

EA0540\_C23\_Stage 2 Code Amendment June 2024

25 June 2024

**Daniel Govier** Senior Development Manager Cedar Woods Pty Ltd 220 Fullarton Road, Glenside, South Australia 5065

#### Stage 2 Audit Requirements Glenside Urban Corridor (Living) Code Amendment

On 18 December 2019, I completed a Site Contamination Audit (the Audit) for the Glenside development site (EPA Ref 61790-002), with the Site Contamination Audit Report and the Site Contamination Audit Statement (SCAS) accepted by the EPA. For convenience I attach a copy of the SCAS as Attachment 1

Since that time a significant part of the site has been developed for residential use consistent with the outcomes signed off by the audit.

The audit outcome for this part of the site (known as Audit Stage 2) was that the whole Stage 2 area (Refer Attachment 2) was suitable for the following range of uses, including:

- Sensitive use residential with garden/accessible soil (home grown produce <10% fruit and • vegetable intake, no poultry.
- Sensitive use residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments.
- Sensitive use childcare centres, kindergartens, preschools and primary schools.
- Public open space, such as parks, playgrounds, playing fields (e.g. ovals), secondary schools and footpaths.
- Commercial use such as shops, offices, consulting rooms, petrol filling stations and • warehouses.
- Industrial use such as light, service, general or special industry.

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The suitability was based on the following audit condition:

 The site must be developed as per the pattern of use on the following plan: Alexander Symonds. Stage 2 Glenside Development Plan, A040916 Stage 2 Rev A. Any substantial changes to the plan must be approved by a Site Contamination Auditor and the revised plan provided to the EPA, City of Burnside, Development Assessment Commission and land owners.

There is part of the Stage 2 audit sign off area, yet undeveloped where a code amendment is being sort to increase the number of stories in the development. I have been provided a copy of the code amendment which includes a description and indicative renders of the development.

Based on my review of the code amendment, I advise that the proposed changes are consistent with the pattern of use considered in the audit. Therefore, this audit condition would remain satisfied and the original audit would be valid.

Should you have any questions regarding the above, please do not hesitate to contact me on (08) 8223 3488.

Yours faithfully,

Map Hel

Phillip Hitchcock

*Site Contamination Auditor (accredited pursuant to Division 4 of Part 10A of the Environment Protection Act 1993, No. 2009014)* 

DOCUMENT CONTROL	
Draft By / Date	Reviewed By / Date
PWH/ 21 June 2024	LH/ 25 June 2024

#### Attachments

Attachment 1 – Site Contamination Audit Statement Attachment 2 – Stage 2 Audit Area

Attachments



#### Attachment 1 – Site Contamination Audit Statement

## SITE CONTAMINATION AUDIT SYSTEM SITE CONTAMINATION AUDIT STATEMENT

#### INSTRUCTIONS



Requirements relating to site contamination audit statements are prescribed in the *Environment Protection Regulations 2009* (the Regulations) and include the following:

#### Regulation 67—Site contamination audit report summary and statement

- (1) A site contamination audit report required under section 103Z(4)(a) and (b)(i) of the Act<sup>1</sup> must include a summary of the findings of the site contamination audit to which it relates that—
  - (a) is in the form set out in Schedule 3 clause 8 for site contamination audit statements; and
  - (b) is certified by the responsible auditor in accordance with the directions contained in the form set out in Schedule 3 clause 8.
- (2) A site contamination audit statement required under section 103Z(4)(b)(ii) of the Act in relation to a site contamination audit must comprise—
  - (a) a copy of the summary in the site contamination audit report relating to the audit and itself be certified by the responsible auditor in accordance with the directions contained in the form set out in Schedule 3 clause 8; or
  - (b) a photocopy, faxed copy or electronic copy of the summary as certified by the responsible auditor in accordance with the directions contained in the form set out in Schedule 3 clause 8.

Audit reports and audit statements are required to be provided to the EPA under section 103Z(4) of the Act, which requires that:

#### 103Z—Requirements relating to site contamination audits

- (4) A site contamination auditor must, on the completion of each site contamination audit for which the auditor is the responsible auditor—
  - (a) provide a site contamination audit report to the person who commissioned the audit; and
  - (b) at the same time, provide-
    - (i) a site contamination audit report to the Authority; and
    - (ii) a site contamination audit statement to the council for the area in which the land to which the audit relates is situated and any prescribed body<sup>2</sup>.

Penalty: Division 5 fine.

Where the audit subject to this form has been completed subject to a restricted scope, the audit report must be identified in the title as a 'Site contamination audit report (restricted scope)'.

An audit subject to a restricted scope is not suitable to be relied upon by a planning authority for the purpose of making decisions as to whether land is suitable for a sensitive use or another use or range of uses.

Please ensure that all sections of the form are completed, requested information and attachments (where necessary) are provided and labelled as indicated.

Please do not modify the form by moving or deleting sections or text, including these instructions.

Please ensure you are using the current version of the form (check the EPA website).

<sup>&</sup>lt;sup>1</sup> Environment Protection Act 1993.

<sup>&</sup>lt;sup>2</sup> Refer to Regulation 68 of the Environment Protection Regulations 2009 regarding prescribed bodies.

Refer to the current version of the EPA publication *Guidelines for the site contamination audit system*, for further information. For any enquiries or questions relating to the site contamination audit system, including requests for editable versions of this form, contact the EPA Site Contamination Branch.

