

Council

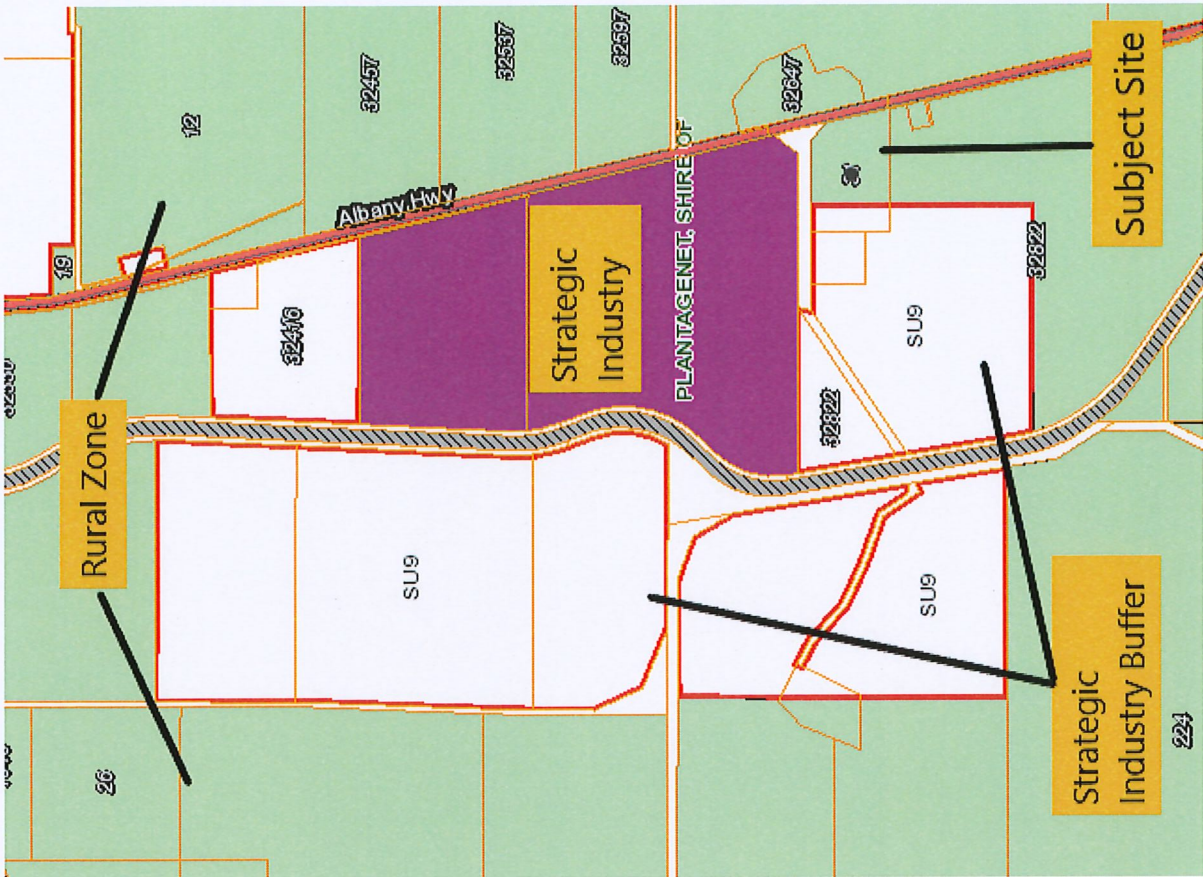
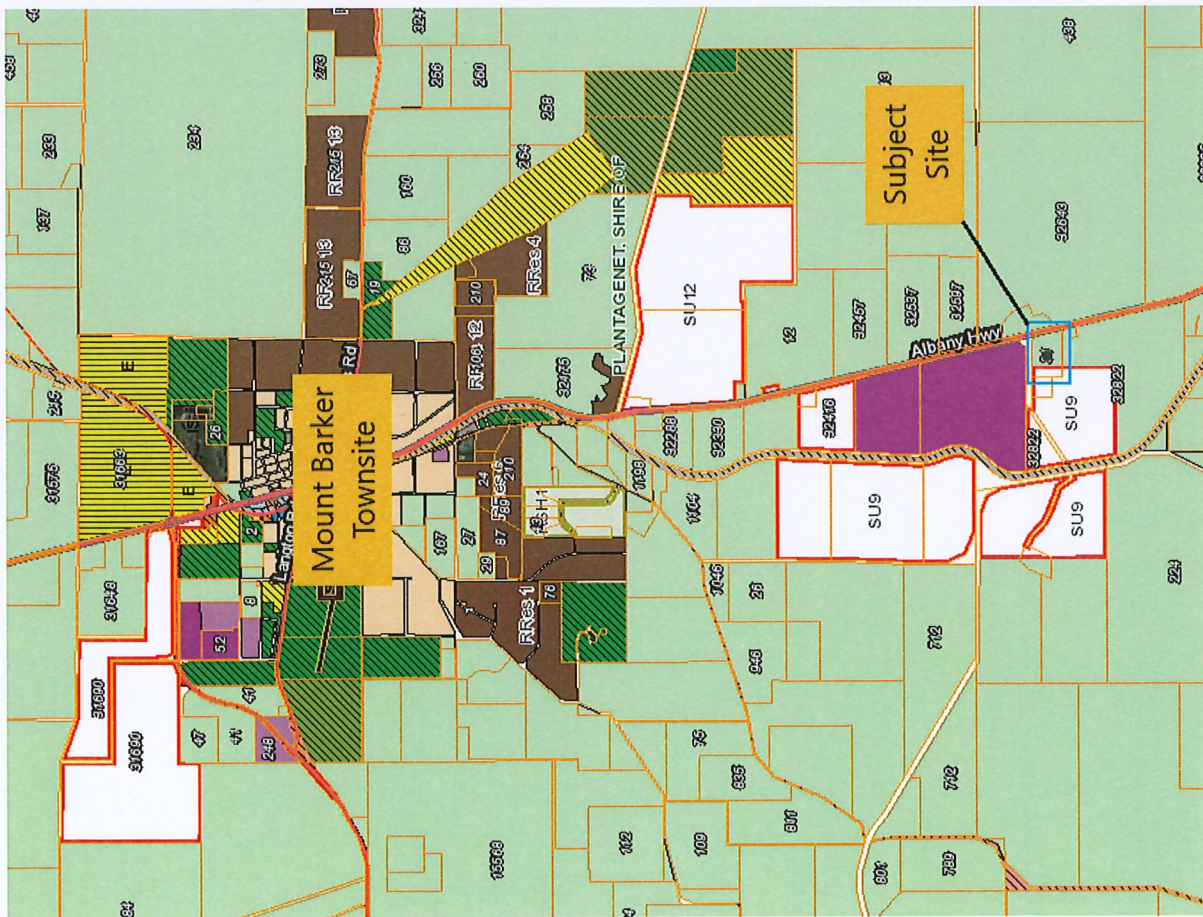
INDUSTRY EXTRACTIVE – LOT 198 (31)
YERRIMINUP ROAD, NARRIKUP

