GOVERNMENT OF WESTERN AUSTRALIA

Department of **Water and Environmental Regulation**

Department of **Energy, Mines, Industry Regulation and Safety**

Application for new permit or referral to clear native vegetation

This is the form to submit a referral of proposed clearing or apply for a clearing permit under Part V of the *Environmental Protection Act 1986* (EP Act).

Before you submit this form, please check you have completed all the fields for the form type and fully prepared any required supporting documents (maps etc.). The Department of Water and Environmental Regulation (DWER) or Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) will return/decline any forms that are not correctly completed.

To find out more about the stages of assessment for clearing permit forms, see the *Procedure: Native vegetation clearing permits*.

Part 1 – Form type

Select your form type. **Note**: Where appropriate in this form, and unless stated otherwise, the terms 'application' and 'applicant' also mean 'referral' and 'referrer' respectively.	☐ Referral of proposed clearing (section 51DA of the EP Act) ☐ Application for an area permit (section 51E of the EP Act) ☒ Application for a purpose permit (section 51E of the EP Act)

Which department are you submitting this form to? If the clearing is for mineral and petroleum activities authorised under the *Mining Act 1978*, the various petroleum Acts, and/or a State Agreement with areas covered by either mineral or petroleum tenure granted under one of the abovementioned Acts, select 'Department of Energy, Mines, Industry Regulation and Safety'. For all other clearing activities, select 'Department of Water and Environmental Regulation'.	☒ Department of Energy, Mines, Industry Regulation and Safety ☐ Department of Water and Environmental Regulation

Part 2 – Applicant details

2.1 Applicant name

For area permits: If granted, the name(s) of (all) landowner(s) will be listed as 'permit holders' on the permit. **For purpose permits:** If granted, the name(s) of (all) applicant(s) will go on the permit.	☐ Applying as an individual – complete the following:

Title	☐ Mr ☐ Mrs ☐ Ms ☐ Other:	
Name(s)		

☒ Applying as a body corporate or other entity formed at law – complete the following:

Name	Lake MacLeod Pty Ltd
Australian Company Number (ACN)	94 670 992 060

☐ Applying as a government entity (e.g. government department, local government authority, or other statutory body)

Name	

2.2 Applicant contact details

Provide the contact details for the above (primary contact).

[redacted]

2.3 Applicant contact postal details

Provide the postal address for the above individual, body corporate or local government authority (primary contact).

[redacted]

[redacted]

2.4 Applicant contact – registered business address

If applying as a company, incorporated body, local government authority or public authority, please also supply the registered business office address.

[redacted]

2.5 Electronic correspondence consent

DWER/DEMIRS prefer to send all correspondence via email. We request that you consent to receiving all correspondence relating to instruments and notices under Part V of the EP Act via email. Please indicate your consent in this section of the form.

I consent that all written correspondence between myself (the applicant) and DWER/DEMIRS (as applicable) about the subject of this form will be exclusively via email, using the email address provided above.	☒ Yes ☐ No

2.6 Contact details for enquiries

If different from the applicant's contact details, enter the contact details of a person with whom DWER/DEMIRS should liaise with (e.g. a consultant).

Same as applicant's contact details	☐ Yes ☒ No

If 'No' – complete the following:

[redacted]

[redacted]

Part 3 – Land details

- You must accurately describe the location of the land where your clearing is proposed.
- Provide copies of associated documents registered against the Certificate of Title (limitations, interests, encumbrances or notifications) where the clearing may impact them (i.e. caveats within freehold Lots).
- If you have a large number of properties, please provide the relevant details for each property in a separately attached supporting document.

