# Hazardous materials audit

Blayney Multi Purpose Service, 3 Osman Street, Blayney NSW 2799



# Envirowest Consulting Pty Ltd ABN 18 103 955 246

- 9 Cameron Place, Orange NSW Tel (02) 6361 4954 •
- 6/72 Corporation Avenue, Bathurst NSW Tel (02) 6334 3312 •
- PO Box 8158, Orange NSW 2800 Email admin@envirowest.net.au Web www.envirowest.net.au •

Environmental Geotechnical Asbestos Services



Docum	APP Corpora Level 2, 426 Newcastle N	King Street			
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0	R15064hm	14/11/2022	Luke Niven BSc (Hons) Asbestos Assessor LAA001584	Greg Madafiglio CEnvP Asbestos Assessor LAA000146	

Envirowest Consulting Pty Ltd 9 Cameron Place PO Box 8158 Orange NSW 2800 T 02 6361 4954

6/72 Corporation Avenue Bathurst NSW 2795 T 02 6334 3312

E admin@envirowest.net.au W envirowest.net.au

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# 1. Background

Redevelopment of the Blayney MPS is proposed in line with current Clinical Services Plan. The redevelopment will occur on the existing site. The redevelopment works will include disturbance of building materials. A hazardous materials audit of the buildings is required to determine the presence of hazardous materials including asbestos, lead paint, Polychlorinated biphenyl capacitor (PCBs), synthetic mineral fibres (SMF), ozone depleting substances (ODS) and flammable or combustible materials to enable implementation of control measures during redevelopment works.

Asbestos is a natural fibrous silicate mineral used in building materials between 1940 and 1988. Common forms are chrysotile (white asbestos), amosite (brown or grey asbestos) and crocidolite (blue asbestos). In buildings material it is commonly associated in a matrix with cement (asbestos cement sheeting). Asbestos fibres can cause respiratory diseases after inhalation. Management is aimed at preventing airborne fibres.

Lead based paint was commonly manufactured and used until late 1960's containing levels up to 50%. From 1970's all manufactured industrial paints contained less than 1% lead until 1997 where all paint must contain less than 0.1% lead. Lead is toxic to human health and can cause lead poisoning after repeated inhalation or ingestion.

Capacitors containing PCBs were installed in various types of equipment including fluorescent light fittings during the 1950's, 60's and 70's. PCBs range in appearance from colourless, oily liquids to more viscous and increasingly darker liquids to yellow then black resins. PCBs are toxic, persist in the environment and animals, bioaccumulate through the food chain and pose a risk of causing diverse effects to human health and the environment.

SMF is the name given to describe a number of non-crystalline fibrous materials including glass fibres, mineral wool and ceramic fibre.

ODS are chemicals that destroy the earths ozone layer and include refrigerants, solvents and propellants.

Other hazardous materials including flammable or combustible materials and radioactive sources may be present in the building which may cause potential hazards if disturbed.

#### 2. Scope

Envirowest Consulting Pty Ltd was commissioned by APP Corporation Pty Ltd to undertake a hazardous materials audit of *Blayney Multi Purpose Service*, 3 Osman Street, Blayney NSW.

## 3. Site location and description

The site is *Blayney Multi Purpose Service* and is located at 3 Osman Street, Blayney NSW. The buildings have been constructed from the 1950's with potential for hazardous materials to be present in the buildings.

# 4. Investigation

A visual and destructive inspection of accessible areas of the buildings was undertaken. Inaccessible areas of the building included some treatment and residential rooms which were occupied at the time of the inspection, ceiling spaces, subfloor spaces, skylights and areas under existing surfaces.

The inspection was undertaken on the 27 October 2022 by Luke Niven and Greg Madafiglio of Envirowest Consulting Pty Ltd.

#### 4.1 Asbestos inspection

At each location where asbestos containing material was suspected an assessment was made of friability, accessibility and condition. The assessment was used to assign risk rating and recommend action. Where possible sampling was undertaken for identification.

Professional judgment was used to identify samples that potentially contained asbestos. Investigations did not evaluate material that may be hidden by building materials and surface material including stockpile material, soil, vegetation and pavements.

The assessment was undertaken using the following criteria:

#### 4.1.1 Friability

The asbestos material was classified as friable or non-friable. Friable asbestos can be crushed by hand and include loose insulation. Asbestos damaged by fire or hail is friable asbestos. Materials that cannot be crushed by hand are non-friable and includes asbestos cement sheeting.

#### 4.1.2 Accessibility

The accessibly of asbestos products was classified as high, medium or low. The accessibility rating was assigned based on the potential for disturbance from activity, traffic flow and surface coating on material.

#### 4.1.3 Condition

The condition of the material is assigned as intact, damaged or poor. Damaged material is identified by broken or cut surfaces exposing fibres in the material.

#### 4.2 Lead paint inspection

A visual inspection for painted surfaces for lead was conducted. The age and presence of paint on the surfaces was identified. Some representative painted surfaces were scrapped to enable all paint layers to be revealed. Some paint layers were swabbed with *Lead Check* field testing kit to confirm the presence of lead in the paint. The presence of lead is confirmed by a colormetric reaction indicating a level of lead greater than 0.2% w/w. The amount and sampling program assumed similar paint was used throughout the building.

#### 4.3 Polychlorinated biphenyls (PCB)

A visual inspection of light fittings in the building was undertaken. An assessment of potential PCB content was made based on available information including capacitor type, age, appearance, shape, material of construction and/or weight.

#### 4.4 Synthetic mineral fibres (SMF)

Synthetic mineral fibres were identified by visual assessment. Wall cavities and subfloor spaces were not inspected.

#### 4.5 Ozone depleting substances (ODS)

ODS were identified by assessment of equipment which may contain ODS and cross referencing of those substances listed on *Inventory of Trade Names of Chemical Products Containing Ozone Depleting Substances and Their Alternatives* (UNEP Technology, Industry and Economics 2001).

#### 4.5 Other hazards

Other hazards including flammable and combustible materials and radioactive sources were identified by visual assessment.

#### 5. Assessment criteria

#### 5.1 Asbestos

Friability, accessibility and condition are assigned a rating based on risk to human health (Table 1).

**Table 1.** Assessment criteria

Friability		Acc	Accessibility		Condition	
Description	Rating	Description	Rating	Description	Rating	
Bonded	1	Low	1	Intact	1	
Friable	2	Medium	2	Damaged	2	
		High	3	Poor	3	

The assessment of friability, accessibility and condition are used to assign a risk to human health and determine priority of action required (Table 2). The friability, accessibility and condition ratings are multiplied together to give a risk rating and action priority.

**Table 2.** Assessment risk rating

Rating	Description	Risk	Action priority
1	Very low risk to persons nearby	The material will be concealed and not accessible and bonded in good condition	Managed by routine procedures (P1)
2	Low risk to persons nearby	The material will be concealed and not accessible and bonded in good condition	Managed by routine procedures (P2)
3 to 4	Low to moderate risk to persons nearby	The material will be in relatively good condition and have medium accessibility, or bonded but highly accessible or in poor condition but not accessible	Medium priority action required (P3)
5 to 8	Moderate to high risk to persons nearby	The material will be highly accessible bonded but damaged	Management intervention required (P4)
9 to 18	High to extreme risk to persons nearby, an extreme risk to human health	The material will be highly accessible and friable	Immediate action required (P5)

#### 5.2 Lead paint

The AS4361.2 (2017) classification of lead paint is material with a lead level of greater than 0.1%. SafeWork NSW classify lead paint work as activities that have potential to result in elevated blood levels of removalists. The lead check swabs provide a level of detection if used correctly of 0.1-0.2% and considered suitable for determining if additional testing is required to be undertaken.

#### 5.3 Polychlorinated biphenyls (PCB)

A visual inspection of light fittings in the buildings was undertaken. Light fittings were cross referenced against the list of PCB containing and PCB free equipment listed in *Identification of PCB-Containing Capacitors: An Information Booklet for Electricians and Electrical Contractors* (ANZECC 1997).

#### 5.4 Synthetic mineral fibres

SMF is classified into three main groups; glasswool, rockwool and refractory ceramic fibres (RCF). Glasswool and rockwool were classified in 2001 as 'Category 3 – not classifiable as carcinogenic to humans'. RCF remains classified as *Category 2B-possibly carcinogenic to* humans (SafeWork NSW 2015).

## 5.5 Ozone depleting substances

ODS were assessed on a presence/absence basis.

#### 5.6 Other hazards

Other hazards including flammable and combustible materials and radioactive sources were assessed on a presence/absence basis.

#### 6. Results

The *Blayney MPS* was partially occupied at the time of inspection. Friable asbestos, non-friable asbestos, lead, SMF and flammable and combustible materials and radioactive sources were identified throughout the building. The hazardous materials were in good to damaged condition with low to moderate accessibility and are considered a very low to high health risk.

The hazardous materials register is presented in Appendix 1.

#### 6.1 Asbestos

Non-friable asbestos was identified throughout *Blayney MPS* in Buildings 1 and 3 internally and externally as cement sheeting and bituminous resin board (Table 3). The asbestos materials were in a good to damaged condition and a very low to low risk.

Friable asbestos was identified throughout Building 3, emergency generator room as gaskets (Table 3). The asbestos materials were in good condition and pose a low health risk.

#### 6.2 Lead

Lead paint was identified in Building 3, emergency generator room as white paint on the walls (Table 3). The material was in a fair condition.

#### 6.3 Polychlorinated biphenyls (PCB)

No PCBs were identified in the building.

#### 6.4 Synthetic mineral fibres (SMF)

Synthetic mineral fibres were identified in Buildings 1, 3, 4 and 6 as insulation in the ceiling cavities, hot water systems and heaters and pipes (Table 3). The material was in a good condition.

## 6.5 Ozone depleting substances (ODS)

No ODSs were identified in the building.

#### 6.6 Other hazards

Flammable and combustible materials were identified in Building 1 X-ray room, chemical storeroom, oxygen storeroom and throughout the building as oxygen tanks and hand sanitiser. Building 4 contained 30L of diesel and 30L of petrol stored within a flammable liquid cabinet (Table 3). The material was in good condition. Radioactive sources were suspected to be located within the X-ray room but were not identified at the time of the inspection.