Location Map
Additional Information
Site Plan
Summary of Submissions

Meeting Date: 26 September 2023

Number of Pages: 11

Location Map- Lot 198 (31) Yerriminup Road, Narrikup



ADDITIONAL INFORMATION

APPLICATION FOR EXTRACTIVE INDUSTRIES LICENCE (SAND)

LOT 198 (#31) YERRIMINUP ROAD

NARRIKUP

SHIRE OF PLANTAGENET

- Proposal to apply for an Extractive Industries Licence (Sand).
- **PLAN:**
 - Plan attached showing Area A and Area B.
 - Area A is a legacy extraction area, becoming exhausted and to be rehabilitated upon completion.
 - Area B is proposed only, with nil excavation having been carried out. Area is mostly cleared. No clearing permit required.
 - Plan indicates dimensions and areas of sections (A- 18,030m² and B- 11,270m²), proposed depth of excavation, buildings, contours, accessways, gates, dams and datum.
 - Section dimensions can be amended if required to satisfy environmental setbacks, including any water bodies, waterways, vegetation etc.
- **WORKS / EXCAVATION PROGRAM:**
 - Proposed works is for sand extraction (There will be no refining or grinding).
 - Expected duration 5-10 years.
 - Only 1 stage proposed being remainder of Area A and Area B.
 - Method of extraction to be conventional machinery, front end loader/truck movement.
 - Depth to be approximately 5m, subject to future excavation investigation, and to be above the 1 in 100 (1%) exceedance probability flood level.
 - Overburden removal to be minimal (shallow topsoil), to be stored onsite/perimeter, and upstream of catchment area.
 - Access to site to be via Yerriminup Road, utilizing existing crossovers.
 - Yerriminup Rd / Albany Highway intersection provides good sight visibility for safe ingress and egress to Yerriminup Rd.
 - Truck sizes to be 10m³-15m³, truck movements variable approx. 1 to 5 daily.
 - There are no buildings or plants proposed (No refining or grinding).
 - Drainage to be onsite infiltration.
 - Existing residence in close proximity approximately 400m to 500m from site (South of Watermans Rd).
 - Sand drift/nuisance expected to be minimal in this rural area. Site vegetation / buffer to be preserved.
 - Noise/nuisance expected to be minimal, similar if not less than existing main roads traffic.
 - Existing site vegetation to be preserved. No other environmental issues expected within areas A and B.
 - Visual impact also is minimal as within rural area and with surrounding vegetation screening.

