

Appendix L – Basic Summary of Records



Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 08:04:55AM, 28/07/2022

Receipt No:

ID No: 13544

Search Results

This response relates to a search request received for:

Carlisle, WA, 6101

Approximate spatial representation of section of railway reserve, part Lot 9003 on Deposited Plan 67766 as shown on certificate of title 2774/271, at the intersection of Mint Street, Archer Street and Rutland Avenue, Carlisle WA 6101

This parcel belongs to a site that contains 6 parcel(s).

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

Address

Carlisle, WA, 6101

Approximate spatial representation of section of railway reserve, part Lot 9003 on Deposited Plan 67766 as shown on certificate of title 2774/271, at the intersection of Mint Street, Archer Street and

Parcel Status

Classification: 11/05/2007 - Contaminated - remediation required

Nature and Extent of Contamination:

A dissolved hydrocarbon plume extends from the source parcel of the Site (166 Rutland Ave, Carlisle) to the northwest. The plume extends beneath Archer St, 3 Archer St, 1 Archer St, Rutland Ave, the Railway Reserve and East Vic Park Primary School.

Restrictions on Use:

Groundwater abstraction is not permitted at the source or affected parcels of the Site because of the nature and extent of groundwater contamination.

Reason for Classification:

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 March 2007.

The source parcel of the Site (166 Rutland Avenue) has historically been used as a service station, a land use that has the potential to cause contamination, as specified in the guideline 'Potentially Contaminating Activities, Industries and Landuses' (Department of Environment, 2004).

Several investigation reports have been prepared since 2001. Hydrocarbons (such as from petrol) were present in soils at concentrations exceeding Ecological Investigation Levels and Health Based Investigation Levels for residential land use as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment 2003).

Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site and all service station infrastructure has been removed. Validation sampling indicated that all identified hydrocarbon impacted soil had been successfully remediated.

Hydrocarbons (such as from petrol) were present in groundwater at concentrations exceeding Australian Drinking Water Guidelines as published in 'Assessment Levels for Soil, Sediment and

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Water' (Department of Environment, 2003) over the period 2002 to 2006.

Further groundwater investigations are required to delineate the lateral and vertical extent of the off-Site groundwater impact. An Intermediate Risk Assessment has demonstrated that the contamination present on the source parcel of the Site does not pose an unacceptable risk to human health based on the source parcel of the Site being used as a day care centre for up to 12 hours per day. However, there has been no assessment of the risks from the groundwater impacts to the affected parcels of Site.

Based on the information provided, the source parcel of the Site is suitable for use as a day care centre for up to 12 hours per day as long as groundwater is not abstracted.

As remedial works are in progress but not yet completed, the Site is classified as "contaminated - remediation required".

When the results of further groundwater investigations are submitted to DEC, these will be reviewed and the Site may be reclassified.

Groundwater abstraction is not permitted at the source or affected parcels of the Site because of the nature and extent of groundwater contamination.

DEC has classified this Site based on the information available to the 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 submitted to DEC, and as such, the usefulness of this information may be limited.

Certificate of Title Memorial

Nil

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil
Date Issued: Nil

General

No other information relating to this parcel.

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