## Site contamination audit statements must be included in the relevant site contamination audit reports, and be sent to:

#### By mail

Manager, Site Contamination Branch Environment Protection Authority GPO Box 2607 Adelaide SA 5001

Forms can also be emailed in pdf format to the Manager and an auditor's allocated EPA coordinator.

For any enquiries or questions relating to the site contamination audit system, contact the EPA Site Contamination Branch on:

Telephone: (08) 8204 2004

Email: < EPAsitecontam@sa.gov.au>

#### EPA GENI Reference

(EPA use only)

#### SITE CONTAMINATION AUDIT STATEMENT

(under section 103Z of the Environment Protection Act 1993)

This statement contains the summary of the findings of the site contamination audit set out in the site contamination audit report titled:

## Site Contamination Audit Report Stage 2, Glenside Hospital Redevelopment, Fullarton Road, Glenside, South Australia

(referred to in this form as '*the report*')

dated: 18 December 2019

SECTION A: AUDITOR DETAILS		
Name of auditor*:	Mr. Phillip Hitchcock	
Auditor's accreditation number:	2009014	
Name of auditor's company or business:	Australian Environmental Auditors Pty Ltd	
SECTION B: AUDIT SITE DETAILS		
Auditor's project reference:	EA0540	
EPA reference:	61790	
Name of audit site [ <i>if applicable</i> ]:	NA	
Address of audit site:	Stage 2 Glenside Hospital Redevelopment, Fullarton Road, Glenside	
Name of council for area in which audit site is situated [ <i>if within council area</i> ]:	City of Burnside	
Provide the following particulars** relating to the relevant land and the audit:		
** If insufficient space, details may be annexed to this form.		
- certificates of title of all the relevant	Certificate of Title Volume 6177 Folio 363 (whole of title)	
land and an indication of whether the audit site comprises <b>all or part only</b>	Certificate of Title Volume 5842 Folio 241 (whole of title)	
of the land shown on or described in the certificates of title	Certificate of Title Volume 6222 Folio 964 (whole of title)	
<ul> <li>details sufficient to identify the location of the land, including section</li> </ul>	Deposited Plan 112804, Allotment 100, Hundred of Adelaide (whole of allotment)	
or allotment numbers, area and hundred and AMG co-ordinates (GDA 94, UTM 53 and 54)	Deposited Plan 55725, Allotment 739, Hundred of Adelaide (whole of allotment)	
(,,	Deposited Plan 120710, Allotment 1000, Hundred of Adelaide (whole of allotment)	
	Please refer to <b>Annexure B.</b>	

<ul> <li>if the audit site comprises part only of the land described in the certificates of title, or if there is no certificate of title for the land comprising the audit site— survey plans prepared by a licensed surveyor</li> </ul>	NA
<ul> <li>audit plans indicating the location and guidelines issued by the EPA from time</li> </ul>	extent of the audit site (which must comply with the e to time) - Refer to <i>Annexure C</i>
SECTION C: AUDIT DETAILS	
Name of owner of audit site:	Cedar Woods Properties Limited (Registered Proprietor Zamia Properties Pty Ltd)
Name of occupier of audit site:	Cedar Woods Properties Limited (Registered Proprietor Zamia Properties Pty Ltd)
Name, postal address and position of person	Mr. Mark Pivovaroff,
who commissioned audit:	Senior Development Manager – Cedar Woods Properties Limited
	220 Fullarton Road, Glenside, South Australia 5065
Indicate authority of person who commissioned audit:	EPA Yes □ No ⊠ Owner Yes ⊠ No □
	Occupier Yes 🛛 No 🗌
	Developer Yes 🛛 No 🗌
	Other [please specify]
Indicate reasons for audit [indicate all	Required under the Development Act 1993
reasons]:	Yes 🛛 No 🗌
	Required under the Environment Protection Act 1993
	Yes 🗌 No 🖂
	Other [ <i>please specify</i> ]
If audit was required under the Environment Protection Act 1993, provide EPA reference number:	N/A
Indicate audit purposes [ <i>indicate all purposes</i> ]:	Determining the nature and extent of any site contamination present or remaining on or below the surface of the site
	Yes 🖂 No 🗌
	Determining the suitability of the site for a sensitive use or another use or range of uses
	Yes 🖂 No 🗌
	Determining what remediation is or remains necessary for a specified use or range of uses
	Yes 🖾 No 🗌

[NB: an audit may be required for all of the above purposes.]	
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If audit was required for development plan consent under the Development Act 1993, provide:

Name of relevant planning authority:	Development Assessment Commission	
Development application number [if known]:	180/1107/16	
Site zoning:	Urban Corridor zone within the City of Burnside Council Development Plan, dated 19 December 2017	
Proposed site use:	Mixed medium to high density residential use, parks and open garden.	

Date of commencement of audit:	12 April 2017
Date of notification of commencement of audit to EPA:	21 April 2017
Date of completion of audit:	18 December 2019

#### SUMMARY OF FINDINGS

#### Please refer to Annexure A.

#### **CERTIFICATION OF COPY OF SUMMARY FINDINGS**

I certify that the summary of findings contained within or annexed to this statement represents a true and accurate summary of the findings of the site contamination audit set out in the report.

of Apl

Signed\*:

Phillip Hitchcock Site Contamination Auditor, accredited by the Environment Protection Authority (EPA) under Division 4 of Part 10A of the Environment Protection Act, 1993 Australian Environmental Auditors Pty Ltd

Dated: 18 December 2019

\* This form must be completed and signed by the 'responsible auditor', being, under the Environment Protection Act 1993 and the Environment Protection Regulations 2009, the auditor who personally carried out or directly supervised the work involved in the audit.