**Table 3.** Location of hazardous materials

Register ID number	Building	Location	Hazardous material	Risk
2	Building 1	External, soffit ceiling, breezeway	Asbestos	Low
3	Building 1	External, part south eastern eaves	Asbestos	Low
10	Building 3	External, part eaves	Asbestos	Very low
11	Building 3, emergency	Internal, Rolls Royce generator, exhaust, gasket below	Asbestos	Low
	generator room	coil		
12	Building 3, emergency generator room	Internal, Rolls Royce generator, exhaust, gasket above coil	Asbestos	Low
15	Building 3, emergency generator room	Internal, hot water pipes above gas heater, vertical gasket	Asbestos	Low
16	Building 3, emergency generator room	Internal, hot water pipes above gas heater, horizontal gasket	Asbestos	Low
17	Building 3, emergency generator room	Internal, redundant pipe valve, gasket	Asbestos	Low
18	Building 3, emergency generator room	Internal, old heater, hot water gasket	Asbestos	Low
19	Building 3, emergency generator room	Internal, western wall, meter board	Asbestos	Low
29	Building 3, emergency generator room	Internal, walls	Lead	Moderate
30	Building 1	External, hot water system	Synthetic mineral fibres	Low
31	Building 1	External, hot water system, pipework	Synthetic mineral fibres	Low
32	Building 1	Internal, western wing, ceiling cavity	Synthetic mineral fibres	Low
29	Building 1	Internal, eastern wing, ceiling cavity	Synthetic mineral fibres	Low
30	Building 1	Internal, kitchen, hot water system	Synthetic mineral fibres	Low
33	Building 1	Internal, kitchen, hot water heaters	Synthetic mineral fibres	Low
34	Building 3	Internal, emergency generator room, pipework	Synthetic mineral fibres	Low
35	Building 3	Internal, emergency generator room, gas heaters	Synthetic mineral fibres	Low
36	Building 3	Internal, emergency generator room, electric heater	Synthetic mineral fibres	Low
37	Building 3	Internal, emergency generator room, old electric heater	Synthetic mineral fibres	Low
38	Building 3	Internal, workshop, ceiling lining	Synthetic mineral fibres	Low
39	Building 4	Internal, garage, ceiling lining	Synthetic mineral fibres	Low
40	Building 6	Internal, storage shed, ceiling lining	Synthetic mineral fibres	Low
41	Building 1	Internal, X-ray room, oxygen tank	Flammable/combustible materials	Low
42	Building 1	Internal, chemical storeroom, hand sanitizer	Flammable/combustible materials	Low
43	Building 1	Internal, throughout all areas, hand sanitizer	Flammable/combustible materials	Low
44	Building 1	Internal, oxygen storeroom, oxygen bottles	Flammable/combustible materials	Low
45	Building 1	Internal, throughout all areas, oxygen bottles	Flammable/combustible materials	Low
46	Building 4	Internal, flammable liquid cabinet, diesel	Flammable/combustible materials	Low
47	Building 4	Internal, flammable liquid cabinet, petrol	Flammable/combustible materials	Low
48	Building 1	Internal, X-ray room, radioactive source	Radiation	Low

# 7. Conclusions

Asbestos containing materials were identified in the buildings. Non-friable asbestos was identified in Buildings 1 externally as cement sheeting and Building 3 internally and externally as cement sheeting

and bituminous resin board. The asbestos materials were in a good to damaged condition with low accessibility and pose a very low to low health risk.

Friable asbestos was identified throughout Building 3, emergency generator room as gaskets (Table 3). The asbestos materials were in good condition with low accessibility and pose a low health risk.

Lead paint was identified in Building 3, emergency generator room as white paint on the walls. The material was in a fair condition with medium accessibility and is a moderate health risk.

Synthetic mineral fibres were identified in Buildings 1, 3, 4 and 6 as insulation in the ceiling cavities, hot water systems and heaters and pipes. The material was in a good condition with low accessibility and is considered a low health risk

Flammable and combustible materials were identified in Building 1 X-ray room, chemical storeroom, oxygen storeroom and throughout the building as oxygen tanks and hand sanitiser. Building 4 contained diesel and petrol stored within a flammable liquid cabinet. The material was in good condition with low accessibility and is considered a low health risk. Radioactive sources were suspected to be located within the X-ray room but were not identified at the time of the inspection. The materials are expected to be in a good condition with low accessibility.

#### 8. Recommendations

Recommendations for areas containing hazardous materials are summarised below. Additional recommendations are presented in the Hazardous materials register (Appendix 1).

Friable asbestos was identified in Building 3 emergency generator room. The material should be encapsulation or sealed in PVA.

Non-friable very low to low risk asbestos containing materials should be managed by:

- Place warning labels on asbestos material
- Mechanical damage should be avoided
- Remove for renovations
- Repair damaged material

Disturbance or removal of non-friable ACM should be undertaken by a contractor with a Class A or B asbestos removal licence. Disturbance or removal of friable ACM should be undertaken by a contractor with a Class A asbestos removal licence. Works should be undertaken in accordance with SafeWork NSW guidelines including:

Safe Work Australia (2019) How to manage and control asbestos in the workplace Code of Practice

Safe Work Australia (2019) How to safely remove asbestos Code of Practice

Lead paint should be managed in accordance with AS4361.1 (2017) with the appropriate PPE.

Handling, removal and disposal of SMF should be undertaken in accordance with SafeWork Guidelines with the appropriate PPE.

Handling, removal and disposal of flammable and combustible materials should be undertaken in accordance with SafeWork Guidelines with the appropriate PPE.

Radioactive sources need to be managed in accordance with EPA regulations.

# **Appendices**

Appendix 1a. Hazardous materials register (Asbestos)

	idix Ta. Hazardous materiais registe				
Job no	15064	Location		nan Street, Blayney N	ISW
ID	1	Building	Building 1	<b>-</b>	0.
Location	External, eaves	Material description	Cement sheeting	Extent (m	•
		Identification	Visual □	Laboratory ⊠ (15064-12)	Presumed □
		Asbestos	Yes □	No ⊠	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
7		Classification	Non-friable (1) □	Friable (2) □	
		Condition:	` '	Damaged (2) □	Door /2\ □
			Intact (1)		Poor (3) □
		Accessibility:	Low (1) □	Medium (2) □	High (3) □
		Risk rating: -	1-2 – Very low to low, 3-	-4 – Moderate, 5-8 –nigi	1, 9-18 – very nign
		Recommendations:			
		Warning labels □		Remove/replace □	
		Monitor condition yearly		Avoid mechanical da	amage 🗆
		Repair required		Remove for renovati	ions 🗆
		Restrict access □		Remove for demoliti	on 🗆
		Comments			
Job no	15064	Location	Blayney MPS, 3 Osn	nan Street, Blayney N	ISW
ID	2	Building	Building 1		
Location	External, part southern eaves	Material description	Cement sheeting	Extent (m	<sup>2</sup> ) 15
		Identification	Visual ⊠	Laboratory	Presumed ⊠
		Asbestos	Yes ⊠	No □	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) ⊠	Friable (2) □	
		Condition:	, ,	` '	Door /2\ □
_			Intact (1) ⊠	Damaged (2) □	Poor (3) □
		Accessibility:	Low (1) ⊠	Medium (2) □	High (3) □
		Risk rating: 1	1-2 – Very low to low, 3-	-4 – Moderate, 5-8 –higt	1, 9-18 – very high
		Recommendations:			
		Warning labels ⊠		Remove/replace □	
		Monitor condition yearly	$\boxtimes$	Avoid mechanical da	amage ⊠
		Repair required		Remove for renovati	ions 🗵
	The second of th	Restrict access □		Remove for demoliti	on 🗆
		Comments			
Job no	15064	Location		nan Street, Blayney N	ISW
ID	3	Building	Building 1		0) 40
Location	External, soffit ceiling breezeway	Material description	Cement sheeting	Extent (m	•
		Identification	Visual □	Laboratory ⊠ (15064-10)	Presumed □
		Asbestos	Yes ⊠	No □	Possible □
	1	Туре	Chrysotile ⊠	Amosite □	Crocidolite □
	N. C.	Classification	Non-friable (1) ⊠	Friable (2) □	
		Condition:	Intact (1)	Damaged (2) ⊠	Poor (3) □
	84	Accessibility:	Low (1) ⊠	Medium (2) □	High (3) □
	4. 1	Risk rating: 2	1-2 – Very low to low, 3-	` '	
2		Recommendations:	. 2 7513 1011 10 1014, 0	. modorato, o o mgi	., 5 10 VOLY IIIGH
TIME		Warning labels ⊠		Remove/replace □	
1		Monitor condition yearly	$\square$	Avoid mechanical da	amane 🖂
7		Repair required		Remove for renovati	-
		Restrict access	roomowou katwaas bee	Remove for demoliti	

Job no ID	15064 <b>4</b>	Location Building	Building 1	man Street, Blayney NSW	
Locatio n	External, southern entrance, ceiling/eaves	Material description	Cement sheeting	Extent (m	<b>1<sup>2</sup>)</b> 50
		Identification	Visual □	Laboratory ⊠ (15064-11)	Presumed □
		Asbestos	Yes □	No ⊠	Possible □
Alberta.	Ш	Туре	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) □	Friable (2) □	
The same of the sa		Condition:	Intact (1) □	Damaged (2)	Poor (3) □
The same of	All the second s	Accessibility:	Low (1) $\Box$	Medium (2) □	High (3) □
	Nan Estrance **	Risk rating: -	, ,	3-4 – Moderate, 5-8 –hig	
	Admissions -	Recommendations:			
5 1/4 A		Warning labels □		Remove/replace □	
		Monitor condition yearly	y 🗆	Avoid mechanical d	amage □
		Repair required	•	Remove for renoval	-
		Restrict access		Remove for demolit	ion 🗆
		Comments			
Job no ID	15064 <b>5</b>	Location Building	Building 1	sman Street, Blayney I	NSW
Location	External, eastern wing, eaves	Material description	Cement sheeting	Extent (m	
		Identification	Visual □	Laboratory ⊠ (15064-15)	Presumed □
		Asbestos	Yes □	No ⊠	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) $\square$	Friable (2) □	
		Condition:	Intact (1) □	Damaged (2) □	Poor (3) □
		Accessibility:	Low (1) □	Medium (2) $\square$	High (3) □
		Risk rating: - Recommendations:	1-2 – Very low to low,	3-4 – Moderate, 5-8 –hig	h, 9-18 – very higl
		Warning labels □		Remove/replace □	
		Monitor condition yearly	y 🗆	Avoid mechanical d	amage $\square$
		Repair required		Remove for renoval	tions 🗆
		Restrict access   Comments		Remove for demolit	ion 🗆
		Comments			
Job no	15064	Location	Blayney MPS, 3 Os	sman Street, Blayney I	NSW
ID	6	Building	Building 1	<b>=</b>	2) 40
Location	External, eastern wing, eaves, instable below gutter	side Material description	Cement sheeting	Extent (m	n²) 40
	•	Identification	Visual □	Laboratory ⊠ (15064-16)	Presumed □
	TAX NO.	Asbestos	Yes □	No ⊠	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) $\square$	Friable (2) □	
		Condition:	Intact (1) □	Damaged (2) □	Poor (3) □
	10	Accessibility:	Low (1) □	Medium (2) $\square$	High (3) □
18 W. 1		Risk rating: -	1-2 – Very low to low,	3-4 – Moderate, 5-8 –hig	h, 9-18 – very hig
THE PERSON NAMED IN		Recommendations:			
		Warning labels □		Remove/replace □	
Y .		Monitor condition yearly	y 🗆	Avoid mechanical d	amage $\square$
Se limber		Repair required		Remove for renova	tions 🗆
Lag HHHH					
		Restrict access □		Remove for demolit	ion 🗆

