uses and other potential pressures on the environment?	N/A
Does the referral present an adequate level of information of the environment likely to be impacted?	N/A
Have all environmental factors with the potential to be significantly impacted by the action been identified in the referral?	The creation of water dams, roads across drainage lines, and sediment ponds, has the potential to increase mosquito populations at the mine site and nearby vicinity, potentially increasing the mosquito borne disease risk to workers. Sediment runoff into downstream creeklines could exacerbate existing mosquito breeding sites, also potentially increasing the risk to workers. The proposed sediment control actions, if they are to the satisfaction of EPA/DENR, should reduce the potential for sediment runoff to increase mosquito breeding issues in downstream areas. Mitigation measures for other actions that could potentially lead to increased mosquito breeding are discussed in the Medical Entomology mine guidelines .
Is the referral accurate in its preliminary identification and assessment of likely significant impacts?	Biting insects, arising from the natural environment and possibly mine disturbed areas, have the potential to cause workforce issues through irritating bites and mosquito borne disease transmission. However, any significant impact would only occur if workers do not protect themselves from biting insect bites. It is recommended that biting insect issues and mitigation measures are at least outlined in a relevant management plan document, and be outlined during workforce inductions. Medical Entomology can be contacted for further advice.
Are the claims and findings of the referral supported by adequate information?	N/A
Has the referral provided information to support any assumptions/ conclusions made about the cultural and social environments that may be impacted by the action?	N/A
Does the referral provide adequate information to demonstrate claims about opportunities and impacts to the NT economic environment?	N/A
Does your agency have additional information about the locality, action or circumstances of the action that has not been provided in the referral that will contribute to the NT EPA's decision on significant impact?	Nil

Referral Submission Template	
Does the action have the potential for significant impact on the environment?	N/A
If yes, can the action be assessed based on the information in the referral?	
If no, should the action be assessed as a SER, EIS or by assessment by inquiry?	
If an SER is recommended please describe the matter that the proponent is required to further investigate	
If an EIS is recommended, please describe the matters the proponent is required to further investigate (to be included in draft terms of reference for the EIS)	Include a short biting insect section in the Human Health section, or other relevant section of the EIS. The proposed rehabilitation appears to be suitable to prevent this mine from creating legacy mosquito breeding sites.
If an assessment by inquiry is recommended, please describe the issue to be examined by the inquiry (for inclusion in draft terms of reference)	The proponent should be advised to contact Medical Entomology to discuss biting insect mitigation measures.

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Referral Submission Template	
Agency Name:	Department of Health
Proponent and Action: (NT EPA to complete)	
Does the action require a statutory approval/ licence/ permit under legislation administered by your agency? If so, please list and/or explain.	Wastewater works design approval – Public and Environmental Health regulations Food business licence – Food Act. Both are dependent on the setup of a mining camp
Does the proposed action meet relevant legislation, accepted standards, plans or policies administered by your agency? Please explain.	No objections at this stage
Future involvement of the agency if the action proceeds through environmental impact assessment: <ul style="list-style-type: none"> • No further involvement • Provide for information only • Provide for advice 	DoH regulatory response is dependent on the setup of a mining camp, refer to Health requirements for mining and construction camps
Has your agency had prior dealings with the proponent? If so, is there knowledge of the proponent's compliance (or non-compliance) with approvals and legislation?	No
Does the referral provide adequate information for your agency to provide comment on the action?	

Referral Submission Template	
Does the referral provide adequate information of surrounding land uses and other potential pressures on the environment?	No objections
Does the referral present an adequate level of information of the environment likely to be impacted?	No objections
Have all environmental factors with the potential to be significantly impacted by the action been identified in the referral?	No objections
Is the referral accurate in its preliminary identification and assessment of likely significant impacts?	No objections
Are the claims and findings of the referral supported by adequate information?	No objections
Has the referral provided information to support any assumptions/ conclusions made about the cultural and social environments that may be impacted by the action?	No objections
Does the referral provide adequate information to demonstrate claims about opportunities and impacts to the NT economic environment?	No objections
Does your agency have additional information about the locality, action or circumstances of the action that has not been provided in the referral that will contribute to the NT EPA's decision on significant impact?	No
Does the action have the potential for significant impact on the environment?	No comment
If yes, can the action be assessed based on the information in the referral?	No comment
If no, should the action be assessed as a SER, EIS or by assessment by inquiry?	No comment
If an SER is recommended please describe the matter that the proponent is required to further investigate	No comment
If an EIS is recommended, please describe the matters the proponent is required to further investigate (to be included in draft terms of reference for the EIS)	No comment
If an assessment by inquiry is recommended, please describe the issue to be examined by the inquiry (for inclusion in draft terms of reference)	No comment