Contaminated Sites Act 2003
Basic Summary of Records Search Response


Search Results

This response relates to a search request received for:
Lot 700 On Plan 59305
Wagerup WA 6215

This parcel belongs to a site that contains 10 parcel(s).
According to Department of Environment Regulation records, this land has been reported as a known or suspected contaminated site.

<table>
<thead>
<tr>
<th>Address</th>
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<tbody>
<tr>
<td>Lot 700 On Plan 59305</td>
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<td>Wagerup WA 6215</td>
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<table>
<thead>
<tr>
<th>Parcel Status</th>
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<tbody>
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<td></td>
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<table>
<thead>
<tr>
<th>Classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/06/2006 - Contaminated • remediation required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nature and Extent of Contamination:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkalinity and a heavy metal are present in surface water and groundwater at elevated concentrations extending across the Site.</td>
</tr>
<tr>
<td>Total dissolved solids are present in groundwater at elevated concentrations extending across the Site.</td>
</tr>
<tr>
<td>Metals are present in surface water at elevated concentrations towards the south-west, and the centre of the Site.</td>
</tr>
<tr>
<td>A non-metallic halogen is present in surface water at elevated concentrations towards the south-west of the Site.</td>
</tr>
</tbody>
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<table>
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<tr>
<th>Restrictions on Use:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater abstraction is not permitted at this Site because of the nature and extent of groundwater contamination.</td>
</tr>
</tbody>
</table>

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<th>Reason for Classification:</th>
</tr>
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<tr>
<td>This Site was reported to the Department of Environment and Conservation (DEC) as per reporting obligations under section 11 of the 'Contaminated Sites Act 2003', which commenced on 1 December 2006. The Site classification is based on information submitted to DEC by 15 May 2007.</td>
</tr>
</tbody>
</table>

Disclaimer
This Summary of Records has been prepared by Department of Environment Regulation (DER) as a requirement of the Contaminated Sites Act 2003. DER 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 DER, 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.
The Site, an alumina refinery with an adjacent residue disposal area has been operating since 1984. The Site was reported because activities at the Site have the potential to cause contamination, as specified in the guideline 'Potentially Contaminating Activities, Industries and Landuses' (Department of Environment, 2004).

The Site is a prescribed premise within Schedule 1 of the Environmental Protection Regulations 1987 and is licensed under the Environmental Protection Act 1986. The refinery operations and the disposal of residue at the Site have resulted in contamination of surface water and groundwater in the vicinity of the refinery and residue disposal area.

Groundwater monitoring has been carried out at the Site since 1995. The latest groundwater monitoring report (September 2006) indicates contaminated plumes of alkalinity, total dissolved solids and iron extends across the Site; isolated pockets of metal and chloride contamination also occur in close proximity to the alumina refinery and residue disposal area.

The assessment found that surface water and groundwater at the Site have elevated concentrations of one or more of the following: alkalinity, total dissolved solids, metals and chloride, exceeding long-term Irrigation Guidelines and/or Livestock Drinking Water Guidelines, as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003) and Australian and New Zealand Guidelines for Fresh and marine Water Quality (ANZECC, 2000), respectively. The extent of the contamination requires full delineation.

Soil investigations have not been carried out and the quality of soil at the Site is unknown.

A Screening Risk Assessment has demonstrated that untreated groundwater at the Site is unsuitable for potable and non-potable uses such as irrigation, and remediation is required to mitigate potential risks to human health, the environment and/or any environmental value. In accordance with the Licence conditions, groundwater is subject to ongoing monitoring, with results reported to DEC on an annual basis.

Active remediation of groundwater by abstraction is currently occurring at the Site.

As the Site has been shown to be contaminated, and remediation is in progress to reduce unacceptable risks to human health, the environment or any environmental value to acceptable levels, the Site is classified as 'contaminated - remediation required'.

Based on the information available to the Contaminated Sites Branch, and consistent with historical advice from DEC, the Site is suitable for the current industrial land use, but it may not be suitable for more sensitive land uses such as residential housing or day care centres.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will trigger the need for further investigations and risk assessment should the Site be...
proposed for a more sensitive land use.

DEC has classified this Site based on the information available to DEC 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 DEC, 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 DEC recommends that periodic analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Under the Contaminated Sites Act 2003, this site has been classified as "Contaminated - remediation required". An instrument affecting land which comprises all, or part of, this site will not be registered or accepted for registration, unless the CEO of the Department of Environment & Conservation consents to the registration in writing. For further information on the contamination status of this site, or this restriction, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Type of Regulatory Notice: Nil

Date Issued: Nil

No other information relating to this parcel.

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This response relates to a search request received for:
205 Somers Rd
Wagerup WA 6215
This parcel belongs to a site that contains 10 parcel(s).

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

Address
205 Somers Rd
Wagerup WA 6215

Lot on Plan Address
Lot 205 On Plan 34250

Classification:
12/06/2006 - Contaminated - remediation required

Nature and Extent of Contamination:
Alkalinity and a heavy metal are present in surface water and groundwater at elevated concentrations extending across the Site.

Total dissolved solids are present in groundwater at elevated concentrations extending across the Site.

Metals are present in surface water at elevated concentrations towards the south-west, and the centre of the Site.

A non-metallic halogen is present in surface water at elevated concentrations towards the south-west of the Site.

Restrictions on Use:
Groundwater abstraction is not permitted at this Site because of the nature and extent of groundwater contamination.

Reason for Classification:
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| Certificate of Title Notional |
| Current Regulatory Notice Issued |
| General |

No other information relating to this parcel.

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