



Procedure - internal

AWMF Acceptance of lead contaminated soil from the Pasmenco Lead Abatement Strategy Area

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Introduction

Purpose

Contaminated soil from eligible residents in the Lead Abatement Strategy Area (LAS) near the former Pasmenco lead and zinc smelter in Boolaroo is now accepted at the Awaba Waste Management Facility (AWMF).

The Environment Protection Authority has waived the waste environment levy and reclassified lead contaminated soil from the LAS area as a general solid waste, allowing Council to accept contaminated soil from the LAS at AWMF.

Scope

The waste levy exemption is governed by the NSW EPA and is only available to residential properties (not commercial or industrial businesses) within the LAS area (see Attachment 1).

The EPA's Immobilised Contaminants Approval (ICA) and waste levy exemption, only applies to lead contaminated soil. The ICA is valid until 19 January 2025. The Waste Levy Exemption is valid until 31 January 2026. The ICA does not apply to any other type of waste generated by building or renovation works, such as asbestos impacted soil, clean fill, black slag, or demolition waste. Landowners should take care to ensure that lead contaminated soil is segregated from other waste streams in those situations where soil removal forms part of other works.

Segregated lead contaminated soil must also meet the following disposal requirements to manage the potential health impacts from handling lead contaminated soils.

Procedures

Disposal Procedures for Lead-Contaminated Soil

Because of the potential health impacts and community concerns associated with exposure to lead, a comprehensive set of procedures for the disposal of lead contaminated soils (LCS) at the AWMF have been developed in consultation with health professionals to minimise exposure risks to residents, contractors and Council staff.

Lead contaminated soil must be handled in a way that prevents it from escaping into the environment during excavation, loading, transportation and disposal. It is mandatory that all lead contaminated soil deliveries are presented at the AWMF by either:

- a) In the specially supplied bulka bags supplied free of charge by Council.

All bulka bags must be presented half-filled (0.5m³) and sealed. The bag has a top covering flap that should be folded over the soil after filling, tied off and all four corner lifting loops drawn into the centre of the top of the bag and duct taped.

All bags must be clean, securely fastened and free of any damage, rips or holes, including damage to the lifting eyes.

The bags will be inspected by AWMF staff upon arrival at the weighbridge and prior to unloading. Refer to Attachment 2 for acceptable and unacceptable presentation of bulka bags for lead contaminated soil.

- or
- b) Alternatively, the LCS can be **sampled and tested by a NATA registered laboratory** to determine the lead content. If this certification indicates the lead level of the LCS to be below the threshold of 600mg/kg, then this certified LCS can be transported to, and disposed of, at the AWMF without the need for bulka bags.

The LCS must be sampled in accordance with Australian Standard

The LCS must then be analysed in accordance with the National Environmental Protection (Assessment of Site Contamination) Measure (NEPM 1999 as amended 2013), Schedule B2 Guideline on Site Characterisation. The lead levels of the soil must be below the threshold of 600mg/kg, in accordance with Column C of Table 2 of Schedule B7 Section 3 of the NEPM 2013. This certified LCS can then be transported to the AWMF without the need for bulka bags.

- or
- c) Alternatively, previous soil testing undertaken by the EPA may be used to determine the lead concentration of the soil for the property. If this previous soil testing indicates the lead level of the LCS to be below the threshold of 600mg/kg, then this LCS can be transported to, and disposed of, at the AWMF without the need for bulka bags.

If pursuing this option, you must contact Council to formally confirm the lead concentration in the soil for the property.

Ben Fairfull

Group Coordinator Waste Operations

Phone: (02) 4921 0766

Email: bfairfull@lakemac.nsw.gov.au

Lead contaminated soil not presented in line with these requirements, or accompanied by a NATA registered laboratory certification, or Council's formal confirmation, indicating the lead levels are below 600mg/kg, will not be accepted for disposal.

Disposal Process

1. Contact Council's Waste Services Department on 4921 0766 to arrange the pick-up of sufficient free bulka bags and a roll of duct tape to contain the soil for transport and disposal.
2. Bulka bags and duct tape can be collected free of charge from: a. Council's Works Depot Reception at 18-32 Creek Reserve Road Boolaroo from 8am to 4pm weekdays.
3. Proof of identity and address from where the LCS is coming from must be provided to receive the bulka bags and duct tape. Proof of identity and address may be in the form of current copies of:
 - a. Council Rates Notice
 - b. Lease agreement
 - c. Drivers licence
 - d. Utilities rates notice (power, water, gas)
4. At the time of collecting the bulka bags and duct tape the following details will be recorded:
 - a. Name
 - b. Address
 - c. Contact phone number(s)
 - d. Form of proof of identity
 - e. Approx amount of LCS to be disposed (m3)
 - f. Number of bulka bags provided
5. A minimum of 24 hours notice must be given to the Coordinator of the Awaba Waste Management Facility (AWMF) on 4921 0778 prior to the disposal of all quantities of LCS.
6. At the time of booking, the following details will be recorded in the AWMF's LCS booking diary:
 - a. Name
 - b. Address
 - c. Contact phone number(s)
 - d. Approx amount of LCS to be disposed (number of bulka bags or m3)
 - e. Date LCS to be disposed
 - f. Vehicle details or contractor that will be transporting the LCS. Note: AWMF staff may not be able to unload bulka bags from some types of vehicles.