This site contamination audit statement must be lodged, on completion of the audit, with the council for the area in which the audit site is situated and any prescribed body (see regulation 68 of the Environment Protection Regulations 2009).

The report (including the summary of findings) will be recorded in the public register kept by the EPA under section 109 of the Environment Protection Act 1993.

Form current as at December 2015 AEA Ref: EA0540 61790\_SCAS\_002

## Annexure A

#### **SUMMARY OF FINDINGS**

#### **1. CONCEPTUAL SITE MODEL**

The development of the conceptual site model (CSM) has been prepared in consideration of the complexity of contamination issues at the Site and recommendations provided in the following guidelines:

- ASC NEPM, Schedule B(2);
- ASTM International, Standard Guide for Developing Conceptual Site Models for Contaminated Sites, 2008, ASTM E1689-95; and
- SA EPA, Guidelines for the Assessment and Remediation of Site Contamination (2018).

**Table 1** presents the Auditor's summary of the CSM based on both information provided by theConsultant and some minor information gaps filled by the Auditor as necessary.

Table 1: Conceptual Site Model		
CSM Aspect	Summary of Information Provided	
Source		
Known and potential sources of contamination	On site: Known and potential sources and their location are detailed in the Site Contamination Audit Report (SCAR). The primary potential sources of contamination are activities associated with the historical disposal, storage and combustion of fuel, importation and/or re-use of fill and historical use of asbestos as building materials.	
	Off site: Known sources are detailed in the SCAR. The primary potential off-site source of contamination is the historical disposal, storage and combustion of fuel, importation and/or re-use of fill and historical use of asbestos as building materials.	
Mechanisms of contamination	The most likely mechanism for contamination from disposal, storage and combustion of fuel is 'top down' spills. The most likely mechanism for contamination from imported fill and pesticides/termiticides is dry weight and leachable contaminants.	
	The most likely mechanism from off-site contamination to impact the Site is from migration of contaminated groundwater to the Site.	
Chemical of concern/interest	On site: Potential chemical substances of concern are detailed in the SCAR. The primary substances of concern are petroleum hydrocarbons, metals, PAHs, OCPs and asbestos.	
	Off site: Potential off-site chemical substances of concern are detailed in the SCAR. The primary substances of concern are petroleum hydrocarbons, metals, PAHs, asbestos and OCPs.	
Types of	Solid phase: Particles of contaminants such as ash, cinders and asbestos.	
contaminant	Sorbed phase: Contaminants sorbed onto soil particles are anticipated such as heavy metals pesticides and hydrocarbons.	
	Dissolved phase: Contaminants dissolved in groundwater are anticipated, particularly heavy metals, inorganics and hydrocarbons.	
	<u>Free phase</u> : Contaminants present in soil and/or porosity as non-aqueous phase liquid (NAPL) in above and within groundwater, particularly hydrocarbons.	
	Vapour phase: Contaminants as vapour in soil, particularly hydrocarbons and potential landfill gases.	

Table 1: Conceptual Site Model		
CSM Aspect	Summary of Information Provided	
Nature of chemical substances	<u>Mobility</u> : Heavy metals cannot be readily degraded (discounted oxidation states) and exist in either mobile or immobile forms (primarily adsorption and precipitation) within the soil matrix. They are normally retained in the soil surface as long as the retention capacity of the soil is not exceeded. The retention is governed by soil properties which include pH, redox potential, surface area, organic and clay content, CEC and carbonate levels.	
	Metals, once in the aqueous phase of soils, are subject to movement with porewater, and may be transported through the vadose zone to groundwater, plant uptake or for some metals (arsenic, selenium, mercury) volatilisation mechanisms.	
	The mobility and rate of degradation of hydrocarbons depend on the size and structure of the hydrocarbon molecule, but in general, light end hydrocarbons are relatively mobile and heavy end hydrocarbons are less mobile.	
	<u>Persistence</u> : The more volatile components (i.e. TPH C6-C9) are generally more soluble and therefore have a lower adsorption and higher mobility. They are also readily available for biodegradation. The opposite is true for the heavier components (i.e. TPH C10-C36) which can persist in the environment for a much longer period.	
	<u>Toxicity</u> : The toxicity of chemical substances varies depending on the contaminant, exposure pathway and sensitivity of the receptor. Concentrations were initially compared to published investigation criteria which take into consideration toxicity.	
	<u>Volatility</u> : Volatility is particularly a concern for short chained hydrocarbons compounds (i.e. TPH C6- C9). The volatility of contaminants has been taken into consideration when assessing the suitability of Consultants' sampling plans. The risk from volatile contaminants was initially compared to ASC NEPM HSLs which take into consideration contaminant volatility.	
Potentially affected element of	Based on the audit purpose, the Auditor considers the potentially affected elements of the environment include:	
environment	<ul> <li>land (soil, sediment and soil vapour);</li> </ul>	
	• air, particularly contaminated dust, asbestos fibres and emissions from volatile contaminants;	
	<ul> <li>water, specifically surface water bodies and groundwater;</li> </ul>	
	organisms;	
	ecosystems;	
	human-made or modified structures or areas; and	
	amenity values (e.g. odour, aesthetics).	
Potentially affected media	Based on the potential chemical substances of concern and site setting, the Auditor considers the potentially affected media to be soil and groundwater.	
Receptor		
Human (on site)	Construction workers associated with the proposed development.	
	Future users of the Site including residents, visitors and construction/maintenance workers (particularly those associated with underground services).	
Human (off site)	Residents and visitors to neighbouring residential properties.	
	Workers and visitors to neighbouring commercial/industrial properties.	
	Possible off-site groundwater users of the uppermost aquifer were identified as those extracting groundwater for potable, recreational or domestic irrigation purposes.	

