



Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 01:44:05PM, 31/01/2023

Receipt No:

ID No: 29831

Search Results

This response relates to a search request received for:

Koombana Dr
Bunbury, WA, 6230

Approximate spatial representation of Lot 969 on Deposited Plan 219765 as shown on certificate of title LR3116/707, known as Koombana Drive road reserve, Bunbury WA 6230

This parcel belongs to a site that contains 1 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address

Koombana Dr
Bunbury, WA, 6230

Approximate spatial representation of Lot 969 on Deposited Plan 219765 as shown on certificate of

Parcel Status

Classification: 21/01/2021 - Remediated for restricted use

Nature and Extent of Contamination:

Mineral sand tailings containing elevated levels of radionuclides were historically deposited at the site and remain present beneath a layer of uncontaminated soil of variable thickness across the site.

Restrictions on Use:

The land use of this site is restricted to its current use as a road reserve. The site should not be developed for a more sensitive use such as residential, childcare centres, kindergartens, pre-schools and primary schools, without further contamination assessment and/or remediation.

Reason for Classification:

This site was reported to the Department of Water and Environmental Regulation (the department) as per reporting obligations under section 11 of the 'Contaminated Sites Act 2003', which commenced on 1 December 2006. The site was first classified under section 13 of the Act in January 2010. A different classification was assigned under the Act in December 2011 following the submission of new information. The reasons for classification have been updated to take into account more recent information submitted to the department by December 2020.

This site was previously part of a larger site that was used for stockpiling and disposal of mineral sand tailings between the 1950s and 1990s. Minerals processing and extractive industries are land uses that have the potential to cause contamination as specified in the guideline 'Assessment and management of contaminated sites' (Department of Environment Regulation [DER], 2014).

Ground disturbance during the installation of traffic lights along Koombana Drive in late 2007 exposed mineral sand tailings beneath this site. A subsequent gamma radiation survey found elevated levels of gamma radiation present across an area that included Koombana Park (Lot 501 on Plan 410594), located adjacent to the west of this site. The majority of the impacted area was capped with uncontaminated soil in late 2008 and a gamma survey subsequently showed that levels of gamma radiation had reduced. Koombana Park has been classified separately under the Act.

Disclaimer

This Summary of Records has been prepared by Department of Water and Environmental Regulation (DWER) as a requirement of the Contaminated Sites Act 2003. DWER makes every effort to ensure the accuracy, currency and reliability of this information at the time it was prepared, however advises that due to the ability of contamination to potentially change in nature and extent over time, circumstances may have changed since the information was originally provided. Users must exercise their own skill and care when interpreting the information contained within this Summary of Records and, where applicable, obtain independent professional advice appropriate to their circumstances. In no event will DWER, its agents or employees be held responsible for any loss or damage arising from any use of or reliance on this information. Additionally, the Summary of Records must not be reproduced or supplied to third parties except in full and unabridged form.



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Radiological investigations and risk assessment carried out in 2015 and 2016, including an assessment of gamma radiation, radon and thoron gas levels, radiological dust levels and total radiation doses, found that the site does not pose an unacceptable risk to human health provided a cover of uncontaminated soil (or hardcover) is maintained to restrict access to any residual buried mineral sands residues.

Investigations and risk assessment works undertaken across the historic mineral sands disposal area (including Koombana Park) were the subject of an independent review by an accredited contaminated sites auditor (the auditor). The auditor's review is documented in a mandatory auditor's report (MAR) dated 15 November 2016. The MAR concluded that the site is suitable for its current use as a road reserve.

On 21 December 2016, the department received specialist advice from the Radiological Council of Western Australia (Radiological Council) who agreed with the conclusions in the MAR regarding radiological assessments of the site. In consultation with Radiological Council, the department accepted the findings of the MAR.

The site is contaminated and has been remediated such that it is suitable for the current land use, but may not be suitable for a more sensitive land use. Therefore, the site is classified as 'remediated for restricted use'.

The department, in consultation with the Department of Health (Radiation Council), has classified this site based on the information available to the department at the time of classification. It is acknowledged that the contamination status of the site may have changed since the information was collated and/or submitted to the department, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being, or is proposed to be abstracted, the department recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Other Relevant Information:

Additional information included herein is relevant to the contamination status of the site and includes the department's expectations for action that should be taken to address potential or actual contamination described in the Reasons for Classification.

Action Required:

Please refer to the Restrictions on Use applicable to the site.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this site has been classified as "remediated for restricted use". For further information on the contamination status of this site, please contact Contaminated Sites at the Department of Environment Regulation.

Current Regulatory Notice Issued

Type of Regulatory Notice: *Nil*

Date Issued: *Nil*

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General

No other information relating to this parcel.

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