- **REHABILITATION / DECOMMISSIONING:**

- Objective of the program is to extract sand from the sites, and to rehabilitate to an extent which will allow for the future / next use.
 - Restoration and reinstalment will most likely be undertaken upon exhaustion of the sites. There may be some progression towards this if pit design allows.
 - Face batters to be kept at safe slopes. Depths not expected to result in steep inclines.
 - Topsoil will be reinstated from the available stored onsite, also offsite. Clean sand fill to be deposited progressively, sourced from various sites. This can be from numerous excavation / development contracts where excessive 'cut' becomes available.
 - Finished land surface to be similar to existing natural levels. Fill to be contoured to achieve a comparable and practical land area.
 - Revegetation to be endemic species, to be restored to original standard, as was, prior to sand removal.
 - No buildings and plant will be required to be removed.
- Datum peg has been identified onsite.
 - Licensed Surveyors Certificate included on plan.
 - No Land Use Planning Approvals required.
 - No Environmental Approvals required.
 - No Geotechnical Information available.
 - Owners have signed Application Form.
 - No Notice of clearing required.
 - Plan contours provided at AHD (Australian Height Datum).



I John Kinnear certify that the plan, and the datum points (and their relative positions) are a correct representation, undertaken for the purpose of this plan

2023.06.29
 10:51:12 +08:00
 Date
 Licensed Surveyor



Scale 1:2000 (A3)

	Extraction area
	Access track
	Lot Boundary
	Dams
	Powerlines

EXTRACTIVE LICENSE AREA	
LOT 198, YERRIMINUP ROAD	
SHIRE OF PLANTAGENET	
NOTE: DISTANCES & AREAS SUBJECT TO SURVEY	Date: June 2023
	DWG G727

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 ABN 43 094 659 473
 EMAIL: jka@jka.com

Summary of Submissions

Adjoining Landowner Comments

R & M
Parsons
32872
Albany
Highway,
Mount Barker

Dear André Pinto,

We the undersigned have no objection to [the] extractive industry proposal as outlined.

Referral Agency Comments

Department of
Biodiversity,
Conservation
& Attraction
(DBCA)

Good afternoon Andre

Thank you for your email regarding development application for an Extractive Industry at the above location. Parks and Wildlife Service submit the following comments.

There should be no water run-off impacting Lake Kokokup from the extraction site.

Providing all regulatory requirements are met, the department has no objections to this proposal.

If you would like to discuss the recommendations, please contact Peter Bamess on 9771 7988.

Kind regards
Lil

Lily Simpson
Personal Assistant to Tim Foley
A/Regional Manager, Warren Region
Parks and Wildlife Service
Phone: 97 717 957
Email: lily.simpson@dbca.wa.gov.au

Good afternoon

Mains Roads
WA

	<p>Main Roads has no particular objection to the proposed development.</p> <p>We would make the following observations:</p> <ol style="list-style-type: none"> 1. Access to Albany Highway from the property will not be considered under any circumstances 2. Yerriminup Road is not currently part of any Restricted Access Vehicle (RAV) network <p>Regards</p> <p>Seb Harris NETWORK OPERATIONS OFFICER Regional Management & Operations Directorate / Great Southern Region</p> <p>Your ref: P722</p> <p>Our ref: PA058041 DWERT1063-3~5</p> <p>Dear André</p> <p>Thank you for providing the Development Application for 'Industry – Extractive' at Lot 198 (31) Yerriminup Road, Narrikup to consider for the Department of Water and Environmental Regulation (Department) to consider.</p> <p>The Department has identified that the proposal has potential to impact on water resource values and/or management. Key issues and recommendations are provided below, and these matters must be addressed to the satisfaction of the Department:</p> <p>Clearing of Native Vegetation</p> <p>Under section 51C of the <i>Environmental Protection Act 1986</i> (EP Act), clearing of native vegetation is an offence unless:</p> <ul style="list-style-type: none"> • it is undertaken under the authority of a clearing permit • it is done after the person has received notice under Section 51DA(5) that a clearing permit is not required • the clearing is subject to an exemption <p>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 <i>Environmental Protection (Clearing of Native Vegetation) Regulations 2004</i> (the Clearing Regulations).</p>
<p>Department of Water & Environmental Regulation (DWER)</p>	

It is noted that the application states that existing site vegetation will be preserved under the proposed extraction. Should the proposed extractive activities require clearing of any native vegetation a clearing permit would likely be required, noting that exemptions do not apply.