Table 1: Conceptual Si	te Model
CSM Aspect	Summary of Information Provided
Ecological (on site)	There are no significant environmental receptors on site, aside from the current stormwater drain and proposed stormwater detention basin in the north western portion of the Site, which runs into Parklands Creek.
Ecological (off site)	The Auditor generally considers that the ecological receptor of most concern is the nearest surface water body that receives groundwater and/or surface water run-off from the Site. The closest permanent watercourse is Parklands Creek which continues from the north west corner of Stage 2 through the southern parklands and Glen Osmond Creek located 1 km south west of the Site. Both the Parklands Creek and Glen Osmond Creek connect to Keswick Creek.
Pathway	
Unsaturated zone pathway characteristics (soil)	<u>Regional geology</u> : The 1:250,000 Adelaide geological map (SA Dept. of Mines & Energy) indicated that the Site is situated in an area characterised by the Pooraka Formation. The Pooraka formation comprises alluvial/colluvial clays with varying amounts of sand and silt.
	Site geology: Locally, the near surface geology beneath the Site generally comprised fill material 0.5 to 1 mbgl, but deeper >2 m in localised areas. The fill comprised sandy silty gravelly clayey material with inclusions of ash and other anthropogenic inclusions. Natural soils were predominantly clays.
	<u>Preferential pathways</u> : Migration along underground services are the primary preferential pathway for contaminant migration in the unsaturated zone. Given the clayey soil and depth to groundwater (approximately 5.5 to 7.5 mbgl) migration of spills and leaks directly through soils to groundwater is considered an unlikely contaminant pathway.
Saturated zone pathway	<u>Elevation</u> : Standing water level in the shallow aquifer is approximately 5.5 to 7.5 mbgl, equating to approximately 58 to 65 m Australian Height Datum (AHD) across the entire Site.
characteristics (groundwater)	Flow direction: Local flow direction of groundwater beneath the Site is north westerly, which is consistent with regional flow (see flow contours in SCAR).
	<u>Gradients</u> : Very low. Approximately 0.008 to 0.02 m/m to the north west.
	Hydraulic conductivities, porosities and velocity: Not required.
	Aquitards and deeper aquifers: No driver to investigate deeper aquifers has been identified as part of the Audit.
	<u>Preferential pathways</u> : Preferential pathways may exist within the water bearing zone within porous lithologies that are present (i.e. gravelly/sand lenses).
Pathways (Human	Ingestion – soil: Potentially complete pathway on site.
Health)	<u>Ingestion – groundwater</u> : Unlikely to be a complete pathway on site based on the beneficial use assessment. Potentially complete pathway at surface water bodies.
	<u>Dermal contact – soil</u> : Same as Ingestion – soil.
	<u>Dermal contact – groundwater</u> : Unlikely to be a complete pathway on site based on the beneficial use assessment. Potentially complete pathway at surface water bodies.
	<u>Inhalation – dust</u> : Potentially complete pathway on site during construction and to a lesser degree off site.
	Inhalation – volatilisation: Complete pathway on site and off site.
Pathways	Migration into on-site ecological receptors: Potentially complete pathway.
(Ecological)	<u>Leaching into groundwater</u> : Potentially complete pathway from contaminated soils leaching into groundwater. Leaching results indicate contaminants to be relatively immobile.
	Off-site migration in groundwater: Potentially complete pathway.

Table 1: Conceptual Site Model		
CSM Aspect	Summary of Information Provided	
	Off-site migration in surface water: Potentially complete pathway. Migration into off-site ecological receptors: Potentially complete pathway.	
Additional Information	on	
Data gaps in CSM refinements	No major data gaps identified that would alter the audit outcomes.	
Written presentation of CSM (illustrated if necessary)	A CSM has been provided as <b>Annexure D</b> .	
Auditor's comment	The Auditor has reviewed the CSM information provided in the Consultants' Reports against the requirements detailed in SA EPA Guidelines, Section 4 of Schedule B(2) of the ASC NEPM and ASTM Standard Guide for Development Conceptual Site Models for Contaminated Sites (E1689, 2014). The Auditor considers that enough information has been provided to define a conceptual site model for the Site for the audit purposes.	

#### 2. AUDIT DETERMINATIONS AND OUTCOMES

The Site has been used as a hospital facility since 1870, originally consisting of one building surrounded by agricultural land. Agricultural production ceased between 1968 and 1975 and since then additional buildings have been constructed, and demolished over time. The current site configuration includes four remaining heritage buildings (refer to Attachment 1) and a newly constructed show room / office, which will be demolished prior to completion of the development.

The proposed use of the Site is townhouses, apartments, under croft carparking, public open space, stormwater detention basin and internal roads. The proposed Site is conservatively considered to represent 'sensitive use – residential with garden/accessible soil (home-grown produce <10% fruit and vegetable intake, no poultry), also includes children's day care centres, preschools and primary schools' and therefore the Site needs to comply with ASC NEPM HIL A. It is considered that within the road corridors commercial /industrial criteria (HIL D and HSL D) are appropriate.

