

Technical Memorandum

13 September 2022

1. Introduction

Albemarle Lithium Pty Ltd (Albemarle) proposes to develop approximately 65.1 ha of land immediately north of the Albemarle's lithium processing plant (the Plant), within Part Lot 254 on Plan 416516, Wellesley (the Site), referred to as the Kemerton Construction and Logistics Materials Management Yard (the Proposal). This Site will be developed for the purposes of providing temporary laydown and administration buildings to support the construction of Trains 3 and 4 (K3 and K4) at the Plant.

An application to clear native vegetation for this Proposal was referred to the Department of Water and Environmental Regulation (DWER) for assessment, CPS 9713/1. DWER requested additional information for CPS 9713/1, 8/07/2022.

1.1 Purpose of this Memorandum

The purpose of this Memorandum is to provide information regarding additional Black Cockatoo foraging habitat assessment undertaken in response to DWER requested additional information for CPS 9713/1, 8/07/2022.

1.2 Scope and limitations

This technical memorandum has been prepared by GHD for Albemarle Lithium Pty Ltd. It is not prepared as, and is not represented to be, a deliverable suitable for reliance by any person for any purpose. It is not intended for circulation or incorporation into other documents. The matters discussed in this memorandum are limited to those specifically detailed in the memorandum and are subject to any limitations or assumptions specially set out.

GHD has prepared this memorandum on the basis of information provided by the Client and others who provided information to GHD (which may also include Government authorities), which GHD has not independently verified or checked for the purpose of this memorandum. GHD does not accept liability in connection with such unverified information, including errors and omissions in the memorandum which were caused by errors or omissions in that information.

This Technical Memorandum is provided as an interim output under our agreement with Albemarle Lithium Pty Ltd. It is provided to foster discussion in relation to technical matters associated with the project and should not be relied upon in any way.

2. Black Cockatoo foraging habitat assessment

A fauna survey was completed in January 2022 and reported the location and nature of Black Cockatoo foraging evidence.

GHD Pty Ltd (GHD) engaged a fauna subconsultant (Greg Harewood) to undertake a second Black Cockatoo foraging habitat assessment on 31 July 2022, in accordance with the 2022 Commonwealth *Referral guideline for 3 WA Threatened black cockatoo species*. The survey assessed potential foraging habitat within the original NVCP application area.

The NVCP application area was assessed for evidence of Black Cockatoo foraging debris and habitat suitability based on the following:

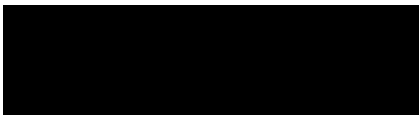
- Good – High density and range of favoured species (marri jarrah banksia pines)
- Moderate – Presence of some favoured species but density not high
- Low/negligible – Favoured species absent or widely scattered/occasional with limited variety (i.e. only one two favoured species).

The evidence of Black Cockatoo foraging debris and habitat types is shown in Figure 1 (Attachment 1).

Based on the findings of the July 2022 survey Greg Harewood provided the following observations:

- *Main foraging resources is limited to Jarrah which is represented by widely spaced/scattered regrowth specimens. Many areas contain no Jarrah at all. Jarrah is a relatively small fruited species so effort for reward is low (compared to Marri for example) and overall resource is therefore small.*
- *Other favoured foraging species (i.e. Marri, Banksia and pine) totally absent or only represented by a very small number of specimens.*
- *Grasstrees (regrowth) are relatively common but do not represent a favoured resource and therefore do not contribute to the value of the area to any significant degree.*

Regards



Attachment 1

Figure