I have a large number of properties and have given the relevant details in an attached supporting document.	☐ Yes – skip to Part 4 ☒ No

If 'No' – complete the following:

Land description Provide the following details, as applicable, for all properties: – volume and folio number – lot or location number(s) – crown lease or reserve number – pastoral lease number – mining tenement number	Mineral Lease 245SA (AML 70/245) Miscellaneous Lease (L09/10) Miscellaneous Lease (L09/11) Miscellaneous Lease (L09/18)		
Street address – Line 1	Lake MacLeod Solar Salt Project		
Street address – Line 2	Blowholes Road		
Suburb	Carnarvon		
State	WA	Postcode	6701
Local government area(s)	Shire of Carnarvon		
Land zoning	Pastoral Station		

Part 4 – Relationship to landowner

Tell us which of the following options best describes you as the person completing and submitting this form. If you are filling out this form on behalf of the applicant, answer this question as though you are the applicant.

Proof of ownership may include:

- a certificate of title
- a pastoral or mining lease
- public authority that has care, control or management of the land
- other form of lease, land tenure or specific arrangement.

Relationship to landowner **(select one of the following options)**	**Complete the following**
☒ I am the landowner	☒ Attach proof of ownership
☐ I am lodging a form on behalf of the landowner (e.g. a consultant)	☐ Attach proof of ownership
☐ I am acting on the landowner's behalf and will be jointly responsible for the clearing permit (i.e. joint form)	☐ Attach proof of ownership ☐ Attach a letter, in which the landowner authorises you to act on their behalf and acknowledge they will be jointly responsible for the clearing permit
☐ I am likely to become the landowner	☐ Attach evidence of the pending transfer of ownership, including details of current proprietor on certificate of title, and/or contract of sale ('offer and acceptance')
☐ I will undertake the clearing activities with the landowner's authority and will be the permit holder	☐ Attach proof of ownership ☐ Attach a letter, in which the landowner authorises you to access and clear native vegetation within the property(ies) as detailed in section 3.1 (if the applicant is not the landowner)
☐ I am a person with multiple land parcels within which clearing is proposed	☐ Attach proof of ownership and/or ☐ Attach letters, in which the landowner authorises you to access and clear native vegetation within the properties as detailed in section 3.1 (if the applicant is not the landowner)
☐ I will undertake the clearing activities through the exercise of power conferred by different legislation (e.g. the *Energy Operators (Powers) Act 1979*)	☐ Provide relevant legislative details:

Part 5 – Proposed clearing

5.1 Maps and/or spatial data

Select which map type(s) you will attach with your form. Note: DWER/DEMIRS will decline/return forms (as applicable) if you do not provide sufficient information for this question.	☒ An ESRI shapefile with the following properties (preferred) • Geometry type: polygon shape • Coordinate system: Geocentric Datum of Australia (GDA) 2020 (geographic latitude/longitude) • Datum: GDA 2020 ☒ An aerial photograph or map with a north arrow, clearly marking the proposed clearing area Note: • An ESRI shapefile must use one of the following filename extensions: .shp, .shx, .dbf, and/or .prj • You must provide an ESRI shapefile if the form requires an assessment under an *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) accredited process. See Part 8 of this form for more information.

5.2 Size

- If you propose to clear a patch(es) of vegetation, enter a hectare value for the total size of the area (mark number of trees as zero). For example, “clearing of 5 hectares”.
- If you propose to clear only individual trees (i.e. the shrubs, grasses, groundcover plants will remain intact), provide the number of trees. For example, “clearing of 10 trees”. If any shrubs, grasses, and/or groundcover plants **may** be damaged in the clearing process, enter the total area only.
- If you propose to clear an area of native vegetation within a larger footprint, enter the hectare value for the total size of the area to be cleared (mark number of trees as zero) and the size of the footprint. For example, 5 hectares of clearing within a 10-hectare footprint. This option is only available for purpose permit applications.
- Enter values for **both** number of trees and the size of the area **only if** you are clearing individual trees in one area **and** a patch of vegetation in a different area.
- Please note the following area conversions/calculations:

1 hectare = 10,000 m^2	Area of circle = 3.14 x $radius^2$
1 acre = 0.4 hectares/4,000 m^2	Area of a rectangle = length x width
1 tree = 0.01 hectares/100 m^2	Area of a triangle = ½ length x perpendicular height

Total area of clearing proposed (hectares)	**160 hectares**
Footprint of clearing (hectares) (purpose permit only)	**365 hectares**
Number of individual trees to be cleared	**N/A**

Note: Calculate the area of a tree based on the area encompassed by the tree’s drip line; that being the outermost circumference of the tree’s canopy.