Conditions of disposal:

1. LCS material may be disposed at the AWMF between 8am and noon, Monday to Friday.
2. LCS will not be accepted during wet weather. Contact the Awaba Waste Management Facility on [4921 0778](tel:49210778) to confirm if the site is suitable.
3. To avoid the creation of dust LCS must be completely contained in the bulka bags, provided free of charge by Council, or in a covered truck if accompanied by a NATA registered laboratory certificate.
4. If presenting LCS for disposal not in bulka bags, a copy of the NATA registered laboratory certification, or Council's formal confirmation, indicating the lead levels are below 600mg/kg, must be provided to the AWMF weighbridge operator.
5. Proof of identity and address (as per above) must also be provided at the AWMF when disposing the LCS.
6. A completed EPA "Designated Waste Certificate" (included in this information pack, and copy attached) must be provided to the weighbridge operator when disposing the LCS.
7. AWMF staff will inspect each load of LCS using CCTV located at the weighbridge. If a load does not visibly comply, it will be rejected.
8. It is your responsibility to share your name and address with staff at the Facility, as well as the nature of the load to ensure correct charges apply.
9. The charge for LCS is as per the Fees & Charges published on the Lake Macquarie City Council website [LMCC - Fees & Charges](#)
10. If the LCS is presented in bulka bags, Council will unload the bulka bag(s) from your vehicle using available plant on site. There may be delays in the unloading process due to plant availability. Council will not be held responsible for any delay or damage to vehicles or trailers etc during the unloading process.
11. If during the unloading, a load is deemed to not comply with Council's requirements, for example the bulka bag breaks, then the AWMF Site Supervisor will decide how best to proceed. This may result in the unloaded portion of LCS having to be removed from site.

Questions:

Please contact the below if you have any questions regarding the process for the disposal of LCS at the AWMF:

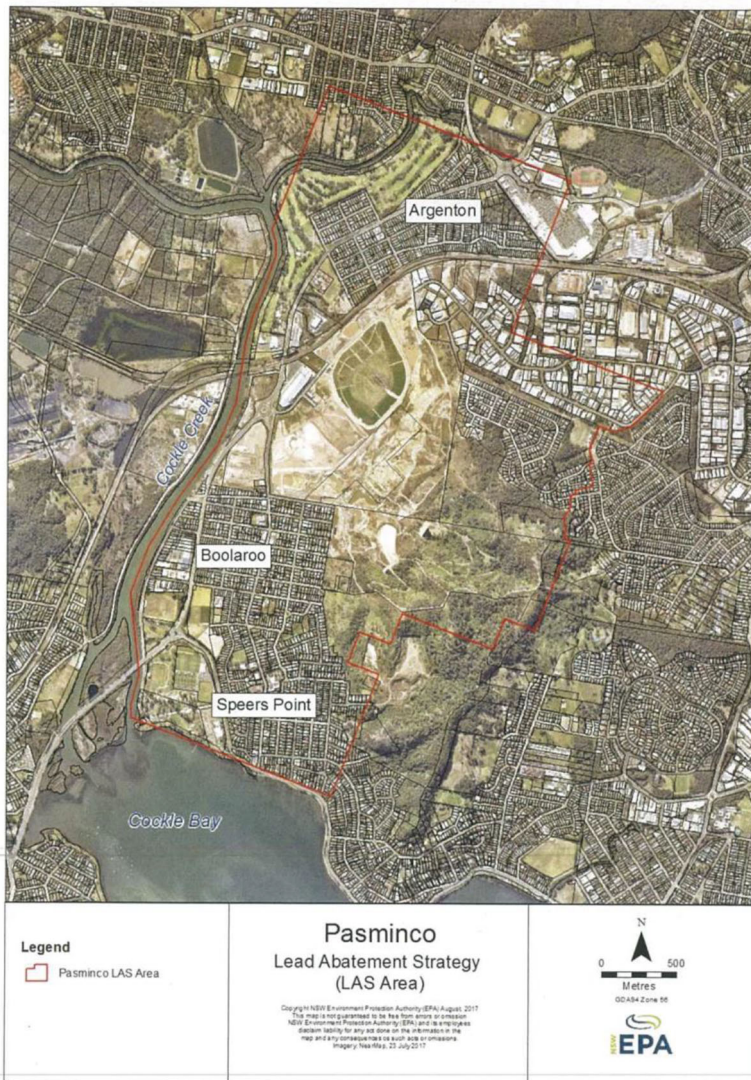
Ben Fairfull
Group Coordinator Waste Operations
Phone: 4921 0766
Email: bfairfull@lakemac.nsw.gov.au

Review and evaluation

This procedure will be reviewed every four years or earlier as required.