The Auditor considers that the Site has been adequately assessed by Tierra (most recently). Based on the extent of the investigations and adequacy, quality and completeness of these works, the Auditor considers that there is minimal uncertainty regarding the assessments completed at the Site.

The following provides an assessment of the audit outcomes against the audit objectives:

• Section 3(1), b, i: 'The nature and extent of any site contamination present or remaining on or below the surface of the site.'

The Auditor concludes that site contamination of soil does exist at the site for the proposed use.

The Auditor concludes that site contamination of groundwater does not exist at the Site.

The Auditor concludes that site contamination of soil vapour does not exist at the Site.

The Auditor concludes that site contamination via off site migration or any other relevant elements does not exist.

The Auditor concludes that the nature and extent of site contamination at the Site has been adequately determined.

• Section 3(1), b, ii: 'The suitability of the site for a sensitive use or another use or range of uses.'

The audit site is suitable for the following sensitive uses or another use or range of uses, including:

- a. Sensitive use residential with garden/accessible soil (home grown produce <10% fruit and vegetable intake, no poultry.
- Sensitive use residential with minimal opportunities for soil access; includes dwellings with fully and permanently paved yard space such as high-rise buildings and apartments
- c. Sensitive use childcare centres, kindergartens, preschools and primary schools
- d. Public open space such as parks, playgrounds, playing fields (eg ovals), secondary schools and footpaths
- e. Commercial use such as shops, offices, consulting rooms, petrol filling stations and warehouses
- f. Industrial use such as light, service, general or special industry

The audit site is therefore also suitable for the proposed residential use with conditions on land.

 Section 3(1), b, iii: 'What remediation is or remains necessary for a specific use or range of uses.'

The Auditor concludes that remediation in the form of management is necessary for the proposed residential use of the site. These measures are detailed in the following soil management plans (attached as **Annexure E**):

- Tierra Environment (2019) Glenside Redevelopment Stage 2, Soil Management Plan for Road Reserve near 805 Reserve, Revision B. Dated 27 November 2019; and
- Tierra Environment (2019) Glenside Redevelopment Stage 2, Soil Management Plan for Stockpiles 1 to 3, Revision B. Dated 26 November 2019.

It is noted that these plans only relate to bulk subdivision earthworks and have no ongoing post occupancy requirements. These only apply to roads and apartment areas.

#### 3. AUDIT CONDITIONS AND RECOMMENDATIONS

#### a. Audit Conditions

- i. Planning and Development
- 1. The site must be developed as per the pattern of use on the following plan (Refer **Annexure F**):

Alexander Symonds. Stage 2 Glenside Development Plan, A040916 Stage 2 Rev A

Any substantial changes to the plan must be approved by a Site Contamination Auditor and the revised plan provided to the EPA, City of Burnside, Development Assessment Commission and land owners.

- ii. Remediation and Management
  - 2. Management measures only apply to the proposed apartments and roads and must be implemented as outlined in the soil management plans, provided in Annexure E:
    - a. Tierra Environment (2019h) Glenside Redevelopment Stage 2, Soil Management Plan for Road Reserve near 805 Reserve, Revision D. Dated 27 November 2019; and
    - b. Tierra Environment (2019i) Glenside Redevelopment Stage 2, Soil Management Plan for Stockpiles 1 to 3, Revision B. Dated 26 November 2019.
  - 3. A Site Contamination Auditor must verify that these plans have been implemented and verification provided to the EPA, City of Burnside, Development Assessment Commission and land owners.
- iii. Environmental Monitoring

There are no conditions relating to environmental monitoring.

iv. Water Restrictions

There are no conditions relating to water restrictions.

v. Other

There are no other conditions.

#### b. Recommendations to the EPA in relation to Groundwater Extraction

Nil.

#### c. Other Recommendations

The Auditor makes the following recommendations:

- There should be no abstraction of site groundwater for any beneficial uses, unless the groundwater has been tested and shown to be safe and suitable for the proposed uses. Reference should be made to SA Health Publications on guidance for using bore water
- Bulk earthworks comprising excavation and recompaction of all filling is proposed at this site for geotechnical reasons. Due to this it is possible that some unexpected finds may be encountered. These are unlikely to present a risk but if encountered a suitably qualified environmental consultant (refer to EPA publications: *Site contamination policy: certification of practioners*, July 2018 and EPA information sheet: *Site contamination consultant*, July 2018) should be contacted to advise.
- Any soil/fill imported to the Site should be classified as meeting the chemical and physical criteria for 'Waste Fill' as defined in the Environment Protection Regulations, 2009;
- Any soil/fill exported from the Site, should be appropriately disposed of in accordance with EPA guidelines; and
- Following submission of this SCAR/SCAS, the SA EPA will aim to complete an administrative review to ensure compliance with the relevant legislation and guidelines within 21 days of receipt. It is understood that the planning authority and the site owner can rely on this SCAR/SCAS during this period.

#### d. Concluding Advice

The Auditor advises that all owners of the Site (both current and future) should be made aware of the above audit determinations, outcomes and recommendations.

## Annexure B

#### CERTIFICATES OF TITLE:

Certificate of Title Volume 6177 Folio 363 (whole of title) Certificate of Title Volume 5842 Folio 241 (whole of title) Certificate of Title Volume 6222 Folio 964 (whole of title)



REAL PROPERTY ACT, 1886

South Australia

The Registrar-General certifies that this Title Register Search displays the records maintained in the Register Book and other notations at the time of searching.



