



NSW Site Auditor Scheme
Site Audit Statement

A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the *Contaminated Land Management Act 1997* on 12 October 2017.

For information about completing this form, go to Part IV.

Part I: Site audit identification

Site audit statement no. LW-009

This site audit is a:

- statutory audit
- non-statutory audit

within the meaning of the *Contaminated Land Management Act 1997*.

Site auditor details

(As accredited under the *Contaminated Land Management Act 1997*)

Name Louise Walkden

Company Ramboll Australia Pty Ltd

Address Level 3, 100 Pacific Highway, North Sydney

Postcode 2060

Phone 02 9954 8100

Email lwalkden@ramboll.com

Site details

Address: 74 Edinburgh Road, Marrickville, NSW

Postcode: 2204

Property description

(Attach a separate list if several properties are included in the site audit.)

Lot 202 DP1133999, Lot 101 DP1237269 and Lot 1 DP539623

Local government area: Inner West Council

Area of site (include units, e.g. hectares): approximately 2.8 ha

Current zoning: IN1 General Industrial and SP2 Infrastructure

Regulation and notification

To the best of my knowledge:

- the site is** the subject of a declaration, order, agreement, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*, as follows: (provide the no. if applicable)

Declaration no.

Order no.

Proposal no.

Notice no.

- the site is not** the subject of a declaration, order, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*.

To the best of my knowledge:

- the site **has** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*

- the site **has not** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*.

Site audit commissioned by

Name: Thomas Stock

Company: Fabcot Pty Ltd

Address: 1 Woolworths Way, Bella Vista, NSW

Postcode: 2153

Phone: 0404 077 930

Email: tstock@woolworths.com.au

Contact details for contact person (if different from above)

Name: N/A

Phone:

Email:

Nature of statutory requirements (not applicable for non-statutory audits)

- Requirements under the *Contaminated Land Management Act 1997* (e.g. management order; please specify, including date of issue)

- Requirements imposed by an environmental planning instrument (please specify, including date of issue)

- Development consent requirements under the *Environmental Planning and Assessment Act 1979* (please specify consent authority and date of issue)

- Requirements under other legislation (please specify, including date of issue)

Purpose of site audit

- A1** To determine land use suitability

Intended uses of the land: _____

OR

- A2** To determine land use suitability subject to compliance with either an active or passive environmental management plan

Intended uses of the land: _____

OR

(Tick all that apply)

- B1** To determine the nature and extent of contamination
- B2** To determine the appropriateness of:
 - an investigation plan
 - a remediation plan
 - a management plan
- B3** To determine the appropriateness of a **site testing plan** to determine if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*
- B4** To determine the compliance with an approved:
 - voluntary management proposal** or
 - management order** under the *Contaminated Land Management Act 1997*
- B5** To determine if the land can be made suitable for a particular use (or uses) if the site is remediated or managed in accordance with a specified plan.

Intended uses of the land: _____

Information sources for site audit

Consultancies which conducted the site investigations and/or remediation:

JK Environments Pty Ltd (JKE)

Environmental Investigation Services Pty Ltd (EIS)

DLA Environmental Pty Ltd (DLA)

Titles of reports reviewed:

'Report to Fabcot Pty Ltd on Detailed (Stage 2) Site investigation For Proposed Warehouse and Customer Fulfillment Centre with Ancillary Offices at 74 Edinburgh Road, Marrickville, NSW', September 2020, JKE

'Acid Sulfate Soil Assessment and Management Plan, Proposed Masters Development, Cnr Edinburgh Road and Sydney Steel Road, Marrickville, NSW', 3 February 2015, EIS (the ASSMP)

'Phase 2 Detailed Environmental Site Assessment, 74 Edinburgh Road, Marrickville, NSW 2204', 22 September 2010, DLA

Other information reviewed, including previous site audit reports and statements relating to the site:

Site audit report details

Title Site Audit Report – Proposed Warehouse and Customer Fulfillment Centre, 74 Edinburgh Road, Marrickville, NSW

Report no. LW-009 (Ramboll Ref: 318001055) 19 October 2020

Part II: Auditor's findings

Please complete either Section A1, Section A2 or Section B, not more than one section. (Strike out the irrelevant sections.)

- Use **Section A1** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **without the implementation** of an environmental management plan.
- Use **Section A2** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **with the implementation** of an active or passive environmental management plan.
- Use **Section B** where the audit is to determine:
 - (B1) the nature and extent of contamination, and/or
 - (B2) the appropriateness of an investigation, remediation or management plan¹, and/or
 - (B3) the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or
 - (B4) whether the terms of the approved voluntary management proposal or management order have been complied with, and/or
 - (B5) whether the site can be made suitable for a specified land use (or uses) if the site is remediated or managed in accordance with the implementation of a specified plan.