The Department has not received a clearing permit application for this proposal. Application forms and additional information are available from [Native vegetation clearing permit forms](#) | [Western Australian Government \(www.wa.gov.au\)](#) Information regarding clearing permit fees can be found here: [Clearing fees – frequently asked questions](#) | [Western Australian Government \(www.wa.gov.au\)](#)

If further clarification is required, please contact the Department's Native Vegetation Regulation section by email (admin.nvp@dwer.wa.gov.au) or by telephone (6364 7098).

Surface water management

The subject land is within the Wilson Inlet management area declared under the *Waterways Conservation Act 1976*. The Department of Water and Environmental Regulation requires land uses to be managed so the waterway and its water quality are protected, as per the actions and advice below.

Lot 198 contains Kokokup Lake, a perennial wetland. The proposed extraction areas are within 70 m of the wetland. Advice should be sought from Department of Biodiversity Conservation and Attractions in relation to any separation distances or special measures applicable to the wetland.

A minor non-perennial waterway which is mapped as traversing the site and the proposed extraction area is potentially directly adjacent to riparian vegetation associated with the minor non-perennial waterway, as shown below.



It is recommended best practice is used within this proposal to protect water quality within the waterway and to prevent off-site impacts of the proposed extractive industry on water resources within the catchment.

WQPN 15 - Basic raw materials extraction (www.wa.gov.au) provides the following relevant recommendations which should be incorporated as conditions in the event of approval:

- BRM extraction should be above the 1 in 100 (1%) annual exceedance probability flood level.
- Areas prone to seasonal inundation or waterlogging should be avoided
- Adequate buffers between waterways and their foreshore areas should be maintained. Based on Operational policy 4.3 - Identifying and establishing waterways foreshore areas (www.wa.gov.au) this should be a minimum of 30m, measured separately for each bank of the waterway, outwards from the outer edge of riparian vegetation.
- Use existing roads and tracks to access the site where possible. Restrict access routes to the excavation area to the minimum necessary (i.e. the least possible creek crossings) and select these for the least impact (i.e. areas with minimum vegetation).
- Construct creek crossings in accordance with Building creek crossings (Department of Water 2010)

- Construct roads in accordance with [WQPN 44 - Roads near sensitive water resources \(www.wa.gov.au\)](http://www.wa.gov.au), including

- Perennial indigenous vegetation buffers should be retained or re-established between any roadway and sensitive water resources

Stockpiled materials

All stockpiled materials (including topsoil overburden) awaiting transport or held for rehabilitation should be located upstream in the catchment of turbidity control facilities.

Industry Regulation

Based on the information provided that no screening, refining or grinding of material will occur onsite, it is not considered the activity will cause the premises to become prescribed for the purposes of Part V Division 3 of the *Environmental Protection Act (EP Act)*.

Activities such as crushing and screening during extractive industry operations, may cause the premises to become prescribed for the purposes of Part V Division 3 of the *Environmental Protection Act (EP Act)*. This will occur if the proposed crushing and screening equipment has a design capacity (when operated 24/7 or at a capacity limited by a planning approval) that meets or exceeds the specified production or design capacity of the relevant category under Schedule 1 of the *Environmental Protection Regulations 1986*.

70 Screening, etc. of material: premises on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated	More than 5000 but less than 50000 tonnes per year
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Site closure and rehabilitation

The rehabilitation plan should include measures to prevent adverse environmental impacts such as erosion, silt deposition and turbidity in local waters and a re-contoured land surface and revegetation of disturbed soil suited to the next land use. The rehabilitation plan should detail the finished land surface profile and information on the types, sources and quantities of materials to be used.

The department does not generally support the creation of new water bodies and recommends that pits are backfilled with clean free draining material to a minimum of 0.5m, 1.0m and 1.5m above the maximum seasonal groundwater level for the proposed future land uses of pasture (where practical).

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.

Yours sincerely

Alison Vangel
Environmental Officer
Planning Advice, South Coast Region
Department of Water and Environmental Regulation
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