



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. SAS155

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 Rebeka Hall

Company Zoic Environmental Pty Ltd

Address Suite 1, Level 9, 189 Kent St SYDNEY NSW

Postcode 2000

Phone 02 9251 8070

Email rebeka.hall@zoic.com.au

Site details

Address 28 Farmland Drive Schofields NSW

Postcode 2762

Property description

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

Lots 1 and 2 in DP1244925

Local government area Blacktown City Council

Area of site (include units, e.g. hectares) Approx. 2.5Ha

Current zoning SP2: Infrastructure: Educational Establishment

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 Tom Hemmett

Company Richard Crooks Constructions Pty Ltd

Address Level 3, 4 Broadcast Way, Artarmon NSW

Postcode 2064

Phone 02 9902 4700

Email HemmettT@richardcrooks.com.au

~~Contact details for contact person (if different from above)~~

~~Name~~_____

~~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: Public primary school

~~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

EIS, Greencap

Titles of reports reviewed:

1. Environmental Investigation Services (EIS, 23 January 2019) Preliminary Environmental Site Assessment, 34-38 Schofields Road, Schofields NSW (Ref: E3.598KPrpt-rev1)
 2. Greencap Pty Ltd (Greencap, 14 August 2019) Detailed Site Investigation, Corner of Farmland Drive and future realignment of Pelican Road, Schofields NSW (Ref:C122140:NB)
-

3. Greencap (21 January 2019) Salinity Report, Corner of Farmland Drive and future realignment of Pelican Road, Schofields NSW (Ref: C107881: NXB)
4. Greencap (26 July 2019) Unexpected Finds Protocol - 34-38 Schofields Road, Schofields NSW (Ref: C107881:J163717 JG)
5. Greencap (30 July 2019) Waste Classification for two stockpiles located at 34-38 Schofields Road, Schofields NSW 2762 (Ref: C107881:J163171 JG)
6. Greencap (5 August 2019) Additional Waste Classification for two stockpiles (Incl. UFP & Bitumen Stockpiles) located at 34-38 Schofields Road, Schofields NSW 2762 (Ref: C107881:J163171 JG)
7. Greencap (6 August 2019) Letter Report explaining the Detailed Site Walkover and Additional Soil Investigation undertaken at 34-38 Schofields NSW 2762 (Ref: C107881:J163171 JG)
8. Greencap (23 August 2019) Excavated Natural Material Classification, 28 Farmland Drive, Schofields NSW 2762 (Ref: C107881 : JG).

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

JK Geotechnics (30 June 2017) Geotechnical Investigation, 34-38 Schofields Road, Schofields NSW (Ref: 30598Zrpt).

JK Geotechnics (8 April 2019) Additional Geotechnical Investigation, 34-38 Schofields Road, Schofields NSW (Ref: 30598PH3rpt).

Site audit report details

Title Site Audit Report Proposed Alex Avenue Public School, 28 Farmland Drive, Schofields NSW 2762

Report no. 19175_SAR155

Date 10 September 2019

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:

Any material surplus to site requirements must be classified in accordance with NSW EPA Waste Classification Guidelines (2014) for offsite disposal and transported to an appropriately licensed waste receiving facility.

Any material imported to site to achieve final design and landscaping levels must be certified as VENM (or ENM / other suitable material as defined in the waste exemptions).

~~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.

Site Audit Statement

~~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:~~

~~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.)~~

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

Site Audit Statement

- ☐ 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):

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:

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. 0802

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

10 September 2019

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.



SCHEDULE OF LINES

No.	BEARING	DISTANCE
51	167°53'50"	7.34
52	177°26'40"	20.705

SCHEDULE OF CURVED BOUNDARIES

No.	BEARING	CHORD	ARC	RADIUS
1	94°26'05"	24.31	24.315	358
2	92°42'50"	2.415	2.415	295
3	85°11'20"	52.79	52.93	208
10	92°33'00"	0.695	0.695	279
11	82°03'00"	27.795	27.82	192
12	78°54'00"	7.27	7.27	208
13	81°05'35"	21.4	21.41	192
14	66°25'25"	5.08	5.08	258
15	80°35'30"	5	5	208
16	82°47'00"	10.92	10.92	208
17	89°20'25"	21.03	21.04	192

REFERENCE MARKS

No.	BEARING	DISTANCE	DESCRIPTION
D	98°37'00"	1.465	R.M. G.I.P. FD D.P.1203646
E	342°29'30"	3.415 & 13.195	R.M. D.H. & W. FD D.P.1208330
F	330°46'25"	1.25 & 14.45	R.M. D.H. & W. FD & D.P.1208330
			R.M. S.S.M.193158 FD
G	296°14'00"	5.24 & 20.035	R.M. D.H. & W. FD D.P.1208330
H	317°23'05"	1.16 & 14.47	R.M. D.H. & W. FD & D.P.1208330
			R.M. S.S.M.193159 FD
I	323°47'40"	1.45 & 14.225	R.M. D.H. & W. FD & D.P.1208330
			R.M. S.S.M.193183 FD
J	342°22'20"	3.485 & 12.825	R.M. D.H. & W. FD D.P.1208332
K	182°08'25"	4.04 & 14.2	R.M. D.H. & W. FD D.P.1208330
L	48°07'00"	8.98	R.M. D.H. & W. FD D.P.1208330
M	113°43'20"	4.29 & 17.19	R.M. S.S.M.193166 FD & D.P.1208330
			R.M. D.H. & W. FD
N	223°32'00"	0.925	R.M. G.I.P. FD D.P.1189372
Q	159°26'45"	3.525	R.M. D.H. & W. FD D.P.1231233
R	356°04'05"	4.585	R.M. G.I.P. FD D.P.1231233
S	254°38'25"	6.525	R.M. G.I.P. FD D.P.1231233
U	318°49'40"	6.235	R.M. G.I.P. FD D.P.1231233
V	222°07'50"	4.545	R.M. D.H. & W. FD D.P.1231233
X	228°43'40"	3.305	R.M. G.I.P. PLACED

'A' - PROPOSED RIGHT OF ACCESS & EASEMENT FOR SERVICES 6 WIDE
'B' - PROPOSED RIGHT OF ACCESS & EASEMENT FOR SERVICES 10 WIDE

Boundary of Site covered by Site Audit Statement SAS155 dated 10 September 2019, prepared by R Hall of Zoic Environmental Pty Ltd

SURVEYOR
Name: ANDREW RICHARD THOMAS
Date: 10 JULY 2018
Reference: 023-17

PLAN OF
LAND PROPOSED TO BE ACQUIRED WITHIN
LOT 4 D.P.1208329 & LOT 121 D.P.1203646

LGA: BLACKTOWN
Locality: SCHOFIELDS
Reduction Ratio: 1: 800
Lengths are in metres

Registered
20.07.2018

DP1244925