**AWMF Acceptance of lead contaminated soil from the
Procedure - internal Pasmenco Lead Abatement Strategy Area**

Attachment 1:



Annexure A – Map of Pasmenco Lead Abatement Strategy Area

Attachment 2:

[Type text]

**ACCEPTABLE, UNACCEPTABLE AND IDEAL WAYS
TO PRESENT LEAD CONTAMINATED SOIL FOR DISPOSAL**

	<p style="text-align: center;"><u>Unacceptable & Rejected</u></p> <ul style="list-style-type: none"> • Bulka bag overfilled • Inside top Flap (visible in foreground) is not tied off, • Corner lifting hooks not secured • Soil able to escape containment
	<p style="text-align: center;"><u>Acceptable & Received</u></p> <ul style="list-style-type: none"> • Bulka bag half filled • Inside flap covering soil and tied off • Corner lifting hooks pulled to centre and secured • Exterior of bag clean
	<p style="text-align: center;"><u>Ideal</u></p> <ul style="list-style-type: none"> • New bags now available • Half filled • Inside top flap is tied off covering soil • Corner lifting hooks pulled to centre of bag and secured with duct tape • Exterior of bag clean

Attachment 3:

Designated Waste Certificate



Under Part 10, clause 106 of the Protection of the Environment Operations (Waste) Regulation 2014.

This certificate is given to the receiving facility described in this certificate to certify that the soil being received for disposal has been classified in accordance with Immobilised Contaminants Approval GIA2020/01. This Approval authorises, or does not prohibit, soil impacted with Pasmenco metallurgical furnace flue dust and sourced from within the Pasmenco Lead Abatement Strategy area, being taken to the receiving facility for disposal.

1 To be completed by the responsible person

Person or Company to which the Immobilised Contaminants Approval applies:

Full name or company name	
Trading as (if applicable)	
ABN/ACN	
EPL number (environment protection licence)	
Address	
Postcode	
Telephone (primary)	
Telephone (secondary)	

Details of waste:

Contaminants of concern:	
Volume of waste:	

I declare that all waste described in this certificate has been classified in accordance with an Immobilised Contaminants Approval GIA2020/01 and that the Approval authorises, or does not prohibit, the waste being taken to the receiving facility described in this certificate for disposal, and that all of the above information is true and correct.

Name and position :	
Signature:	
Date:	

2 To be completed by the receiving facility

Full name of facility receiving waste:	Awaba Waste Management Facility
ABN/ACN:	81 065 027 868

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Full name of facility receiving waste:	Awaba Waste Management Facility
EPL number:	5873
Address:	367 Wilton Road Awaba NSW
Postcode:	2283
Telephone:	49210333
Email:	council@lakemac.nsw.gov.au

I hereby acknowledge acceptance of waste described in Part 1

Name and position :	
Signature:	
Date:	

Published by:

Environment Protection Authority
59 Goulburn Street, Sydney NSW 2000
PO Box A290, Sydney South NSW 1232
Phone: +61 2 9995 5000 (switchboard)
Phone: 131 555 (NSW only – environment information and publications requests)
Fax: +61 2 9995 5999
TTY users: phone 133 677, then ask for 131 555
Speak and listen users: phone 1300 555 727, then ask for 131 555
Email: info@environment.nsw.gov.au
Website: www.epa.nsw.gov.au

Report pollution and environmental incidents

Environment Line: 131 555 (NSW only) or info@environment.nsw.gov.au
See also www.epa.nsw.gov.au

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Controlled Document Information

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Related Document Information, Standards & References

Related Legislation:	(Legislation Name) N/A	(Relationship/Context)
Related Policies:	(Policy Name) N/A	(Relationship/Context)
Related Procedures, Guidelines, Forms, WHS Modules/PCD's, Risk Assessments, Work Method Statements:	(Document Name) N/A	(Relationship/Context)
Standards, COP's & Other References	(Standard, COP or Other References) N/A	(Relationship/Context)

Definitions

Term / Abbreviation	Definition
LAS	Lead Abatement Strategy Area
LCS	Lead Contaminated Soil
ICA	Immobilised Contaminates Approval
EPA	Environmental Protection Agency
AWMF	Awaba Waste Management Facility

Consultation (update for each version created)

Key Departments, Teams, Positions, Meetings:	Kieran Peter - Group Coordinator Waste Services Amanda Schumacher - Work Health and Safety Business Partner Adele Petterd - Sustainability Engagement Officer
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Version History

Version No	Date Changed	Modified By	Details and Comments
1	21 August 2023	Kieran Peter	New procedure created. Previous Version not in controlled document format.
2	March 2024	Ben Fairfull	Update Group Coordinator details

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