## Certificate of Title - Volume 5842 Folio 241

Parent Title(s) CR 5412/612

Creating Dealing(s) RTD 8955031, RLG 9005706

Title Issued

07/03/2001 Edition 4

Edition Issued

19/07/2017

#### Estate Type

FEE SIMPLE

#### **Registered Proprietor**

ZAMIA PROPERTY PTY. LTD. (ACN: 105 654 564) OF CARE CEDAR WOODS PROPERTIES LTD GROUND FLOOR 50 COLIN STREET WEST PERTH WA 6005

## **Description of Land**

ALLOTMENT 739 DEPOSITED PLAN 55725 IN THE AREA NAMED GLENSIDE HUNDRED OF ADELAIDE

#### Easements

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED A TO THE COUNCIL FOR THE AREA (LAND GRANT VOL. 4402 FOLIO 794)

## **Schedule of Dealings**

Dealing Number	Description
12753779	ENCUMBRANCE TO MINISTER FOR MENTAL HEALTH AND SUBSTANCE ABUSE
12753780	AGREEMENT UNDER DEVELOPMENT ACT, 1993 PURSUANT TO SECTION 57(1)
12753781	MORTGAGE TO ANZ FIDUCIARY SERVICES PTY. LTD. (ACN: 100 709 493)

#### **Notations**

Dealings Affecting Title	NIL	
Priority Notices	NIL	
Notations on Plan	NIL	
Registrar-General's Notes		
AMENDMENT TO DIAGRAM VID	DE 446/20	

AMENDMENT TO DIAGRAM VIDE 446/2001 APPROVED FX42940

Administrative Interests NIL



Register Search (CT 5842/241) 21/03/2019 05:00PM ae0540 20190321010569

\* Asterisk denotes PIECE identifier only.







61790\_SCAS\_002





REAL PROPERTY ACT, 1886

South Australia

The Registrar-General certifies that this Title Register Search displays the records maintained in the Register Book and other notations at the time of searching.



## **Certificate of Title - Volume 6177 Folio 363**

Parent Title(s)

Creating Dealing(s) RTU 12522746

19/07/2016

CT 6147/488

Edition Issued

19/07/2017

#### Estate Type

FEE SIMPLE

Title Issued

#### **Registered Proprietor**

ZAMIA PROPERTY PTY. LTD. (ACN: 105 654 564) OF CARE CEDAR WOODS PROPERTIES LTD GROUND FLOOR 50 COLIN STREET WEST PERTH WA 6005

Edition 2

#### **Description of Land**

ALLOTMENT 100 DEPOSITED PLAN 112804 IN THE AREA NAMED GLENSIDE HUNDRED OF ADELAIDE

#### Easements

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED B ON D112804 TO SOUTH AUSTRALIAN WATER CORPORATION (RLG 11040080)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED C ON D112804 TO THE COUNCIL FOR THE AREA (LAND GRANT VOL. 4398 FOLIO 986)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED E ON D112804 TO SOUTH AUSTRALIAN WATER CORPORATION (LAND GRANT VOL. 4402 FOLIO 419)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED K ON D112804 TO THE COUNCIL FOR THE AREA (LAND GRANT VOL. 4402 FOLIO 418)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED L ON D112804 TO THE COUNCIL FOR THE AREA (LAND GRANT VOL. 4402 FOLIO 794)

## **Schedule of Dealings**

Dealing Number	Description
12753779	ENCUMBRANCE TO MINISTER FOR MENTAL HEALTH AND SUBSTANCE ABUSE
12753780	AGREEMENT UNDER DEVELOPMENT ACT, 1993 PURSUANT TO SECTION 57(1)
12753781	MORTGAGE TO ANZ FIDUCIARY SERVICES PTY. LTD. (ACN: 100 709 493)

#### Notations

Dealings Affecting Title	NIL
Priority Notices	NIL
Notations on Plan	NIL



Product Date/Time Customer Reference Order ID Register Search (CT 6177/363) 21/03/2019 04:57PM ae0540 20190321010537

#### Registrar-General's Notes NIL

#### **Administrative Interests**

CONFIRMED IN SA HERITAGE REGISTER 21/11/1985 CONFIRMED IN SA HERITAGE REGISTER 23/09/1982 CONFIRMED IN SA HERITAGE REGISTER 25/07/1980 CONFIRMED IN SA HERITAGE REGISTER 12/10/1995 CONFIRMED IN SA HERITAGE REGISTER 19/10/2009