Job no ID	15064 <b>7</b>	Location Building	Building 1	nan Street, Blayney N	
Location	Internal, hallway toilet, walls	Material description	Cement sheeting	Extent (m	<sup>2</sup> ) 20
		Identification	Visual □	Laboratory ⊠ (15064-13)	Presumed □
		Asbestos	Yes □	No ⊠	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
200		Classification	Non-friable (1) $\square$	Friable (2) □	
		Condition:	Intact (1)	Damaged (2) □	Poor (3) □
Contract of the Contract of th		Accessibility:	Low (1) □	Medium (2) □	High (3) □
		Risk rating: -	1-2 – Very low to low, 3-	` '	
	1	Recommendations:			
		Warning labels □		Remove/replace □	
Alle		Monitor condition yearly		Avoid mechanical da	amage □
1.8		Repair required		Remove for renovati	ons 🗆
1 0		Restrict access □		Remove for demolities	on 🗆
		Comments			
Job no	15064	Location		nan Street, Blayney N	ISW
ID	8	Building	Building 1	E 417	2) 50
Location	Internal, eastern hallway, floor	Material description Identification	Vinyl tiles	Extent (m	
		identification	Visual □	Laboratory ⊠ (15064-14)	Presumed □
1		Asbestos	Yes □	No ⊠	Possible □
		Туре	Chrysotile □	Amosite □	Crocidolite □
1	1 1/1	Classification	Non-friable (1) □	Friable (2) □	
		Condition:	Intact (1)	Damaged (2) □	Poor (3) □
		Accessibility:	Low (1) □	Medium (2) □	High (3) □
		Risk rating: -	` '	-4 – Moderate, 5-8 –high	• ( )
		Recommendations:	•		
		Warning labels □		Remove/replace □	
		Monitor condition yearly		Avoid mechanical da	amage $\square$
		Repair required		Remove for renovati	ons $\square$
		Restrict access □		Remove for demolities	on 🗆
		Comments B	elow carpet		
Job no	15064	Location	Blavnev MPS 3 Osn	nan Street, Blayney N	ISW
	9	Building	Building 1	man ou oou, blaymoy n	
Location	Internal, eastern wing, manhole cover	Material description	Cement sheeting	Extent (m	<sup>2</sup> ) <1
		Identification	Visual □	Laboratory ⊠ (15064-17)	Presumed □
		Asbestos	Yes □	No ⊠	Possible □
		Type	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) $\square$	Friable (2) □	
(-		Condition:	Intact (1) □	Damaged (2) □	Poor (3) □
	The state of the s	Accessibility:	Low (1) □	Medium (2) □	High (3) □
	Visit I I	Risk rating: -	1-2 – Very low to low, 3-	-4 – Moderate, 5-8 –high	n, 9-18 – very high
		Recommendations:			
	A STATE OF THE STA	Warning labels □		Remove/replace $\square$	
		Monitor condition yearly		Avoid mechanical da	
		Repair required		Remove for renovati	ons 🗆
		Restrict access □		Remove for demolities	on 🗆
		Comments			

Dot   15084   Dot   Do						
Cement sheeling	Job no	15064	Location		man Street, Blayney I	NSW
Identification   Visual   Laboratory ⊠ Presumed   (15064-9)						
Abbestos   Yes	Location	External, eaves				
Type			Identification	Visual □	•	Presumed □
Classification   Non-frable (1)	B		Asbestos	Yes ⊠	No □	Possible □
Condition:   Intact (1)			Туре	Chrysotile ⊠	Amosite □	Crocidolite □
Accessibility: Low (1) ⊠ Medium (2) □ High (3) □ 12 − Very low to low, 34 − Moderate, 58 − lingh, 9-18 − very high Recommendations:  Warning labels ⊠ Remove for renovations ⊠ Restrict access □ Remove for renovations ⊠ Restrict access □ Remove for demolition □ Comments    Job no   15064			Classification	Non-friable (1) ⊠	Friable (2) □	
Accessibility:   Low (1)   Medium (2)   High (3)   Risk rating: 1   1-2-Very low to low, 3-4-Moderate, 5-8-high, 9-18- very high Recommendations:   Warning labels   Monitor condition yearty   Remove for renovations   Restrict access   Remove for demolition   Remove for demolition	\	•	Condition:	Intact (1) 🖂	Damaged (2) □	Poor (3) □
Risk rating: 1	1		Accessibility:	` '		` '
Recommendations:   Warming labels   Manitor condition   Martial description   Repair required   Remove for renovations   Restrict access   Remove for demolition   Restrict   Remove for demolition   Remove for		100	Risk rating: 1	` '	` '	
Monitor condition yearly			Recommendations:			
Monitor condition yearly			Warning labels ⊠		Remove/replace □	
Repair required   Remove for renovations   Remove for demolition   Restrict access   Remove for demolition   Remove for demolition   Restrict access   Remove for demolition   Restrict access   Remove for demolition   Restrict access   Remove for demolition   Rem	137 3		_	$\boxtimes$	•	amage ⊠
Restrict access   Remove for demolition						•
Location   I5084   Location   Building   Building   Building   Building   S, emergency generator rown   Fibrous gasket   Extent (m²) <1					Remove for demolit	ion □
Job no   15064					Tromovo for domone	.0
Date   Internal, Rolls Royce generator, exhaust, gasket below coil						
Date   Internal, Rolls Royce generator, exhaust, gasket below coil						
Location   Internal, Rolls Royce generator, exhaust, gasket below coil   Laboratory   Presumed   Laboratory   Presumed   Laboratory   Respective   Laboratory   Presumed   Laboratory   Laboratory   Presumed   Laboratory   Laboratory   Laboratory   Laboratory   Laboratory   Laboratory   Laboratory   Laboratory   Presumed   Laboratory   Laboratory   Laboratory   Presumed   Laboratory   Laboratory   Laboratory   Presumed   Laboratory   Laboratory   Presumed   Laboratory   Laboratory   Presumed   Laboratory	Job no	15064	Location	Blayney MPS, 3 Os	man Street, Blayney I	NSW
Exhaust, gasket below coil		• •				
Identification	Location		Material description	Fibrous gasket	Extent (m	n²) <1
Asbestos Yes ⊠ No □ Possible □ Type Chrysotile ⊠ Amosite □ Crocidolite □ Classification Non-friable (1) □ Damaged (2) ☑ Poor (3) □ Accessibility: Low (1) □ Medium (2) ☒ High (3) □ Risk rating: 8 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Recommendations: Warning labels ☒ Remove/replace □ Monitor condition yearly ☒ Avoid mechanical damage ☒ Repair required □ Remove for demolition □     Dob no		exhaust, gasket below coil	Identification	\"   F	I ala anatama.	
Asbestos   Possible   Crocidolite   Crocidolite   Classification   Non-friable (1)   Friable (2)   Condition:   Intact (1)   Damaged (2)   Poor (3)   Accessibility:   Low (1)   Medium (2)   High (3)   Risk rating: 8   1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Recommendations:   Warning labels   Remove/replace   Remove for renovations   Restrict access   Remove for demolition   Remove for demolition   Restrict access   Remove for demolition   Remove for renovations   Restrict access   Remove for demolition   Remove for renovations   Remove for demolition			identification	Visual 🗆	•	Presumed L
Type   Chrysotile   Amosite   Crocidoitte   Classification   Non-friable (1)   Friable (2)   Poor (3)   Accessibility:   Low (1)   Medium (2)   High (3)   Risk rating: 8   1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Recommendations: Warning labels   Remove/replace   Monitor condition yearly   Avoid mechanical damage   Repair required   Remove for demolition   Restrict access   Remove for demolition	19	The state of the s	Ashastas	Voc ⊠	,	Descible 🗆
Classification Non-friable (1) □ Friable (2) ☒ Poor (3) □ Accessibility: Low (1) □ Damaged (2) ☒ Poor (3) □ Accessibility: Low (1) □ Medium (2) ☒ High (3) □ Risk rating: 8 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Recommendations:  Warning labels ☒ Remove/replace □ Remove for renovations ☒ Repair required □ Remove for demolition □ Restrict access □ Remove for demolition □ Restri		THE WAY			-	
Condition: Infact (1) □ Damaged (2) □ Poor (3) □ Accessibility: Low (1) □ Medium (2) □ High (3) □ Risk rating: 8 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Recommendations: Warning labels □ Remove/replace □ Remove for renovations □ Restrict access □ Remove for demolition □				•		Crocidolite 🗆
Accessibility:   Low (1)				` '	` '	Dags (2) 🖂
Risk rating: 8 Recommendations:  Warning labels ⊠ Remove/replace □ Monitor condition yearly ⊠ Avoid mechanical damage ⊠ Repair required □ Remove for renovations ⊠ Restrict access □ Remove for demolition □  Location Internal, Rolls Royce generator, exhaust, gasket above coil    Comments   Comments				` '		` '
Recommendations:   Warning labels	0.166		_	\ /	` '	• ( )
Warning labels			•	1-2 - Very low to low, c	5-4 - Moderate, 5-6 -rilig	11, 9-10 – Very High
Monitor condition yearly ⊠ Remove for renovations ⊠ Remove for renovations ⊠ Remove for demolition □    Restrict access □ Remove for demolition □ Restrict access □ Remove for demolition □ Restrict access □ Remove for demolition □ Restrict access □ Remove for demolition □ Restrict access □ Remove for demolition □ Remove for demolition □ Restrict access □ Remove for demolition □ Remove for demolition □ Restrict access □ Remove for demolition □ Restrict					Remove/replace □	
Repair required ☐ Remove for renovations ☒ Restrict access ☐ Remove for demolition ☐    Restrict access ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Restrict access ☐ Remove for demolition ☐ Remove	135		_	$\square$	•	amane ⊠
Restrict access   Remove for demolition   Restrict access   Remove for demolition			, ,			•
Location   Blayney MPS, 3 Osman Street, Blayney NSW   Building 3, emergency generator room   Fibrous gasket   Extent (m²)   <1	TO A SUPE					
Job no 15064   Location   Building   Building   Signey MPS, 3 Osman Street, Blayney NSW   Building   Signey					rtomove for demone	ЮП 🗀
D   12						
D   12	Job no	15064	Location	Blayney MPS, 3 Os	man Street, Blayney I	NSW
exhaust, gasket above coil    Identification		12	•			
Identification	Location		Material description	Fibrous gasket	Extent (m	n²) <1
Asbestos Yes ⋈ No □ Possible □ Type Chrysotile ⋈ Amosite □ Crocidolite □ Classification Non-friable (1) □ Friable (2) ⋈ Condition: Intact (1) □ Damaged (2) ⋈ Poor (3) □ Accessibility: Low (1) □ Medium (2) ⋈ High (3) □ Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations: Warning labels ⋈ Remove/replace □ Monitor condition yearly ⋈ Avoid mechanical damage ⋈ Repair required □ Remove for renovations ⋈ Restrict access □ Remove for demolition □		exhaust, gasket above con	Identification	Vigual 🗆	Laboratory 🖂	Drogumod 🗆
Asbestos Yes ⊠ No □ Possible □ Type Chrysotile ⊠ Amosite □ Crocidolite □ Classification Non-friable (1) □ Friable (2) ⊠ Condition: Intact (1) □ Damaged (2) ☒ Poor (3) □ Accessibility: Low (1) □ Medium (2) ☒ High (3) □ Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations: Warning labels ☒ Remove/replace □ Monitor condition yearly ☒ Avoid mechanical damage ☒ Repair required □ Remove for renovations ☒ Restrict access □ Remove for demolition □			lacitineation	Visual 🗀	•	Fresumeu 🗆
Type Chrysotile ⋈ Amosite □ Crocidolite □ Classification Non-friable (1) □ Friable (2) ⋈ Condition: Intact (1) □ Damaged (2) ⋈ Poor (3) □ Accessibility: Low (1) □ Medium (2) ⋈ High (3) □ Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations: Warning labels ⋈ Remove/replace □ Monitor condition yearly ⋈ Avoid mechanical damage ⋈ Repair required □ Remove for renovations ⋈ Restrict access □ Remove for demolition □	# 115		Asbestos	Yes ⊠	, ,	Possible □
Classification Non-friable (1) □ Friable (2) ☒ Poor (3) □  Accessibility: Low (1) □ Medium (2) ☒ High (3) □  Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations:  Warning labels ☒ Remove/replace □  Monitor condition yearly ☒ Avoid mechanical damage ☒  Repair required □ Remove for renovations ☒  Restrict access □ Remove for demolition □	2					
Condition: Intact (1) □ Damaged (2) ☒ Poor (3) □ Accessibility: Low (1) □ Medium (2) ☒ High (3) □ Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations: Warning labels ☒ Remove/replace □ Monitor condition yearly ☒ Avoid mechanical damage ☒ Repair required □ Remove for renovations ☒ Restrict access □ Remove for demolition □				•		Orocidonic 🗆
Accessibility: Low (1) □ Medium (2) ☒ High (3) □ Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations:  Warning labels ☒ Remove/replace □ Monitor condition yearly ☒ Avoid mechanical damage ☒ Repair required □ Remove for renovations ☒ Restrict access □ Remove for demolition □				. ,	• •	Poor (3) □
Risk rating: 8 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high Recommendations:  Warning labels ⊠ Remove/replace □  Monitor condition yearly ⊠ Avoid mechanical damage ⊠  Repair required □ Remove for renovations ⊠  Restrict access □ Remove for demolition □				٠,		` '
Recommendations:  Warning labels ⊠  Monitor condition yearly ⊠  Repair required □  Restrict access □  Remove/replace □  Avoid mechanical damage ⊠  Remove for renovations ⊠  Remove for demolition □			_	` '	` '	
Warning labels ⊠  Monitor condition yearly ⊠  Remove/replace □  Avoid mechanical damage ⊠  Repair required □  Restrict access □  Remove for renovations ⊠  Remove for demolition □	T VA		•	2.7.2	, , , , , , , , , , , , , , , , , , ,	,
Monitor condition yearly ⊠ Repair required □ Restrict access □ Remove for renovations ⊠ Remove for demolition □					Remove/replace □	
Repair required □ Remove for renovations ☑ Restrict access □ Remove for demolition □			_	$\boxtimes$	•	amage ⊠
Restrict access □ Remove for demolition □	C.			_		•
			Comments		. Comovo for domone	