¹ For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

Section A1

I certify that, in my opinion:

The **site is suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- Residential, including substantial vegetable garden and poultry
- Residential, including substantial vegetable garden, excluding poultry
- Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry
- Day care centre, preschool, primary school
- Residential with minimal opportunity for soil access, including units
- Secondary school
- Park, recreational open space, playing field
- Commercial/industrial
- Other (please specify):

OR

- I certify that, in my opinion, the **site is not suitable** for any use due to the risk of harm from contamination.

Overall comments:

Section A2

I certify that, in my opinion:

Subject to compliance with the **attached** environmental management plan² (EMP), the site is suitable for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- Residential, including substantial vegetable garden and poultry
 - Residential, including substantial vegetable garden, excluding poultry
 - Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry
 - Day care centre, preschool, primary school
 - Residential with minimal opportunity for soil access, including units
 - Secondary school
 - Park, recreational open space, playing field
 - Commercial/industrial
 - Other (please specify):
-

EMP details

Title:

Author:

Date:

No. of pages:

EMP summary

This EMP (attached) is required to be implemented to address residual contamination on the site.

The EMP: (Tick appropriate box and strike out the other option.)

- requires operation and/or maintenance of **active** control systems³
- requires maintenance of **passive** control systems only³.

² Refer to Part IV for an explanation of an environmental management plan.

³ Refer to Part IV for definitions of active and passive control systems.

Purpose of the EMP:

Description of the nature of the residual contamination:

Summary of the actions required by the EMP:

How the EMP can reasonably be made to be legally enforceable:

How there will be appropriate public notification:

Overall comments:

Section B

Purpose of the plan⁴ which is the subject of this audit:

Investigation of soil and groundwater to enable remedial plan for redevelopment of 74
Edinburgh Road, Marrickville

I certify that, in my opinion:

(B1)

- The nature and extent of the contamination **has** been appropriately determined
 ~~The nature and extent of the contamination **has not** been appropriately determined~~

~~AND/OR (B2)~~

- ~~The investigation, remediation or management plan **is** appropriate for the purpose stated above~~
 ~~The investigation, remediation or management plan **is not** appropriate for the purpose stated above~~

~~AND/OR (B3)~~

- ~~The site testing plan:~~
 ~~**is** appropriate to determine~~
 ~~**is not** appropriate to determine~~
~~if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*~~

~~AND/OR (B4)~~

- ~~The terms of the approved voluntary management proposal* or management order** (strike out as appropriate):~~
 ~~**have been** complied with~~
 ~~**have not** been complied with.~~

~~*voluntary management proposal no.~~

~~**management order no.~~

~~AND/OR (B5)~~

- ~~The site **can be made suitable** for the following uses:~~
~~(Tick all appropriate uses and strike out those not applicable.)~~
 ~~Residential, including substantial vegetable garden and poultry~~
 ~~Residential, including substantial vegetable garden, excluding poultry~~
 ~~Residential with accessible soil, including garden (minimal home grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~

⁴ For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

- Day care centre, preschool, primary school
- Residential with minimal opportunity for soil access, including units
- Secondary school
- Park, recreational open space, playing field
- Commercial/industrial
- Other (please specify):

IF the site is remediated/managed* in accordance with the following plan (attached):

~~*Strike out as appropriate~~

Plan title: _____

Plan author: _____

Plan date: _____ No. of pages: _____

SUBJECT to compliance with the following condition(s):

Overall comments:

The site has been used for industrial purposes since the early 1900s, with the main use for food manufacturing and processing (edible oils and nuts) between approximately 1918 until 2005. The site has been filled to achieve the current levels with fill to depths >6.0 m in areas of the site. The site has had various configurations over time, with demolition of numerous structures undertaken prior to development of the current site layout.

Woolworths propose to develop the site for use as a warehouse and Customer Fulfillment Centre (CFC) with ancillary offices. The proposed development comprises a slab on ground warehouse across the majority of the site with a multi-storey car park in the northern portion of the site, access road and loading docks to the east and south and five levels of office space above the warehouse and car park. Some areas of landscaping are located on road frontages.

While the results of the DLA and JKE investigations have not identified significant contamination of soil or groundwater at the site, based on the site history and the limitations associated with the sampling and analysis for asbestos in soils, there is the potential for asbestos impacted fill materials to be present at the site that will require remediation or management during the redevelopment. There is also the potential that unidentified sources of contamination may be encountered, such as underground tanks or subsurface structures. It is recommended that a RAP is prepared for further assessment and remediation during demolition and redevelopment of the site.

