

MEMO

To: Jason Neilly

From: Julian Howard (CenvP SC)

Date: 25 May 2026

Re: Bonded Asbestos Remediation and Validation Methodology Summary

Introduction

This memo summarises the proposed approach to remediate bonded asbestos containing material (ACM) fragments from the surface of 55 Arumpo Street Renmark, which was identified during a Preliminary Site Investigation (PSI) undertaken by EHS Support in 2025. The areas where bonded ACM remains on the surface of the site is presented in **Figure 2** at the end of this memo.

The objective of the remediation presented in this memo is to remediate surface and shallow soils to a depth of 0.1 mBGL of bonded ACM so that they are visually free of bonded ACM and compliant with the low density residential criteria set out in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended in 2013 (ASC NEPM).

Methodology

Bonded ACM from the surface of the site will be removed as follows:

- The works will be undertaken by suitably experienced environmental scientists with experience in assessing and removing minor volumes of bonded ACM from soil.
- Each impacted area identified in the attached plan will be divided into transects in both a north south and east west alignment.
- Each transect will be inspected by an experienced environmental scientist and all suspected bonded ACM will be removed from the surface of the site.
- Where suspected bonded ACM is identified shallow soils will be raked to assess if bonded ACM has been pushed into underlying soils. Any buried bonded ACM will also be removed.
- All collected bonded ACM will be double bagged in heavy duty plastic bags.
- The weight of bonded ACM collected from each area will be weighed to ensure the activity is not a licensed activity under the Work Health and Safety Act 2012 (less than 10m² of bonded ACM removal is not a licensed activity, this equates to approximately 100 kg of bonded ACM).
- Once the surface of each area has had all bonded ACM removed, each area will have a final inspection undertaken to confirm the surface of the site is visually free of bonded ACM.
- The % weight/weight (% w/w) of bonded ACM collected from the surface of each area to a depth of 0.1 metres below ground level (mBGL) will be calculated to infer the potential % w/w of any residual bonded ACM that may be present below 0.1 mBGL. This will provide a conservative estimate as concentrations are typically higher in the surface and near surface



soils. The estimated % w/w of residual bonded ACM in soils deeper than 0.1 mBGL will be compared to the ASC NEPM Health Investigation Level (HIL) for residential land use.

- The remediation works will be documented in an Asbestos Remediation Validation Report .

Attachments

Figure 2 – Sample Location Plan



Internal Document Control Information:
User Name: Danny.Barnes; Date and Time Printed: 10/10/2025 12:00 PM; Document Path: Y:\GIS Projects\Neilly Group\Arumpo\20250926 PSI\03 Mapping\Figures.aprx

Sample Location Plan

1:1,600 [Page Size: A3]

LEGEND

● Investigation Locations

□ Site boundary

□ ACM

□ AST

Scope

○ EHS-Support (2025)

□ Tonkin (2024)

Arumpo PSI
Arumpo St, Renmark West SA
5341

Figure 2

CREATED BY:	C. Nisansala
APPROVED BY:	J. Kirk
PROJECT REF. NO:	PTY.07104
MAP PROJECTION:	Transverse Mercator
GRID/DATUM:	GDA2020 MGA Zone 54
SCALE:	1:1,600
AERIAL IMAGE SOURCE:	ESRI Basemap

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