Job no ID Location	15064 13 Internal, hot water pump tra mastic around edge	Location Building y, black Material desc	Building 3, em	Blayney MPS, 3 Osman Street, Blayney NSW Building 3, emergency generator room Bituminous mastic Extent (m²) <1		
		Identification	Visual □	Laboratory (15064-3)	⊠ Presume	ed 🗆
		Asbestos	Yes □	No ⊠	Possible	<del>.</del> □
1000	1000000	Type	Chrysotile □	Amosite □	Crocidoli	
		Classification				
		Condition:	Intact (1) □	Damaged (2)		١П
		Accessibility	` '	Medium (2) □	( )	
		Risk rating: Recommend	- 1-2 – Very low to	b low, 3-4 – Moderate, 5	U ( )	
		Warning label		Remove/repla	асе □	
		Monitor condi			nical damage	1
		Repair require			enovations	•
		Restrict acces		Remove for d		
		Comments				
Job no	15064	Location		3 Osman Street, Bla		
ID	14	Building		ergency generator ro		
Location	Internal, hot water pump gas	ket Material description		Laboratory	ent (m²) <1 ⊠ Presume	
		identification	Visual 🗀	(15064-4)	△ FIESUIIIE	eu 🗀
		Asbestos	Yes □	(10004 4) No ⊠	Possible	e 🗆
		Type	Chrysotile □	Amosite □	Crocidoli	
		Classification	•			
	A STATE	Condition:	Intact (1)	Damaged (2)		\ <b>_</b>
		Accessibility	, ,	Medium (2) □	` '	
OF THE T	111	Risk rating: Recommend	- 1-2 – Very low to	b low, 3-4 – Moderate, 5-	J ( )	
rite		Warning label	s 🗆	Remove/repla	ace 🗆	
		Monitor condi	tion yearly □	Avoid mechar	nical damage $\square$	]
120	A JUNE	Repair require	ed 🗆	Remove for re	enovations 🗆	
		Restrict acces	ss 🗆	Remove for d	emolition	
		Comments				
Job no ID	15064 <b>15</b>	Location Building		, 3 Osman Street, Bla ergency generator ro		
Location	Internal, hot water pipes ab heater, vertical gasket	ove gas Material desc	<b>cription</b> Fibrous gaske	et (red) Exte	ent (m²) <1	
		Identification		Laboratory (15064-5)	⊠ Presume	
			Yes ⊠	No □	Possible	
0.5	Mean Louis	Asbestos		_		lite 🗆
9.3	Na.	Туре	Chrysotile ⊠	Amosite	Crocidol	
9.7	IN THE STATE OF TH	Type Classification	Chrysotile ⊠ Non-friable (1)	☐ Friable (2) ⊠		
	N. ION CONTRACTOR OF THE PARTY	Type Classification Condition:	Chrysotile ⊠ Non-friable (1) Intact (1) □	☐ Friable (2) ⊠ Damaged (2)		) 🗆
		Type Classification Condition: Accessibility	Chrysotile ⊠  Non-friable (1)  Intact (1) □  Low (1) □	☐ Friable (2) ☒ Damaged (2) Medium (2) ☒	<ul><li>✓ Poor (3)</li><li>✓ High (3)</li></ul>	) 🗆
6.3		Type Classification Condition: Accessibility Risk rating:	Chrysotile ⊠  Non-friable (1)  Intact (1) □  Low (1) □  8 1-2 – Very low to	☐ Friable (2) ⊠ Damaged (2)	<ul><li>✓ Poor (3)</li><li>✓ High (3)</li></ul>	) 🗆
		Type Classification Condition: Accessibility Risk rating: Recommend	Chrysotile ⊠ Non-friable (1) Intact (1) □ Low (1) □ 8 1-2 – Very low to ations:	☐ Friable (2) ☐ Damaged (2) Medium (2) ☐ Dolow, 3-4 – Moderate, 5-	⊠ Poor (3) ☑ High (3) -8 –high, 9-18 – ve	) 🗆
		Type Classification Condition: Accessibility Risk rating: Recommend Warning label	Chrysotile ⊠  Non-friable (1)  Intact (1) □  Low (1) □  8 1-2 – Very low to ations:  s ⊠	□ Friable (2) ⊠ Damaged (2) Medium (2) ☑ blow, 3-4 – Moderate, 5-	☑ Poor (3) ☑ High (3) -8 –high, 9-18 – ve	) □ ) □ ery hig
		Type Classification Condition: Accessibility Risk rating: Recommend Warning label Monitor condi	Chrysotile  Non-friable (1) Intact (1)  Low (1)  8 1-2 – Very low to ations: s  tion yearly	□ Friable (2) ⊠ Damaged (2) Medium (2) ☑ Dolow, 3-4 – Moderate, 5- Remove/repla	⊠ Poor (3) ☑ High (3) -8 –high, 9-18 – ve ace □ nical damage ⊠	) □ ) □ ery hig
		Type Classification Condition: Accessibility Risk rating: Recommend Warning label	Chrysotile  Non-friable (1) Intact (1)  Low (1)  8 1-2 – Very low to ations: s  tion yearly	□ Friable (2) ⊠ Damaged (2) Medium (2) ☑ Dolow, 3-4 – Moderate, 5- Remove/repla	Poor (3) High (3) -8 –high, 9-18 – ve ace □ nical damage ⊠ enovations ⊠	) □ ) □ ery hig