5.3 Purpose

Provide the reason for proposed clearing (e.g. road construction, grazing and pasture, hazard reduction, horticulture, timber harvesting etc.). If applicable, provide any additional project overview or explain in detail the activities on the property (e.g. provide context of work proposed and describe how clearing will contribute to overall work activities onsite etc.).	The Lake MacLeod Solar Salt operation (Lake MacLeod) was purchased by Leichhardt Industrials Group (Leichhardt) from Dampier Salt Limited (DSL) in December of 2024. Leichhardt is in the process of increasing production at the operation and has been determined that a new crystalliser field is required within the lakebed and a new flood levee to the north of the operation to protect the crystalliser fields from flood events. The location of these new areas has been chosen using the mitigation hierarchy to ensure that they do not impact on any native vegetation areas within the lake itself, however, to construct them, suitable material is required from undisturbed areas outside of the lake. Additionally, the project has a significant network of gravel haul roads used to cart products to the port at Cape Cuvier. These roads require re-sheeting to bring them back to a suitable standard and will then require minor re-sheeting on an annual basis to maintain them. This material is also required from undisturbed areas. There are also three minor areas requiring new disturbances for maintenance access and safety improvements to existing traffic intersections. **Borrow Pit 11** – Material from Borrow Pit 11 will be utilised for expansion construction activities within the Lakebed including new crystallisers and flood levee. The total area of 22.94ha will be used for this purpose. **Borrow Pit 12** – Is the largest of the Borrow Pit application areas and will be used for a combination of expansion construction activities as well as ongoing routine road maintenance. A total of 92ha of clearing is anticipated within this borrow pit, 20ha for expansion construction activities and 72ha for ongoing routine road maintenance activities. **Borrow Pit 13** – This borrow pit is to provide routine road maintenance material for the gypsum haul road. The total area of 33.4ha will be used for this purpose. **Water Dam** – The purpose of clearing within this area is to upgrade and improve the access road around the dam to provide safe access

	for routine maintenance activities. A total of 1.5ha will be used for this purpose. **RM 1** – Clearing within this area is to improve the safety of the intersection and install a safe turnaround location for heavy vehicles. A total of 1.8ha will be used for this purpose. **RM 2** – Clearing within this area is to improve the safety of the intersection. A total of 7.8ha will be used for this purpose. *Note - It is important to note that Borrow Pit 12 in this application is referred to as Borrow Pit 10 in the supporting flora and fauna survey report document that is provided with the application.*
Specify what the final land use will be after clearing	**Borrow Pits** - Will be rehabilitated following the extraction of the borrowed material and the final land use will be grazing for pastoral purposes. **Water Dam Access** – Will be used for an access track around the water dam for routine maintenance and cleaning of the dam. **Road Maintenance Areas** – These will become new intersections.

5.4 Method

Proposed method of clearing (i.e. burning, cutting, draining, flooding, grazing, mechanical clearing/bulldozing or other – specify)	Mechanical clearing using a bulldozer and excavator.

5.5 Timeframe

Period within which you propose to do the clearing (e.g. 1/7/2022 to 30/8/2024)	Start date: February 2026 End date: February 2031

Note: The clearing referral process is not suitable for any clearing that is expected to take longer than two years.

5.6 Pre-application scoping

Historic clearing of native vegetation in the Swan Coastal Plain and Avon Wheatbelt Interim Biogeographic Regionalisation for Australia (IBRA) bioregions has been extensive. DWER/DEMIRS strongly recommends a pre-application meeting if you propose to clear native vegetation within these bioregions.