PURPOS	BE:	DIVISION			AREA NAME:		GLENSID	E				RE-APPRC GARY WOOD 28/06/2016	
MAP REI	=:	6628/42/Q			COUNCIL:		CITY OF	BURNSIDE				20/00/2010	
												DEPOSITE	
LAST PL	AN:				DEVELOPMEN	IT NO:						DEAN WATSC 28/06/2016	N
AGENT		FYFE PTY LTD LEVEL 3, 80 FLINDEF ADELAIDE SA 5000 PH: 82019600 FAX: 82019650 ALRF	RS STREET		SURVEYORS CERTIFICATIC	)N⊡	supervisio	ark Phillips , a lice on and in accorda of June 2016 Per	ance with the Su	urvey Act 1992	2. 2) That the fie		
REFERE		18494/12/5DC6-R4											
PREFIX CT	T TITLE D VOLUM 6147	E FOLIO OTHER 488	PARCE ALLOTM			NUM 4005	BER	PLAN D	NUMBER 82174	HUNDREI ADELAIDE	) / IA / DIVI	SION	TC
СТ	6147	489	ALLOTM	ENT(S)		4006		D	82174	ADELAIDE			
OTHER -	TITLES AF	FECTED:											
EASEME	NT DETA	ILS:											
STATUS		LAND BURDENED	FORM	CATEGORY		NTIFIE	R	PURPOSE			IN FAVOU		
EXISTING		100	LONG	EASEMENT(S)	В						SOUTH AUS	TRALIAN WATE	:R
EXISTING		100	LONG	EASEMENT(S)	E						SOUTH AUS	ralian wate	ΞR
EXISTING		100	LONG	EASEMENT(S)	С						THE COUNC	IL FOR THE AF	٤E
EXISTING		100	LONG	EASEMENT(S)	L						THE COUNC	IL FOR THE AF	₹Ε
EXISTING		100.101	LONG	EASEMENT(S)	К						THE COUNC	IL FOR THE AF	₹E

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made from surveys carried out by me or under my personal npleted on the 18th day of March 2016							
OWN	REFERENCE NUMBER						
R CORPORATIO	CREATION DN RLG 11040080						
R CORPORATIO	ON LAND GRANT VOL 4402 FOLIO 419						
ĒĂ	LAND GRANT VOL 4398 FOLIO 986						
ĒA	LAND GRANT VOL 4402 FOLIO 794						
ĒA	LAND GRANT VOL 4402 FOLIO 418						

EASEMENT DET STATUS	TAILS: LAND BURDENED	FORM	CATEGORY	IDENTIFIER	PURPOSE	IN FAVOUR OF
EXISTING	101	SERVICE	EASEMENT(S)	D(T/F)	FOR ELECTRICITY SUPPLY PURPOSES	DISTRIBUTION LESSOR CO TO LEASE 8890000)
ANNOTATIONS:	NO OCCUPATION TO SUF	RVEYED SUBJE	ECT LAND BOUNDARIES UNLES	S OTHERWISE SHOWN		

# D112804

SHEET 2 OF 5

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## CREATION

RPORATION (SUBJECT

223LG RPA





REV 4 DATE 27/06/2016 DR KGH SVY MYB QA





Product Date/Time **Customer Reference** Order ID

Register Search (CT 6222/964) 02/12/2019 10:37AM EA0540 20191202002695

REAL PROPERTY ACT, 1886 <u>a</u>rda 2 South Australia

The Registrar-General certifies that this Title Register Search displays the records maintained in the Register Book and other notations at the time of searching.



## Certificate of Title - Volume 6222 Folio 964

Parent Title(s) CT 6192/945

Creating Dealing(s) RTC 13098457

Title Issued

07/05/2019 Edition 1

**Edition Issued** 

07/05/2019

## Estate Type

FEE SIMPLE

#### **Registered Proprietor**

ZAMIA PROPERTY PTY. LTD. (ACN: 105 654 564) OF CARE CEDAR WOODS PROPERTIES LTD. GROUND FLOOR 50 COLIN STREET WEST PERTH WA 6005

#### **Description of Land**

ALLOTMENT 1000 DEPOSITED PLAN 120710 IN THE AREA NAMED GLENSIDE HUNDRED OF ADELAIDE

#### Easements

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED B ON D120710 TO SOUTH AUSTRALIAN WATER CORPORATION (RLG 11040080)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED C ON D120710 TO THE COUNCIL FOR THE AREA (LAND GRANT VOL.4398 FOLIO 986)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED G AND H ON D120710 TO DISTRIBUTION LESSOR CORPORATION (SUBJECT TO LEASE 8890000) (RLG 10181721)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED L ON D120710 TO THE COUNCIL FOR THE AREA (LAND GRANT VOL.4402 FOLIO 794)

SUBJECT TO EASEMENT(S) OVER THE LAND MARKED R ON D120710 (RTD 11175806)

SUBJECT TO RIGHT(S) OF WAY OVER THE LAND MARKED R ON D120710 (RTD 11175806)

SUBJECT TO SERVICE EASEMENT(S) OVER THE LAND MARKED D(T/F) ON D120710 FOR ELECTRICITY SUPPLY PURPOSES TO DISTRIBUTION LESSÓR CORPORATION (SUBJECT TO LEASE 8890000) (223LG RPA)

#### Schedule of Dealings

Dealing Number	Description
12753779	ENCUMBRANCE TO MINISTER FOR HEALTH AND WELLBEING
12753780	AGREEMENT UNDER DEVELOPMENT ACT, 1993 PURSUANT TO SECTION 57(1)
12753781	MORTGAGE TO ANZ FIDUCIARY SERVICES PTY. LTD. (ACN: 100 709 493)

#### **Notations**

Dealings Affecting Title	NIL
Priority Notices	NIL



Product Date/Time Customer Reference Order ID Register Search (CT 6222/964) 02/12/2019 10:37AM EA0540 20191202002695

## Notations on Plan NIL

Registrar-General's Notes NIL

#### Administrative Interests

CONFIRMED IN SA HERITAGE REGISTER 21/11/1985 CONFIRMED IN SA HERITAGE REGISTER 23/09/1982 CONFIRMED IN SA HERITAGE REGISTER 25/07/1980 CONFIRMED IN SA HERITAGE REGISTER 12/10/1995 CONFIRMED IN SA HERITAGE REGISTER 19/10/2009