Job no	15064	Location	Blavnev MPS, 3 Osi	man Street, Blayney N	ISW
ID	16	Building	Building 3, emergen		1011
Location	Internal, hot water pipes above gas	Material description	Fibrous gasket (red)		<sup>2</sup> ) <1
	heater, horizontal gasket	-			
		Identification	Visual □	Laboratory ⊠ (15064-6)	Presumed □
0.5		Asbestos	Yes ⊠	No 🗆	Possible □
OFF		Туре	Chrysotile ⊠	Amosite □	Crocidolite □
		Classification	Non-friable (1) □	Friable (2) ⊠	
		Condition:	Intact (1)	Damaged (2) ⊠	Poor (3) □
		Accessibility:	Low (1) $\Box$	Medium (2) ⊠	High (3) □
		Risk rating: 8	1-2 – Very low to low, 3	3-4 – Moderate, 5-8 –higl	
		Recommendations:			
3 11		Warning labels ⊠		Remove/replace □	
		Monitor condition yearly	$\boxtimes$	Avoid mechanical da	amage ⊠
		Repair required		Remove for renovat	ions ⊠
		Restrict access □		Remove for demoliti	ion 🗆
		Comments			
		•			
Job no	15064	Location	Blayney MPS, 3 Osi	man Street, Blayney N	ISW
ID	17	Building	Building 3, emergen	cy generator room	
Location	Internal, redundant pipe valve, gasket	Material description	Fibrous gasket	Extent (m	
		Identification	Visual □	Laboratory ⊠ (15064-7)	Presumed □
		Asbestos	Yes ⊠	No □	Possible □
		Туре	Chrysotile ⊠	Amosite □	Crocidolite □
		Classification	Non-friable (1) □	Friable (2) ⊠	
		Condition:	Intact (1) □	Damaged (2) ⊠	Poor (3) □
11-/		Accessibility:	Low (1) □	Medium (2) ⊠	High (3) □
		Risk rating: 8	1-2 – Very low to low, 3	3-4 – Moderate, 5-8 –higl	h, 9-18 – very high
		Recommendations:			
		Warning labels ⊠		Remove/replace □	
		Monitor condition yearly	$\boxtimes$	Avoid mechanical da	amage ⊠
		Repair required	Remove for renovations		ions 🗵
			Remove for demolition $\square$		
		Restrict access □		Remove for demoliti	ion 🗆
		Restrict access □ Comments		Remove for demoliti	ion 🗆
				Remove for demoliti	on 🗆
Joh no	15064	Comments	Blavnev MPS 3 Os		
Job no ID	15064 <b>18</b>	Comments		man Street, Blayney N	
		Comments	Blayney MPS, 3 Osi Building 3, emergen Fibrous gasket	man Street, Blayney N	NSW
ID	18	Comments  Location Building	Building 3, emergen	man Street, Blayney N cy generator room	NSW
ID	18	Location Building Material description	Building 3, emergen Fibrous gasket	man Street, Blayney N cy generator room <b>Extent (m</b> Laboratory ⊠	NSW <sup>2</sup> ) <1
ID	18	Location Building Material description Identification Asbestos Type	Building 3, emergen Fibrous gasket Visual □	man Street, Blayney N cy generator room	NSW  2) <1  Presumed
ID	18	Location Building Material description Identification Asbestos	Building 3, emergen Fibrous gasket Visual □ Yes ⊠	man Street, Blayney Now the street of the st	NSW  2) <1  Presumed  Possible
ID	18	Location Building Material description Identification Asbestos Type	Building 3, emergen Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠	man Street, Blayney N cy generator room	NSW  2) <1  Presumed  Possible
ID	18	Location Building Material description Identification Asbestos Type Classification	Building 3, emergen Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □	man Street, Blayney N cy generator room	NSW  2) <1  Presumed   Possible   Crocidolite
ID	18	Location Building Material description Identification Asbestos Type Classification Condition:	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □	man Street, Blayney Nocy generator room  Extent (mage of the content of the conte	Presumed  Possible  Crocidolite  Poor (3)  High (3)
ID	18	Location Building Material description Identification Asbestos Type Classification Condition: Accessibility:	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □	man Street, Blayney Nocy generator room  Extent (mage of Laboratory (15064-8)  No	Presumed  Possible  Crocidolite  Poor (3)  High (3)
ID	18	Location Building Material description Identification  Asbestos Type Classification Condition: Accessibility: Risk rating: 8	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □	man Street, Blayney Nocy generator room  Extent (mage of Laboratory (15064-8)  No	Presumed  Possible  Crocidolite  Poor (3)  High (3)
ID	18	Location Building Material description Identification  Asbestos Type Classification Condition: Accessibility: Risk rating: 8 Recommendations:	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □  1-2 – Very low to low, 3	man Street, Blayney Noy generator room  Extent (magnetic line)  Laboratory (15064-8)  No   Amosite   Friable (2)   Damaged (2)   Medium (2)    Medium (2)   3-4 – Moderate, 5-8 – high	Presumed  Possible  Crocidolite  Poor (3)  High (3)  h, 9-18 – very high
ID	18	Location Building Material description Identification  Asbestos Type Classification Condition: Accessibility: Risk rating: 8 Recommendations: Warning labels	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □  1-2 – Very low to low, 3	man Street, Blayney Noy generator room  Extent (mage of Laboratory (15064-8))  No	Presumed □  Possible □  Crocidolite □  Poor (3) □  High (3) □  h, 9-18 – very high
ID	18	Location Building Material description Identification  Asbestos Type Classification Condition: Accessibility: Risk rating: 8 Recommendations: Warning labels  Monitor condition yearly	Building 3, emergent Fibrous gasket  Visual □  Yes ⊠  Chrysotile ⊠  Non-friable (1) □  Intact (1) □  Low (1) □  1-2 – Very low to low, 3	man Street, Blayney Noy generator room  Extent (mage of Laboratory (15064-8)  No (15064-8)  Amosite (15064-8)  Friable (2) (15064-8)  Medium (2) (15064-8)  Remove/replace (15064-8)	Presumed  Possible  Crocidolite  Poor (3)  High (3)  h, 9-18 – very high

Job no	15064	Location	Blayney MPS, 3 Os	sman Street, Blayney	NSW
ID	19	Building	Building 3, emerge	ncy generator room	
Location	Internal, western wall, meter board	Material description	Bituminous resin be	oard Extent (ı	<b>m</b> ²) 1
		Identification	Visual ⊠	Laboratory	Presumed □
-		Asbestos	Yes □	No □	Possible ⊠
		Туре	Chrysotile □	Amosite □	Crocidolite □
		Classification	Non-friable (1) ⊠	Friable (2) □	
		Condition:	Intact (1) ⊠	Damaged (2)	Poor (3) □
		Accessibility:	Low (1) □	Medium (2) ⊠	High (3) □
		Risk rating: 2	1-2 – Very low to low,	3-4 - Moderate, 5-8 -hi	gh, 9-18 – very high
		Recommendations:			
	N 18 ■	Warning labels ⊠		Remove/replace [	]
		Monitor condition yearl	y 🗵	Avoid mechanical	damage ⊠
		Repair required		Remove for renova	ations 🗵
		Restrict access □		Remove for demol	ition □
		Comments			

Decation   External, breezeway, eastern fascia   Material description   Building   Building   Laboratory   Field screening   (15034-103)   Lead   Ves (1)   No (0)   Possible (1)   Condition:   Sound (1)   Fair (2)   Poor (3)   Very poor to extreme (4)   Accessibility:   Low (1)   Medium (2)   High (3)   Restrict access   Building   Building   Building   Accessibility:   Low (1)   Medium (2)   High (3)   Remove/replace   Monitor condition yearly   Remove for enovations   Remove for enovations   Restrict access   Building   Building   Building   Building   Remove for demolition   Comments   Condition:	Арре	endix 1b. Hazardous materials regist	er (Lead)				
Identification	Job no ID	20	Building	Building 1		•	
Lead	Location	External, breezeway, eastern fascia		•			
Condition:   Sound (1)   Fair (2)   Medium (2)   High (3)   Accessibility:   Nedium (2)   High (3)   Nedium (2)   Nediu					(15034-103)	, and the second	
Accessibility:   Low (1)   Medium (2) \( \) High (3)			Lead	Yes (1) ⊠	No (0) $\square$	Possible (1) □	
Accessibility:   Low (1)   Medium (2)   High (3)   Risk rating: 4   1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high   Concentration:   Recommendations:   Warning labels   Remove/replace   Remove for renovations   Repair required   Remove for demolition   Restrict access   Comments   Remove for demolition   Restrict access   Remove for demolition   Restrict (m2)   Suilding   Restrict (m2)   Suilding   Restrict (m2)   Suilding   Remove for demolition   Restrict (m2)   Restrict access   Remove for demolition   Recommendations:   Remove for demolition   Restrict access   Remove for demolition   Restrict (m2)   Restrict access   Remove for demolition			Condition:	Sound (1) $\square$	Fair (2) ⊠		
Risk rating:	-			Poor (3)	Very poor to extre	eme (4) 🗆	
Risk rating:			Accessibility:	Low (1) □	Medium (2) ⊠	High (3) □	
Concentration:   Recommendations:   Remove/replace			-	, ,	` '	•	
Warning labels   Remove/replace     Monitor condition yearly   Avoid mechanical damage     Repair required   Remove for renovations     Restrict access   Remove for demolition     Positive results for field lead check swab test and laboratory test. Concentrations below SafeWork NSW 0.1% threshold.    Address Building Build				0.022% w/w			
Monitor condition yearly	7		Recommendations:				
Monitor condition yearly			Warning labels □		Remove/replace		
Repair required ☐ Remove for renovations ☐ Restrict access ☐ Comments ☐ Restrict access ☐ Remove for demolition ☐ Positive results for field lead check swab test and laboratory test. Concentrations below SafeWork NSW 0.1% threshold.    Docation   15064			-		•		
Restrict access	T PHAN					•	
Comments   Positive results for field lead check swab test and laboratory test. Concentrations below SafeWork NSW 0.1% threshold.							
test. Concentrations below SafeWork NSW 0.1% threshold.    Address   Blayney MPS, 248 Summer Street, Orange   Building 1   Cream paint   Extent (m²)   5	100000			Positive results for			
Building   Building   Building   Cream paint   Extent (m²)   5							
Building   Building   Building   Cream paint   Extent (m²)   5							
Building   Building   Cream paint   Extent (m²)   5							
Lead   Yes (1)   No (0)   Possible (1)	Job no	15064			48 Summer Street	, Orange	
Identification   Visual     Laboratory   Field screening	ID		•				
Lead Yes (1) □ No (0) ☒ Possible (1) □ Condition: Sound (1) □ Fair (2) □ Poor (3) □ Very poor to extreme (4) □ Accessibility: Low (1) □ Medium (2) □ High (3) □ Risk rating: - 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Concentration: - Recommendations: Warning labels □ Remove/replace □ Monitor condition yearly □ Avoid mechanical damage □ Repair required □ Remove for renovations □ Restrict access □ Remove for demolition □ Comments Negative results for field lead check swab test    Negative results for field lead check swab test	Location	External, breezeway, western fascia					
Condition:  Sound (1)					•	· ·	
Poor (3) □ Very poor to extreme (4) □ Accessibility: Low (1) □ Medium (2) □ High (3) □ Risk rating: - 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Concentration: Recommendations: Warning labels □ Remove/replace □ Monitor condition yearly □ Avoid mechanical damage □ Repair required □ Remove for renovations □ Restrict access □ Remove for demolition □ Comments Negative results for field lead check swab test  Address Building Building 1  Extent (m²) 8  Identification Visual □ Laboratory □ Field screening ⊠ Lead Yes (1) □ No (0) ⊠ Possible (1) □ Condition: Sound (1) □ Fair (2) □ Poor (3) □ Very poor to extreme (4) □	1:11			` '	` '	Possible (1) □	
Accessibility: Low (1) □ Medium (2) □ High (3) □ Risk rating: □ 1-2 − Very low to low, 3-4 − Moderate, 5-8 − high, 9-18 − very high Concentration: □ Recommendations:  Warning labels □ Remove/replace □ Monitor condition yearly □ Avoid mechanical damage □ Repair required □ Remove for renovations □ Restrict access □ Remove for demolition □ Comments Negative results for field lead check swab test    Address Building Building 1   Building 2   Building 3   Building 3   Building 1   Building 3   Building 1   Building 3   Building 3   Building 4   Building 4   Building 4   Building 4   Building 5   Building 5   Building 6   Building 6   Building 6   Building 6   Building 7   Building 7   Building 8   Building 8   Building 8   Building 8   Building 9   Building 9   Building 9   Building 1   Building 9   Buil			Condition:	` '	` '		
Risk rating: - 1-2 - Very low to low, 3-4 - Moderate, 5-8 - high, 9-18 - very high Concentration:  Recommendations:  Warning labels  Remove/replace  Avoid mechanical damage  Repair required  Remove for renovations  Restrict access  Remove for demolition  Negative results for field lead check swab test    Negative results for field lead check swab test	The state of			Poor (3)	Very poor to extre	eme (4) 🗆	
Concentration: Recommendations:  Warning labels □ Remove/replace □ Monitor condition yearly □ Avoid mechanical damage □ Repair required □ Remove for renovations □ Restrict access □ Remove for demolition □ Comments Negative results for field lead check swab test    Do 15064   Building   Building 1	CONTRACTOR OF THE PARTY OF THE		· ·				
Recommendations:   Warning labels   Remove/replace     Monitor condition yearly   Avoid mechanical damage     Repair required   Remove for renovations     Restrict access   Remove for demolition     Comments   Negative results for field lead check swab test			_	1-2 – Very low to l	ow, 3-4 – Moderate, 5	i-8 –high, 9-18 – very high	
Warning labels ☐ Remove/replace ☐ Avoid mechanical damage ☐ Repair required ☐ Remove for renovations ☐ Restrict access ☐ Remove for demolition ☐ Comments Negative results for field lead check swab test				-			
Monitor condition yearly ☐ Avoid mechanical damage ☐ Repair required ☐ Remove for renovations ☐ Restrict access ☐ Remove for demolition ☐ Comments Negative results for field lead check swab test						_	
Repair required ☐ Restrict access ☐ Remove for renovations ☐ Restrict access ☐ Remove for demolition ☐ Comments    Comments			_	_	•		
Restrict access ☐ Remove for demolition ☐ Comments  Negative results for field lead check swab test    Comments   Remove for demolition ☐ Negative results for field lead check swab test		7 1995				•	
Comments  Negative results for field lead check swab test    Ob no			1 ' '				
Address Building Building 1  Sociation External, soffit ceiling, breezeway    Address Building Building 1   Steent (m²) 8		250					
D 22 Building Building 1 Nocation External, soffit ceiling, breezeway    Material description   White paint   Extent (m²) 8			Comments	Negative results to	r field lead check s	wab test	
D 22 Building Building 1  Nocation External, soffit ceiling, breezeway    Material description   White paint   Extent (m²)   8    Identification   Visual □   Laboratory □   Field screening □							
D 22 Building Building 1  Nocation External, soffit ceiling, breezeway    Material description   White paint   Extent (m²)   8    Identification   Visual □   Laboratory □   Field screening □	Job no	15064	Address	Blavnev MPS 2	48 Summer Street	. Orange	
Lead     Yes (1)     No (0)     Possible (1)       Condition:     Fair (2)       Poor (3)     Very poor to extreme (4)	ID					,	
Lead Yes (1) □ No (0) ☒ Possible (1) □ Condition: Sound (1) □ Fair (2) □ Poor (3) □ Very poor to extreme (4) □	Location	External, soffit ceiling, breezeway	Material description	White paint			
Condition: Sound (1) ☐ Fair (2) ☐ Poor (3) ☐ Very poor to extreme (4) ☐			Identification	Visual □	Laboratory $\square$	Field screening ⊠	
Poor (3) ☐ Very poor to extreme (4) ☐			Lead	Yes (1) □	No (0) ⊠	Possible (1) □	
			Condition:	Sound (1) $\square$	Fair (2) $\square$		
Accessibility: Low (1) □ Medium (2) □ High (3) □		W		Poor (3)	Very poor to extre	eme (4) 🗆	
Risk rating: - 1-2 – Very low to low, 3-4 – Moderate, 5-8 – high, 9-18 – very high		84	- ( )				
Concentration: -							
Recommendations:	2						
Warning labels □ Remove/replace □	TI		_		•		
Monitor condition yearly □ Avoid mechanical damage □	THE		•			•	
Repair required □ Remove for renovations □	IT		Repair required		Remove for renor	vations	
Restrict access □ Remove for demolition □	-1-1-						
Comments Negative results for field lead check swab test			Comments	Negative results fo	r field lead check s	wab test	