Do you propose to clear native vegetation within	☐ Yes – complete section below

the Swan Coastal Plain or Avon Wheatbelt bioregions?	☐ I have had a pre-application meeting with DWER/DEMIRS Insert date of meeting and officer name(s): ☐ I have contacted DWER/DEMIRS in relation to a pre-application meeting and been advised that a meeting is unnecessary in this case. Insert date of conversation and officer name(s): ☐ I have not had a pre-application meeting with DWER/DEMIRS. I understand that this may increase the likelihood of requests for further information and/or delays in assessment. ☒ No – proceed to next question.

Part 6 – Mitigation hierarchy

6.1 Avoidance and mitigation

Explain how you have, or will, put avoidance and mitigation measures in place to eliminate, reduce, or otherwise mitigate the need for and scale of the proposed clearing of native vegetation.

Attach supporting documents to substantiate your explanation.

Your explanation should demonstrate you have planned the project so that the least clearing possible is to be undertaken. The following questions may help you frame your explanation:

- Why did you select this location and amount of clearing?
- What alternatives to clearing – e.g. engineering solutions – did you consider? (Attach design drawings where applicable)
- What changes, if any, did you make to the location or amount of clearing to reduce the impacts of the clearing?

Note: If you do not demonstrate adequate efforts to avoid and mitigate clearing, DWER/DEMIRS will ask you to do so during the validation of this application. Offsets will only be considered by DWER/DEMIRS as a last resort, once avoidance and minimisation measures have been clearly demonstrated.

Provide the avoidance details (e.g. retention of vegetation on property)	In February of 2025, GHD was engaged to complete a high-level options assessment to assist with determining the best location of the new crystalliser field. While engineering considerations were a critical component of this assessment the mitigation hierarchy for environmental impacts was also a key component of the decision-making process. Some of the early and most preferred designs from an engineering perspective were located to the southwest of the

	existing fields within the bitterns holding pond, however due to their direct impact on the native vegetation in the area these were discounted. The new infrastructure was instead located in areas of the lake that are void of vegetation. In May of 2025, Onshore Environmental Consultants conducted a reconnaissance flora and vegetation survey and basic vertebrate fauna survey on all the proposed disturbance areas within this permit application. This survey identified a few Priority 1 and Priority 3 flora species within the footprint of Borrow Pit 13. A 40m buffer has been applied around each of these with effort being made to ensure they remain connected to the remnant vegetation and are not isolated in pockets.
Provide the mitigation details (e.g. management of weed spread, rehabilitation)	The borrow material will only be ustilised in the Lake MacLeod Solar Salt Project footprint on existing haul roads and for the construction of a new crystalliser field and flood levee minimising the risk of spreading any weeds. Topsoil will be harvested and stockpiled adjacent to the borrow pit so that it can be reinstated during rehabilitation, once the borrow pit is closed. Topsoil from the other smaller disturbance areas will also be stockpiled and utilised for rehabilitation purposes.

6.2 Offsets

Do you want to submit a clearing offset proposal with your form?	☐ Yes ☒ No
If 'Yes' – please complete and attach Appendix A of the *Clearing of native vegetation offsets procedure* guideline as a supporting document for your form.	☐ Appendix A attached

Part 7 – Surveys for assessments (IBSA and IMSA)

Do you want to submit marine or biodiversity surveys in support of your form?	☒ Yes ☐ No – skip to Part 8

7.1 Biodiversity surveys

If you want to submit any biodiversity surveys to support this form, you must follow the Environmental Protection Authority's (EPA) *Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments* (IBSA). If you do not meet the IBSA requirements, DWER/DEMIRS will decline/return your form.

Please provide the IBSA number(s) – or submission number(s) if the IBSA number has not yet been issued – in the space provided. Note that a submission number is not confirmation that a biodiversity survey has been accepted and is not the same as an IBSA number. IBSA numbers are only issued once a survey has been accepted. Once an IBSA number is issued, please notify DWER/DEMIRS. Please note DWER/DEMIRS will suspend the assessment timeframes for your application until you provide the IBSA number(s).

Have you submitted all the biodiversity surveys that support this form to the Index of Biodiversity Surveys for Assessment?	☒ Yes ☐ Not applicable