PURPOS	SE:	DIVISION			AREA NAI	ME:	FREWVILLI	E, GLENSIDE				RE-API ALEX	
MAP REI	F:	6628/42/Q, 6628/42/R			COUNCIL	:	CITY OF BU	JRNSIDE				ANDRAD 13/03/201	
												DEPOS	SITED:
LAST PL	AN:	D82174, D116156, D11	9123		DEVELOF	MENT NO	): 180/D014/1	7/001/54693				JOHN IK0 03/05/201	
AGENT I	DETAILS:	ALEXANDER & SYMC 1ST FLOOR 11 KING KENT TOWN SA 5067 PH: 81301666 FAX: 83620099	WILLIAM ST		SURVEY		personal su	pervision and in	n accordance w	urveyor do here vith the Survey ensed Surveyor	Act 1992. 2) T		
AGENT ( REFERE		ALSY A040916LTO-S1(F)											
SUBJEC	T TITLE D	ETAILS:											
PREFIX CT	VOLUME 6147	E FOLIO OTHER 483	PARCEL ALLOTMEN	NT(S) COMPRISING PIECES			IMBER 1.11*)	PLAN D	NUMBER 82174	HUNDRED ADELAIDE	/ IA / DIVI	SION	ТС
СТ	6192	945	ALLOTMEN	NT(S) COMPRISING PIECES		(200	)1*.2002*.2003	*) D	116156	ADELAIDE			
СТ	6147	486	ALLOTMEN	NT(S)		400	3	D	82174	ADELAIDE			
СТ	6147	490	ALLOTMEN	NT(S)		400	91	D	82174	ADELAIDE			
ст	6147	491	ALLOTMEN	NT(S)		400	92	D	82174	ADELAIDE			
СТ	6212	908	ALLOTMEN	NT(S)		99		D	119123	ADELAIDE			
OTHER -	TITLES AF	FECTED:											
	ENT DETAI												
		LAND BURDENED 2001* IN D116156	FORM SHORT	CATEGORY RIGHT(S) OF WAY		IDENTIF M IN D116		PURPOSE			IN FAVOU CT 6212/908		
EXTINGUIS		2001* IN D116156	SHORT	FREE AND UNRESTRICT	ED RIGHT(S)						CT 6212/908		
EXTINGUIS	SH 2	2001* IN D116156	SHORT	EASEMENT(S)		P IN D116	156 1	O PARK A VEH	HICLE		CT 6212/908		
EXISTING		1000. 1002*	LONG	EASEMENT(S)		В					SOUTH AUS	TRALIAN \	NATER
EXISTING		1000. 1002*	LONG	EASEMENT(S)		С					THE COUNC	IL FOR TH	IE AREA

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OWN	REFERENCE NUMBER
	CREATION
	RTC 12153682
	RTC 12153682
	RTC 12153682
R CORPORATIO	ON RLG 11040080
EA	LAND GRANT
	VOL 4398

EASEMENT I	DETAILS:					
STATUS	LAND BURDENED	FORM	CATEGORY	IDENTIFIER	PURPOSE	IN FAVOUR OF
EXISTING	1000	SERVICE	EASEMENT(S)	D(T/F)	FOR ELECTRICITY SUPPLY PURPOSES	DISTRIBUTION LESSOR COF TO LEASE 8890000)
EXISTING	1000	LONG	EASEMENT(S)	G.H		DISTRIBUTION LESSOR COF TO LEASE 8890000)
EXISTING	1000	LONG	EASEMENT(S)	L		THE COUNCIL FOR THE ARE
EXISTING	1000. 1001*. 1002*. 602 (RESERVE)	LONG	EASEMENT(S)	R		
EXISTING	1000. 1001*. 1002*. 602 (RESERVE)	LONG	RIGHT(S) OF WAY	R		
NEW	1001*. 1002*. 602 (RESERVE). 603 (RESERVE)	SERVICE	EASEMENT(S)	Т	FOR ELECTRICITY SUPPLY PURPOSES	DISTRIBUTION LESSOR COR TO LEASE 8890000)
NEW	1002*.602 (RESERVE)	SERVICE	EASEMENT(S)	Q(T/F)	FOR ELECTRICITY SUPPLY PURPOSES	DISTRIBUTION LESSOR COF TO LEASE 8890000)
NEW	1001*	SERVICE	EASEMENT(S)	S	FOR SEWERAGE PURPOSES	SOUTH AUSTRALIAN WATER
NEW	1001*	SERVICE	EASEMENT(S)	U	FOR DRAINAGE PURPOSES	THE COUNCIL FOR THE ARE

# D120710

SHEET 2 OF 10

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CREATION

FOLIO 986

223LG RPA

ORPORATION (SUBJECT

ORPORATION (SUBJECT

REA

LAND GRANT VOL 4402 FOLIO 794

RLG 10181721

RTD 11175806

RTD 11175806

223LG RPA

223LG RPA

223LG RPA

ORPORATION (SUBJECT

ORPORATION (SUBJECT

ER CORPORATION

REA 223LG RPA



REFERENCE A040916LTO-S1(F)	GLENSIDE
LJM/MW 16/01/2019	STAGE 1A SUPERLOTS



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		1/2019		STA	GE 1A SUPERLOTS











ENLARGEMENT A8







#### Annexure C

Site Plan



#### Annexure D

#### **Conceptual Site Model**



### Annexure E

Site Management Plans (2)



Attachments

## Attachment 2 – Stage 2 Audit Area