Job no	15064	Address	Blayney MPS, 2	248 Summer Street	, Orange
ID	23	Building	Building 1		
Location	External, entry, handrails	Material description Identification	Grey paint		tent (m²) 2
	Timey set Castmatic Health		Visual □	Laboratory $\square$	Field screening ⊠
	The second secon	Lead	Yes (1) □	No (0) ⊠	Possible (1) □
		Condition:	Sound (1) $\square$	Fair (2)	
			Poor (3)	Very poor to extr	eme (4) $\square$
		Accessibility:	Low (1) □	Medium (2) $\square$	High (3) □
AMANA .		Risk rating: -	1-2 – Very low to le	ow, 3-4 – Moderate, 5	5-8 –high, 9-18 – very high
Minne		Concentration:	-		
		Recommendations:			_
The Cartes		Warning labels □		Remove/replace	
		Monitor condition yearly	<i>,</i> П	Avoid mechanica	•
		Repair required		Remove for reno	
10 m		Restrict access	N	Remove for dem	
		Comments	Negative results to	or field lead check s	swab test
Job no	15064	Address	Playnov MDS 3	248 Summer Street	Orango
ID	24	Building	Building 1, adm		, Orange
Location	External, panel above windows	Material description	Cream and yello		tent (m²) 20
		Identification	Visual □	Laboratory ⊠	Field screening
		Lead	Yes (1) ⊠	(15034-107) No (0) □	Possible (1) □
		Condition:	Sound (1)	Fair (2) ⊠	
			Poor (3) □	Very poor to extr	eme (4) 🗆
		Accessibility:	Low (1) □	Medium (2) ⊠	High (3) $\square$
		Risk rating: 4			5-8 –high, 9-18 – very high
		Concentration:	0.054%		
		Recommendations:			
		Warning labels □		Remove/replace	
		Monitor condition yearly	<i>,</i> 🗆	Avoid mechanica	ıl damage 🗆
		Repair required		Remove for reno	vations
	The Little Hand	Restrict access		Remove for dem	olition
					wab test and laboratory NSW 0.1% threshold.
Job no	15064	Address	Blavnev MPS 2	248 Summer Street	Orange
ID	25	Building	Building 1, admi		, orango
Location	External, eaves	Material description	Grey paint		tent (m²) 30
		Identification	Visual □	Laboratory ⊠ (15034-108)	Field screening
		Lead	Yes (1) ⊠	No (0) □	Possible (1) □
		Condition:	Sound (1) □	Fair (2) 🖂	` '
			Poor (3)	Very poor to extr	eme (4) 🗆
		Accessibility:	Low (1) ⊠	Medium (2) □	High (3) □
		Risk rating: 2	` '		5-8 –high, 9-18 – very high
1		Concentration:	0.027% w/w		
THE		Recommendations:			
		Warning labels □		Remove/replace	
1 1 1		Monitor condition yearly	<i>,</i> 🗆	Avoid mechanica	ıl damage □
		Repair required		Remove for reno	vations
111		Restrict access □		Remove for dem	
					wab test and laboratory
		<u> </u>	test. Concentration	ns below SafeWork	NSW 0.1% threshold.

lah na	15064	Address	Dlavinav MDC C	040 Curana an Chrant	0,,,,,,,	
Job no ID	26	Address Building	Building 1, adm	248 Summer Street inistration wing	, Orange	
Location	Internal, walls	Material description	Cream paint		tent (m²) >200	
		Identification	Visual □	Laboratory	Field screening ⊠	
		Lead	Yes (1) □	No (0) ⊠	Possible (1) □	
		Condition:	Sound (1)	Fair (2) □	. ,	
0			Poor (3)	Very poor to extr	eme (4) 🗆	
		Accessibility:	Low (1) □	Medium (2) □	High (3) □	
STOP Zone		Risk rating: -	1-2 – Very low to I	ow, 3-4 – Moderate, 5	5-8 –high, 9-18 – very high	
The state of the s		Concentration:	-			
Story Story	<b>建筑板连沿州中</b>	Recommendations:				
V		Warning labels □		Remove/replace		
		Monitor condition yearly	<i>,</i> 🗆	Avoid mechanica	•	
		Repair required		Remove for reno		
		Restrict access	N	Remove for demo		
		Comments	Negative results to	or field lead check s	swab test	
Job no	15064	Address	Rlavnev MPS 2	248 Summer Street	Orange	
ID	27	Building	Building 1, adm		, Orange	
Location	Internal, skirting boards	Material description	White paint		tent (m²) >200	
		Identification	Visual □	Laboratory $\square$	Field screening ⊠	
12 2	Canada Ca	Lead	Yes (1) □	No (0) ⊠	Possible (1) □	
	Secretarial O	Condition:	Sound (1)	Fair (2)	. ,	
	Information Co.		Poor (3)	$\square$ Very poor to extreme (4) $\square$		
	No.	Accessibility:	Low (1) □	Medium (2) □	High (3) □	
		Risk rating: -	1-2 – Very low to I	ow, 3-4 – Moderate, 5	5-8 –high, 9-18 – very high	
		Concentration:	-			
		Recommendations:				
		Warning labels □	_	Remove/replace		
		Monitor condition yearly	<i>/</i> ⊔	Avoid mechanica	•	
	A STATE OF THE STA	Repair required		Remove for reno		
		Restrict access	Namatica manulta fa	Remove for demo		
		Comments	negative results to	or field lead check s	swab test	
Job no	15064	Address	Blavnev MPS 2	248 Summer Street	Orange	
ID	28	Building	Building 3		, crango	
Location	External, eaves	Material description	Cream paint		tent (m²) 20	
		Identification	Visual □	Laboratory ⊠ (15034-102)	Field screening □	
		Lead	Yes (1) ⊠	No (0) □	Possible (1) □	
		Condition:	Sound (1) $\square$	Fair (2) 🗵		
			Poor (3)	Very poor to extre	eme (4) 🗆	
		Accessibility:	Low (1) ⊠	Medium (2) $\square$	High (3) □	
7		Risk rating: 2	•	ow, 3-4 – Moderate, 5	5-8 –high, 9-18 – very high	
TIT		Concentration:	0.003% w/w			
TI		Recommendations:		Damanitoria		
TI		Warning labels	. 🗖	Remove/replace		
1		Monitor condition yearly	<i>/</i> ⊔	Avoid mechanica	-	
		Repair required ☐ Restrict access ☐		Remove for reno		
A STATE OF THE STA			Positive results for		olition □ wab test and laboratory	
					NSW 0.1% threshold.	
I		<u>'</u>				

Job no	15064	Address	===,, =, = =				
ID	29	Building	Building 3, eme	oom			
Location	Internal, walls	Material description	White paint	Ext	tent (m²) >100		
		Identification	Visual □	Laboratory ⊠ (15034-101)	Field screening □		
1		Lead	Yes (1) ⊠	No (0) $\square$	Possible (1) □		
		Condition:	Sound (1)	Fair (2) 🖂			
			Poor (3)	Very poor to extr	eme (4) $\square$		
		Accessibility:	Low (1) □	Medium (2) ⊠	High (3) □		
		Risk rating: 4	1-2 – Very low to	low, 3-4 – Moderate, 5	5-8 –high, 9-18 – very high		
1		Concentration:	0.11% w/w				
433	160-1-1	Recommendations:					
FAM.		Warning labels ⊠		Remove/replace			
		Monitor condition year	ırly ⊠	Avoid mechanica	al damage ⊠		
		Repair required	Repair required □ Remove for renov				
1/		Restrict access	Restrict access ☐ Remove for demolition		olition 🗆		
		Comments			wab test and laboratory NSW 0.1% threshold.		

