



Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 11:25:35AM, 20/03/2024

Receipt No: RR038504

ID No: 79957

Search Results

This response relates to a search request received for:

Lot 10 On Deposited Plan 420603
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 | Lot 10 On Deposited Plan 420603 Bunbury, WA, 6230 |
| Lot on Plan Address | Lot 10 On Deposited Plan 420603 |
| Parcel Status | <p>Classification: 11/08/2021 - <i>Possibly contaminated - investigation required</i></p> <p>Nature and Extent of Contamination:</p> <p>Mineral sands concentrate has been spilled and/or dispersed on hardstand areas and the shoreline on the northern portion of the site.</p> <p>No known contamination is present on the southern portion of Lot 1034.</p> <p>Restrictions on Use:</p> <p>Please refer to Reasons for Classification for further information on the contamination present at the site.</p> <p>Reason for Classification:</p> <p>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' (the Act), which commenced on 1 December 2006. The site was first classified under section 13 of the Act based on information submitted to the department by May 2007. These reasons for classification have been updated to reflect additional information submitted to the department by December 2020.</p> <p>The site, comprising Lot 1034 Casuarina Drive, Bunbury, has been used as a port facility for the storage and handling of mineral sands (ilmenite and heavy mineral concentrate) for several decades. Port activities, and the storage of mineral concentrates 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, 2014).</p> <p>The site was reported due to the visible spillage of mineral sands concentrate onto unsealed areas adjacent to the mineral sands storage facilities located in the northern portion of the site.</p> <p>Port activities, including the storage and handling of mineral sands concentrates, have occurred on the northern portion of the site. The southern portion of Lot 1034 is public open space comprising</p> |

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.



Contaminated Sites Act 2003

Basic Summary of Records Search Response

Report generated at 11:25:35AM, 20/03/2024

beach areas and sand dunes.

In 2020, contamination assessments were carried out at the site to inform plans for a proposed waterfront development. This included a radiological survey due to the use of the site for mineral sands storage.

The investigations found that no potential contaminants of concern were identified above the relevant assessment levels in soil or groundwater on the southern portion of Lot 1034. However, the radiological survey carried out across the northern portion of Lot 1034 identified levels of gamma radiation above local background levels in an area south of the silos. The elevated radiation appears to be associated with deposits of accumulated mineral sands concentrate. The impacted area is located within the premises of the mineral sands storage facility and as such, public access is restricted.

An accredited contaminated sites auditor (the auditor) reviewed the investigations and risk assessment for the site. The auditor's findings are documented in voluntary auditor's reports dated 13 August 2020 and 17 December 2020. The department accepts the auditor's recommendation that substances present on the southern portion of Lot 1034 (outside the mineral sand storage premises and port facility) do not pose an unacceptable risk to human health, the environment or any environmental value, and is suitable for all land uses, including the proposed mixed-use waterfront development.

The Radiological Council of Western Australia (RCWA) provided advice to the department in relation to the radiation survey carried out on the northern portion of Lot 1034. RCWA noted that the northern portion of Lot 1034 within the Bunbury Outer Harbour is an active site regulated under the 'Radiation Safety Act 1975' and the 'Mines Safety and Inspection Act 1994' and as such, management, assessment and/or remediation of radiation risks is to be undertaken in accordance with those regulatory instruments.

As further investigation and human health risk assessment is required to appropriately assess the potential radiation risks on the northern portion of the site, the department cannot comment on the suitability of the northern portion of the site for any land use. It is noted that further assessment and remediation is likely to be undertaken at such time as the mineral sands storage is closed and decommissioned.

There are grounds to indicate possible contamination of the site, and contamination assessments to determine the risk to human health, the environment and environmental values has not been completed for the entire site. Therefore, the site is classified 'possibly contaminated - investigation required'.

When the results of further investigations are submitted to the department, these will be reviewed, and the site may be reclassified.

The department, in consultation with the Department of Health, 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.

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.



Contaminated Sites Act 2003 **Basic Summary of Records Search Response**

Report generated at 11:25:35AM, 20/03/2024

| | |
|---|---|
| | <p>Other Relevant Information:</p> <p>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.</p> <p>Action Required:</p> <p>Investigations, including radiological assessments, are required to determine the contamination status of the northern portion of the site. Investigations are to be carried out in accordance with the department's contaminated sites guidelines and the 'National Environment Protection (Assessment of Site Contamination) Measure 1999'. The northern portion of Lot 1034 is regulated under the 'Radiation Safety Act 1975' and the 'Mines Safety and Inspection Act 1994' and as such, the department expects that ongoing management, assessment and/or remediation of radiation risks will be undertaken in accordance with the requirements of those regulatory instruments.</p> |
| Certificate of Title Memorial | Under the Contaminated Sites Act 2003, this site has been classified "possibly contaminated - investigation required". For further information on the contamination status of this site, please contact Contaminated Sites at the Department of Water and Environmental Regulation. |
| Current Regulatory Notice Issued | <p>Type of Regulatory Notice: <i>Nil</i></p> <p>Date Issued: <i>Nil</i></p> |
| General | No other information relating to this parcel. |

Disclaimer

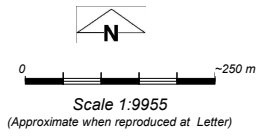
This Summary of Records has been prepared by Department of Water and Environmental Regulation (DWER) as a requirement of the Contaminated Sites Act 2003. DWER makes every effort to ensure the accuracy, currency and reliability of this information at the time it was prepared, however advises that due 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.

DMO 2066_Map



LEGEND

-  Road Centrelines
-  Cadastre
-  Local Government Authorities



Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Prepared by: shuttlec
 Prepared for:
 Date: 20/03/2024 11:28:08 AM

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.

