



Government of **Western Australia**  
Department of **Water and Environmental Regulation**

Your ref: PA21/1002  
Our ref: RF10038-02 PA 45372  
Enquiries: Mark Hingston

Shire of Serpentine Jarrahdale  
6 Paterson Street  
Mundijong, WA 6123

Attention: Ryan Fleming

Dear Ryan

**Lot 14 Nettleton Road, Karrakup – Proposed Groundwater Extraction and Storage**

Thank you for providing the development application for the proposed Groundwater Extraction and Storage at Lot 14 Nettleton Road, Karrakup for the Department of Water and Environmental Regulation (the Department) to consider.

The Department has identified that the development proposal has the potential to impact on water resource values and/or management. While the Department does not object to the proposal key issues and recommendations are provided below, and these matters should be addressed.

**Issue: Groundwater Advice**

The subject property is located within the Karri Groundwater Area. This groundwater area is not proclaimed under the *Rights in Water and Irrigation Act 1914*, thereby any groundwater abstraction is not required to be licenced by the Department. The proponent should be made aware that the nature of the groundwater resource is highly variable, thus locating a viable source for substantial use may be difficult.

**Issue: Native Vegetation Advice**

Under section 51C of the *Environmental Protection Act 1986* (EP Act), clearing of native vegetation is an offence unless undertaken under the authority of a clearing permit, or the clearing is subject to an exemption. Exemptions for clearing that are a requirement of written law, or authorised under certain statutory processes, are contained in Schedule 6 of the EP Act. Exemptions for low impact routine land management practices outside of environmentally sensitive areas (ESAs) are contained in the

*Environmental Protection (Clearing of Native Vegetation) Regulations 2004* (the Clearing Regulations).

Based on the information provided, it is not clear whether the proposal requires the clearing of native vegetation. If any clearing is proposed please contact DWER's Native Vegetation Regulation section by email (admin.nvp@dwer.wa.gov.au) or by telephone (6364 7098).

**Issue: Waste Management  
Advice**

Based on the information provided it is not clear whether the proposal will produce waste materials, specifically wastewater from the groundwater filtration process. If the filtration process is to produce wastewater the Department recommends that a condition of approval be that a Wastewater Management Plan for the proposed groundwater extraction and storage at the property be submitted by the applicant and approved by the Shire of Serpentine Jarrahdale. The Wastewater Management Plan should include,

- Description of filtration process
- Hours of operation
- Volume of wastewater produced
- Quality of wastewater
- Method of disposal

In the event there are modifications to the proposal that may have implications on aspects of environment and/or water management, the Department should be notified to enable the implications to be assessed.

If you have any queries relating to the above matter please contact Mark Hingston at the Department's Mandurah office on 9550 4209.

Yours sincerely



Jane Sturgess  
Acting Program Manager – Planning Advice  
Kwinana Peel Region

27 / 10 / 2021