Appendix 1c. Hazardous materials register (SMF)

	, , , p p v	nt rer riazaradad matemate regiotor (em. )			
ID	Building	Location	Material description	Extent	Risk
30	Building 1	External, hot water system	Synthetic mineral fibres	6 units	Low
31	Building 1	External, hot water system, pipework	Synthetic mineral fibres	30m <sup>2</sup>	Low
32	Building 1	Internal, western wing, ceiling cavity	Synthetic mineral fibres	15m <sup>2</sup>	Low
29	Building 1	Internal, eastern wing, ceiling cavity	Synthetic mineral fibres	10m <sup>2</sup>	Low
30	Building 1	Internal, kitchen, hot water system	Synthetic mineral fibres	1 unit	Low
33	Building 1	Internal, kitchen, hot water heaters	Synthetic mineral fibres	2 units	Low
34	Building 3	Internal, emergency generator room, pipework	Synthetic mineral fibres	30m <sup>2</sup>	Low
35	Building 3	Internal, emergency generator room, gas heaters	Synthetic mineral fibres	2 units	Low
36	Building 3	Internal, emergency generator room, electric heater	Synthetic mineral fibres	1 unit	Low
37	Building 3	Internal, emergency generator room, old electric heater	Synthetic mineral fibres	1 unit	Low
38	Building 3	Internal, workshop, ceiling lining	Synthetic mineral fibres	30m <sup>2</sup>	Low
39	Building 4	Internal, garage, ceiling lining	Synthetic mineral fibres	50m <sup>2</sup>	Low
40	Building 6	Internal, storage shed, ceiling lining	Synthetic mineral fibres	60m <sup>2</sup>	Low

Appendix 1d. Hazardous materials register

	1.1				
ID	Building	Location	Material description	Extent	Risk
41	Building 1	Internal, X-ray room, oxygen tank	Flammable/combustible materials	1 unit	Low
42	Building 1	Internal, chemical storeroom, hand sanitizer	Flammable/combustible materials	>10L	Low
43	Building 1	Internal, throughout all areas, hand sanitizer	Flammable/combustible materials	>10L	Low
44	Building 1	Internal, oxygen storeroom, oxygen bottles	Flammable/combustible materials	9 Large, 4 medium, 2 small	Low
45	Building 1	Internal, throughout all areas, oxygen bottles	Flammable/combustible materials	Unknown	Low
46	Building 4	Internal, flammable liquid cabinet, diesel	Flammable/combustible materials	3x 10L jerry cans	Low
47	Building 4	Internal, flammable liquid cabinet, petrol	Flammable/combustible materials	3x 20L jerry cans	Low
48	Building 1	Internal, X-ray room, radiation source	Radioactive materials	1 unit	Low





# <u>Legend</u>

Asbestos containing materials

Lot boundary

Appendix 2. Site plan and asbestos occurrences						
Blayney MPS, Osman Street, Blayney NSW						
	Envirowest Consulting Pty Ltd					
Job: R15064hm	Drawn by: LN	Date: 14/11/2022				

#### Appendix 3. Report limitations and intellectual property

This report has been prepared for the use of the client to achieve the objectives given the client requirements. The level of confidence of the conclusion reached is governed by the scope of the investigation and the availability and quality of existing data and within the budget available. Where limitations or uncertainties are known, they are identified in the report. No liability can be accepted for failure to identify conditions or issues which arise in the future and which could not reasonably have been predicted using the scope of the investigation and the information obtained.

Actual conditions may differ from those inferred to exist, because no professional, no matter how well qualified, and exploration program, no matter how comprehensive, can reveal what is hidden by building, renovations, earth, rock or time. The actual interface between materials may be far more gradual or abrupt than a report indicates. No liability will be accepted for undetected asbestos in the building. Actual conditions in areas not sampled may differ from predictions. It is thus important to understand the limitations of the investigation and recognise that we are not responsible for these limitations.

Measurements and quantities described are approximate. This report is not be used as a contractual document. No guarantees can be entered into regarding the accuracy or completeness of this report. The information in the report is accurate at the time of printing.

This report including data contained and its findings and conclusions remain the intellectual property of Envirowest Consulting Pty Ltd. A licence to use the report for the specific purpose identified is granted after full payment for the services involved in preparation of the report. This report should not be used by other persons or purposes than stated the scope and not reproduced without the permission of Envirowest Consulting.

Inaccessible areas of the site were not inspected including wall cavities, inside roof, inside eaves, behind concealed ceilings, floors and walls, under floor coverings, hidden pipe coverings, under pavements, soil or gravel, areas concealed by insulation, sarking, pipework, ductwork, contained in equipment, cores to fire doors and construction and expansion joints.

Appendix 4. Laboratory Reports



## **ANALYTICAL REPORT**





CLIENT DETAILS -

LABORATORY DETAILS

Luke Niven Contact

**ENVIROWEST CONSULTING PTY LIMITED** Client

Address ORANGE NSW 2800

PO BOX 8158

Huong Crawford Manager

SGS Alexandria Environmental Laboratory

Address Unit 16, 33 Maddox St

Alexandria NSW 2015

61 2 63614954 Telephone Facsimile (Not specified)

Email luke@envirowest.net.au 15064

15064

11

Facsimile Email

Telephone

+61 2 8594 0400 +61 2 8594 0499

au.environmental.sydney@sgs.com

SGS Reference Date Received

SE238601 R0 3/11/2022

10/11/2022 Date Reported

COMMENTS

Order Number

Project

Samples

Accredited for compliance with ISO/IEC 17025 - Testing. NATA accredited laboratory 2562(4354).

Micros subcontracted to SGS Cairns, 2/58 Comport St, Portsmith QLD 4870, NATA Accreditation Number: 2562, Site Number: 3146. Report No: S1217574.

SIGNATORIES

Bennet LO

Senior Chemist

**Dong LIANG** 

Metals/Inorganics Team Leader

**Huong CRAWFORD** 

**Production Manager** 

Shane MCDERMOTT Inorganic/Metals Chemist

> SGS Australia Pty Ltd ABN 44 000 964 278

Environment, Health and Safety

Unit 16 33 Maddox St PO Box 6432 Bourke Rd BC

Alexandria NSW 2015 Alexandria NSW 2015 Australia Australia

t +61 2 8594 0400

www.sgs.com.au

f +61 2 8594 0499





#### Anions by Ion Chromatography in Water [AN245] Tested: 9/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Nitrate Nitrogen, NO3-N	mg/L	0.005	0.25	0.25	0.25	0.25	0.25
Chloride	mg/L	1	19	19	19	19	19
Sulfate, SO4	mg/L	1	1.5	1.5	1.5	1.4	1.4
Fluoride	mg/L	0.02	0.05	0.03	0.03	<0.02	0.03

			DA
			WATER -
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Nitrate Nitrogen, NO3-N	mg/L	0.005	0.25
Chloride	mg/L	1	19
Sulfate, SO4	mg/L	1	1.4
Fluoride	mg/L	0.02	0.03

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SE238601 R0

#### Nitrite in Water [AN277] Tested: 3/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Nitrite Nitrogen, NO2 as N	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005

			DA
			WATER
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Nitrite Nitrogen, NO2 as N	mg/L	0.005	<0.005

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SE238601 R0

#### pH in water [AN101] Tested: 3/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
pH**	No unit	-	6.9	7.0	7.0	7.0	7.0

			DA
			WATER
			-
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
pH**	No unit	-	7.0

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SE238601 R0

#### Conductivity and TDS by Calculation - Water [AN106] Tested: 3/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Conductivity @ 25 C	μS/cm	2	180	180	180	180	180
Total Dissolved Solids (by calculation)	mg/L	2	110	110	110	110	110

			DA
			WATER
			- 2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Conductivity @ 25 C	μS/cm	2	180
Total Dissolved Solids (by calculation)	mg/L	2	110

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SE238601 R0

#### Alkalinity [AN135] Tested: 8/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
			-	-	-	-	-
PARAMETER	UOM	LOR	2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOW	LUR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Bicarbonate Alkalinity as CaCO3	mg/L	5	66	65	710	80	68
				00	710	00	00
Carbonate Alkalinity as CaCO3	mg/L	1	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3 Hydroxide Alkalinity as CaCO3	mg/L	1 5					
,		1 5 5	<1	<1	<1	<1	<1

			DA
			WATER
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Bicarbonate Alkalinity as CaCO3	mg/L	5	68
Carbonate Alkalinity as CaCO3	mg/L	1	<1
Hydroxide Alkalinity as CaCO3	mg/L	5	<5
Phenolphthalein Alkalinity as CaCO3*	mg/L	5	<5
Total Alkalinity as CaCO3	mg/L	5	68

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SE238601 R0

#### Filterable Reactive Phosphorus (FRP) [AN278] Tested: 3/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Filterable Reactive Phosphorus as P	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005

			DA
			WATER
			-
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Filterable Reactive Phosphorus as P	mg/L	0.005	<0.005

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#### Acidity and Free CO2 [AN140] Tested: 4/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Acidity to pH 8.3	mg CaCO3/L	5	13	10	9	10	9

			DA
			WATER
			- 2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Acidity to pH 8.3	mg CaCO3/L	5	8

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# Metals in Water (Total) by ICPOES [AN022/AN320] Tested: 4/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Total Calcium	mg/L	0.1	13	13	13	13	13
Total Magnesium	mg/L	0.1	7.1	7.2	7.1	7.1	7.1
Total Sodium	mg/L	0.1	10	10	10	10	10
Total Potassium	mg/L	0.2	1.8	1.8	1.8	1.8	1.8

			DA
			WATER -
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Total Calcium	mg/L	0.1	13
Total Magnesium	mg/L	0.1	7.2
Total Sodium	mg/L	0.1	10
Total Potassium	mg/L	0.2	1.8

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#### Trace Metals (Total) in Water by ICPMS [AN022/AN318] Tested: 4/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Total Aluminium	μg/L	5	10	8	8	7	9
Total Arsenic	μg/L	1	<1	<1	<1	<1	<1
Total Cadmium	μg/L	0.1	<0.1	0.3	<0.1	<0.1	<0.1
Total Chromium	μg/L	1	<1	<1	<1	<1	<1
Total Iron	μg/L	5	6	<5	<b>&lt;</b> 5	<5	5
Total Copper	μg/L	1	1900	1500	200	230	41
Total Nickel	μg/L	1	1	6	<1	2	<1
Total Lead	μg/L	1	2	16	<1	2	1
Total Zinc	μg/L	5	41	3000	19	20	16

			<b>DA</b> WATER  - 2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Total Aluminium	μg/L	5	36
Total Arsenic	μg/L	1	<1
Total Cadmium	μg/L	0.1	<0.1
Total Chromium	μg/L	1	<1
Total Iron	μg/L	5	19
Total Copper	μg/L	1	890
Total Nickel	μg/L	1	<1
Total Lead	μg/L	1	9
Total Zinc	μg/L	5	44