The Auditor makes the following recommendations:

1. Preparation of a remedial action plan (RAP) in accordance with the NSW EPA (2020) *Consultants reporting on contaminated Land: Contaminated land guidelines* including, but not limited to:
 - the inspection and characterisation process for fill material under building footprints following demolition including validation for asbestos containing material (ACM) and friable asbestos (FA) in accordance with NEPM (2013)
 - the inspection process to be implemented during removal of hardstand to assess for any unidentified sources of contamination
 - remediation and validation procedures to be implemented if ACM impacted fill materials are encountered or any other unidentified contamination, including underground tanks or subsurface infrastructure
 - the procedure for determining the need for further groundwater characterisation should contamination be identified during the development works
 - materials handling and waste classification procedures
 - validation procedures for assessment of imported materials as suitable for intended use
 - interaction of the RAP with other site management plans

The RAP should be reviewed by a NSW EPA Accredited Site Auditor.

2. Preparation of a final site validation report by a qualified environmental consultant documenting the works undertaken in accordance with the RAP and certifying the suitability of the site for the proposed development.
3. Preparation of an Environmental Management Plan (EMP) for the management of any contamination remaining on site following redevelopment that presents a risk to human health or the environment.
4. Preparation of a Section A Site Audit Statement by a NSW EPA Accredited Site Auditor reviewing the above information and confirming the suitability of the site for the intended use.

Groundwater has not been assessed for beneficial re-use. Any future use of groundwater would require appropriate regulatory approvals from the NSW Office of Water.

Part III: Auditor's declaration


I am accredited as a site auditor by the NSW Environment Protection Authority (EPA) under the *Contaminated Land Management Act 1997*.

Accreditation no. 1903

I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997*, and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.

Signed: 

Date: 19 October 2020

Part IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

How to complete this form

Part I

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

Part II

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remediation plan or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use or uses of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A1 or Section A2 or Section B of Part II, **not** more than one section.

Section A1

In Section A1 the auditor may conclude that the land is *suitable* for a specified use or uses OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further investigation or remediation or management of the site was needed to render the site fit for the specified use(s). **Conditions must not be** imposed on a Section A1 site audit statement. Auditors may include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section A2

In Section A2 the auditor may conclude that the land is *suitable* for a specified use(s) subject to a condition for implementation of an environmental management plan (EMP).

Environmental management plan

Within the context of contaminated sites management, an EMP (sometimes also called a 'site management plan') means a plan which addresses the integration of environmental mitigation and monitoring measures for soil, groundwater and/or hazardous ground gases throughout an existing or proposed land use. An EMP succinctly describes the nature and location of contamination remaining on site and states what the objectives of the plan are, how contaminants will be managed, who will be responsible for the plan's implementation and over what time frame actions specified in the plan will take place.

By certifying that the site is suitable subject to implementation of an EMP, an auditor declares that, at the time of completion of the site audit, there was sufficient information satisfying guidelines made or approved under the *Contaminated Land Management Act 1997*

(CLM Act) to determine that implementation of the EMP was feasible and would enable the specified use(s) of the site and no further investigation or remediation of the site was needed to render the site fit for the specified use(s).

Implementation of an EMP is required to ensure the site remains suitable for the specified use(s). The plan should be legally enforceable: for example, a requirement of a notice under the CLM Act or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of the *Environmental Planning and Assessment Act 1979*.

Active or passive control systems

Auditors must specify whether the EMP requires operation and/or maintenance of active control systems or requires maintenance of passive control systems only. Active management systems usually incorporate mechanical components and/or require monitoring and, because of this, regular maintenance and inspection are necessary. Most active management systems are applied at sites where if the systems are not implemented an unacceptable risk may occur. Passive management systems usually require minimal management and maintenance and do not usually incorporate mechanical components.

Auditor's comments

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section B

In Section B the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or whether the terms of an approved voluntary management proposal or management order made under the CLM Act have been complied with, and/or whether the site can be made suitable for a specified land use or uses if the site is remediated or managed in accordance with the implementation of a specified plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement. The condition must not specify an individual auditor, only that further audits are required.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

Part III

In **Part III** the auditor certifies their standing as an accredited auditor under the CLM Act and makes other relevant declarations.

Where to send completed forms

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to

- the **NSW Environment Protection Authority**:
nswauditors@epa.nsw.gov.au or as specified by the EPA

AND

- the **local council** for the land which is the subject of the audit.