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#### Mercury (total) in Water [AN311(Perth) /AN312] Tested: 4/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Soluble Mercury slave analyte from EW_APHA3112B	mg/L	0.0001	-	-	-	-	-
Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

			DA
			WATER
PARAMETER	UOM	LOR	2/11/2022 SE238601.006
Soluble Mercury slave analyte from EW_APHA3112B	mg/L	0.0001	-
Total Mercury	mg/L	0.0001	<0.0001

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#### Sample Subcontracted [] Tested: 4/11/2022

			15064-1	15064-2	15064-3	15064-4	15064-5
			WATER	WATER	WATER	WATER	WATER
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.001	SE238601.002	SE238601.003	SE238601.004	SE238601.005
Sample Subcontracted*	No unit	-	Symbio	Symbio	Symbio	Symbio	Symbio

			DA
			WATER
			2/11/2022
PARAMETER	UOM	LOR	SE238601.006
Sample Subcontracted*	No unit	-	Symbio

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#### Metals in Paint by ICPOES [AN065/AN320] Tested: 10/11/2022

			15064-101	15064-102	15064-103	15064-107	15064-108
			PAINT	PAINT	PAINT	PAINT	PAINT
							-
			2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
PARAMETER	UOM	LOR	SE238601.007	SE238601.008	SE238601.009	SE238601.010	SE238601.011
Lead, Pb	%w/w	0.001	0.11	0.003	0.022	0.054	0.027

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#### **METHOD SUMMARY**

SE238601 R0

METHOD \_

METHODOLOGY SUMMARY \_

AN022/AN318

Following acid digestion of un filtered sample, determination of elements at trace level in waters by ICP-MS technique, referenced to USEPA 6020B and USEPA 200.8 (5.4).

AN022/AN320

Total (acid soluble) Metals by ICP-OES: Samples are digested in nitric or nitric and hydrochloric acids prior to analysis for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.

AN022

The water sample is digested with Nitric Acid and made up to the original volume similar to APHA3030E.

AN065/AN320

A portion of paint chips sample is digested with nitric acid to solubilise the metals into solution. Digest then analysed by ICP OES with result calculated back to the as received paint sample basis.

AN101

pH in Soil Sludge Sediment and Water: pH is measured electrometrically using a combination electrode (glass plus reference electrode) and is calibrated against 3 buffers purchased commercially. For soils, an extract with water is made at a ratio of 1:5 and the pH determined and reported on the extract. Reference APHA 4500-H+.

AN106

Conductivity and TDS by Calculation: Conductivity is measured by meter with temperature compensation and is calibrated against a standard solution of potassium chloride. Conductivity is generally reported as  $\mu$ mhos/cm or  $\mu$ S/cm @ 25°C. For soils, an extract with water is made at a ratio of 1:5 and the EC determined and reported on the extract, or calculated back to the as-received sample. Total Dissolved Salts can be estimated from conductivity using a conversion factor, which for natural waters, is in the range 0.55 to 0.75. SGS use 0.6. Reference APHA 2510 B.

AN106

Salinity may be calculated in terms of NaCl from the sample conductivity. This assumes all soluble salts present, measured by the conductivity, are present as NaCl.

AN135

Alkalinity (and forms of) by Titration: The sample is titrated with standard acid to pH 8.3 (P titre) and pH 4.5 (T titre) and permanent and/or total alkalinity calculated. The results are expressed as equivalents of calcium carbonate or recalculated as bicarbonate, carbonate and hydroxide. Reference APHA 2320. Internal Reference AN135

AN140

Acidity by Titration: The water sample is titrated with sodium hydroxide to designated pH end point. In a sample containing only carbon dioxide, bicarbonates and carbonates, titration to pH 8.3 at 25°C corresponds to stoichiometric neutralisation of carbonic acid to bicarbonate. Method reference APHA 2310 B.

AN245

Anions by Ion Chromatography: A water sample is injected into an eluent stream that passes through the ion chromatographic system where the anions of interest ie Br, Cl, NO2, NO3 and SO4 are separated on their relative affinities for the active sites on the column packing material. Changes to the conductivity and the UV-visible absorbance of the eluent enable identification and quantitation of the anions based on their retention time and peak height or area. APHA 4110 B

AN277

Nitrite ions, when reacted with a reagent containing sulphanilamide and N -(1-naphthyl)-ethylenediamine dihydrochloride produce a highly coloured azo dye that is measured photometrically at 540nm.

**AN278** 

Filterable Reactive Phosphorus by DA (determined on filtered sample): Orthophosphate reacts with ammonium molybdate (Mo VI) and potassium antimonyl tartrate (Sb III) in acid medium to form an antimony-phosphomolybdate complex. This complex is subsequently reduced with ascorbic acid to form a blue colour and the absorbance is read at 880 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-P F

AN311(Perth) /AN312

Mercury by Cold Vapour AAS in Waters: Mercury ions taken from unfiltered sample are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500.

AN320

Photomultipliers or CCDs are used to measure the light intensity at specific wavelengths. This intensity is directly proportional to concentration. Corrections are required to compensate for spectral overlap between elements . Reference APHA 3120 B.

Calculation

Free and Total Carbon Dioxide may be calculated using alkalinity forms only when the samples TDS is <500mg/L. If TDS is >500mg/L free or total carbon dioxide cannot be reported . APHA4500CO2 D.

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FOOTNOTES SE238601 R0

#### FOOTNOTES

\* NATA accreditation does not cover the performance of this service.

\*\* Indicative data, theoretical holding time exceeded

\*\*\* Indicates that both \* and \*\* apply.

Not analysed.NVL Not validated.

IS Insufficient sample for analysis.

LNR Sample listed, but not received.

UOM Unit of Measure.

LOR Limit of Reporting.

↑↓ Raised/lowered Limit of

Reporting.

Unless it is reported that sampling has been performed by SGS, the samples have been analysed as received. Solid samples expressed on a dry weight basis.

Where "Total" analyte groups are reported (for example, Total PAHs, Total OC Pesticides) the total will be calculated as the sum of the individual analytes, with those analytes that are reported as <LOR being assumed to be zero. The summed (Total) limit of reporting is calculated by summing the individual analyte LORs and dividing by two. For example, where 16 individual analytes are being summed and each has an LOR of 0.1 mg/kg, the "Totals" LOR will be 1.6 / 2 (0.8 mg/kg). Where only 2 analytes are being summed, the "Total" LOR will be the sum of those two LORs.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

If reported, measurement uncertainty follow the ± sign after the analytical result and is expressed as the expanded uncertainty calculated using a coverage factor of 2, providing a level of confidence of approximately 95%, unless stated otherwise in the comments section of this report.

Results reported for samples tested under test methods with codes starting with ARS-SOP, radionuclide or gross radioactivity concentrations are expressed in becquerel (Bq) per unit of mass or volume or per wipe as stated on the report. Becquerel is the SI unit for activity and equals one nuclear transformation per second.

Note that in terms of units of radioactivity:

- a. 1 Bq is equivalent to 27 pCi
- b. 37 MBq is equivalent to 1 mCi

For results reported for samples tested under test methods with codes starting with ARS-SOP, less than (<) values indicate the detection limit for each radionuclide or parameter for the measurement system used. The respective detection limits have been calculated in accordance with ISO 11929.

The QC and MU criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: <a href="https://www.sgs.com.au/en-qb/environment-health-and-safety">www.sgs.com.au/en-qb/environment-health-and-safety</a>.

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# Envirowest Consulting Pty Ltd ABN 18 103 955 246 trading as

# **EW Testing Services**• 9 Cameron Place, PO Box 8158, Orange NSW 2800 • Tel (02) 6361 4954 •

- Geotechnical Asbestos Services

Environmental



- Email admin@envirowest.net.au Web www.envirowest.net.au •

# **ASBESTOS IDENTIFICATION REPORT**

Client Contact	APP Corporation Pty Ltd Angelina Jonevski	Report number	LR15064id
Address	Level 2, 426 King Street Newcastle NSW 2300	Date	01/11/2022
Site location	Blayney MPS Osman Street Blayney NSW 2799		
Sampled by	Greg Madafiglio / Luke Niven		
Date received	27/10/2022		
Date tested	01/11/2022		
Test method	Identification using polarized light microscopy the qualitative identification of asbestos in but house method TA2		

Sample id	Location	Description	Results
15064-1	Building 3, plant room, Rolls Royce generator exhaust, gasket below coil	0.25g red fibrous gasket material	Chrysotile (white asbestos) detected
15064-2	Building 3, plant room, Rolls Royce generator exhaust, gasket above coil	0.3g red fibrous gasket material	Chrysotile (white asbestos) detected
15064-3	Building 3, plant room, hot water pump tray, black mastic around edge	3g black bituminous material, non-fibrous	No asbestos detected. *
15064-4	Building 3, plant room, hot water pump gasket	2g black bituminous material, with embedded fibre bundles	No asbestos detected. * Organic fibres present.
15064-5	Building 3, plant room, hot water pipes above gas heater, vertical red gasket	2g red fibrous gasket material	Chrysotile (white asbestos) detected
15064-6	Building 3, plant room, hot water pipe above gas heater, horizontal gasket	2g red fibrous gasket material	Chrysotile (white asbestos) detected
15064-7	Building 3, plant room, redundant pipe valve	49g rusty brown fibrous gasket	Chrysotile (white asbestos) detected
15064-8	Building 3, plant room, old heater, hot water gasket	1g broken pieces of black resinous material	Chrysotile (white asbestos) detected
15064-9	Building 3, eaves, eastern	0.4g fibrous cement sheet with off-white paint	Chrysotile (white asbestos) detected Organic fibres present.
15064-10	Between buildings 1 and 3, soffit ceiling breezeway	1g fibrous cement sheet painted white on one side	Chrysotile (white asbestos) detected Organic fibres present.

15064-11	Building 1, southern wing, eaves	89g cement sheet, non-fibrous	No asbestos detected. *
15064-12	Building 1, medical wards, eaves	1g fibrous cement sheet	No asbestos detected. *
	<b>3</b> ,	painted white on one side	Organic fibres present.
15064-13	Building 1, general, hallway toilet	0.2g fibrous cement sheet	No asbestos detected. *
	walls	painted white on one side	Organic fibres present.
15064-14	Building 1, eastern hallway, floor	4g off-white vinyl tile	No asbestos detected. *
15064-15	Building 1, eastern wing, eaves	7.5g cement sheet painted white on one side, non-fibrous	No asbestos detected. *
15064-16	Building 1, eastern wing, eaves,	0.1g fibrous cement	No asbestos detected. *
	inside, below gutter	Ç	Organic fibres present.
15064-17	Building 1, eastern wing, manhole	7g pale pink fibrous cement	No asbestos detected. *
	cover	sheet painted off-white on one side	Organic fibres present.

#### Comments:

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Carmen King

Cornen King

Approved asbestos analyst



Accredited for compliance with ISO/IEC 17025 – Testing Accreditation number: 19800

<sup>\*</sup> Trace analysis performed.