

### Detailed Site Investigation, Finucane Reserve, 1 Finucane Crescent, Matraville NSW

**Randwick City Council** 





### **Appendix I** Laboratory Documentation

# Chain of Custody



PROJECT NO.: 6 PUOCI			1		I ABOBATORY BATCH NO	
PROJECT NAME:		1	Mar	Martaline	SAMPLERS: ELADB !! ID	frint?
DATE NEEDED BY: SACH	W				QC LEVEL: NEPM	
PHONE: Sydney 02 8245 03	00   Perth 08	8 9488 010	0 Brisba	PHONE: Sydney 02 8245 0300   Perth 08 9488 0100   Brisbane 07 3112 2688   Melbourne 03 9642	9642 0599   Adelaide 08 8431 7113	
SEND REPORT & INVOICE TO: (1) adminnsw@j	1) adminnsw(	@jbsg.com.a	u; (2) .J.	SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2)Д. Д. С.	3) LTILLAR CM. *@jbsg.com.au	
	JAMES ON DISPOS	AL			X	TYPE OF ASBESTOS
					11/2/20	ANALYSIS
					1/1/ 1/1/ 1/2/ 1/2/ 1/2/ 1/2/ 1/2/ 1/2/	FICATION
SAMPLE 1D	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	OH VA VSV SV SV SV	NEPM/N
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0-2-013				S.	×	
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10000	*			E CONTRACTOR OF THE CONTRACTOR	X	×
- 6	1	>		170	X.	
	8			>	X	
NAME: A NATE:	100/1	0.400	10.000	METHOD OF SHIPMENT:	RECEIVED BY:	FOR RECEIVING LAB USE ONLY:
Self-	11111	COL	CONSIGNMENT NOTE NO	OTE NO.	NAME: PIN'S M JUNE?	COOLER SEAL - Yes No Intact Broken
OF JBS&G		TRAN	TRANSPORT CO.		OF: 10/12/261	COOLER TEMP deg C / ? . R
NAME: DATE:		CONS	CONSIGNMENT NOTE NO.	DTE NO.	NAME: DATE:	COOLER SEAL - Yes No Intact Broken
OF;		TRANS	TRANSPORT CO		0F 5:42PM	COOL FR TEMP
Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.: C = Sodium Hydroxide p.	sstic; J = Soil Jar; B	= Glass Bottle:	N = Nitric Acid	Prsvd.: C = Sodium Hudroxide Prsvd: VC = Hud	morphorie Acid Desud Mail: MC - Culfusia Acid Desud Mail: 6 - 6.	0.00

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800HE117





SAMPLE ID	CH NO.:
SAMPIE ID  SAMPIE ID  NATRIX  ONTE  TIME  TYPE & PRESERVATIVE  TYPE & TY	1231
SAMPLE ID MATRIX DATE TIME TYPE & PRESERVATIVE  OUT OF OUT  OUT OUT  OUT OF OUT  OUT	8431 7113 bsg.com.au
SAMPLEID  MATRIX  DATE  TIME  TYPE & PRESERVATIVE  TYPE &	TYPE OF ASBESTOS ANALYSIS
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02-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-3 0-0-0-0-0-3 0-0-0-0-0-1 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	
20-0-3 20-0-5 20-0-5 20-0-6 20-0-0 20-0	
20-0.5.  20-0.5.  20-0.5.  20-0.0.  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5  20.2-0.5	X
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6-2-0-5 6-2-0-5 6-0-4-0-5 8-0-4-0-5 8-0-4-0-5 8-2-0-	
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P C. Q - O · L O . Q - O · L SELINQUISHED BY	
RELINQUISHED BY	
MELINGUISHED BY	
CONSIGNMENT NOT	
NAME: DATE: OF:	FOR RECEIVING LAB USE ONLY: COOLER SEAL – Yes No Intact Broken
NAME; OF:	



PROIECT NO. L. XIMINI					LABORATORY BATCH NO.:	
PROJECT NAME: A CALL	11/1 W	0			SAMPLERS:	
DATE NEEDED BY:					QC LEVEL: NEPM (2013)	
PHONE: Sydney 02 8245 0300   Perth 08 9488 0100	300   Perth 0	8 9488 01	00   Brisb	Brisbane 07 3112 2688   Melbourne 03 9	03 9642 0599   Adelaide 08 8431 7113	
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2)	(1) adminnsw	@jbsg.com	.au; (2)		@jbsg.com.au	
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:	ORAGE OR DISPOS	;AL:			1974 X319/14 HVd/V Selson TE	ANALYSIS ANALYSIS ANALYSIS
SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	C ST	IDEN NOTES:
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TARE BLOS				z r	- X	
10.2-01)	//	1		20	×××	
10-4-03	8	>		>	×	
RELINOUISHED BY:	BY:			METHOD OF SHIPMENT:	RECEIVED BY:	FOR RECEIVING LAB USE ONLY:

= Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd.; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial;

Intact ...... Broken ......

COOLER SEAL - Yes ..... No ..... COOLER TEMP ..... deg C

DATE:

NAME: DATE: OF: NAME: OF:

CONSIGNMENT NOTE NO.

WHEN DATE: (CG)

DATE:

OF: JBS&G NAME:

NAME

OF:

CONSIGNMENT NOTE NO. TRANSPORT CO.

TRANSPORT CO

COOLER TEMP ...... deg C

COOLER SEAL - Yes...... No ...... Intact ....... Broken .

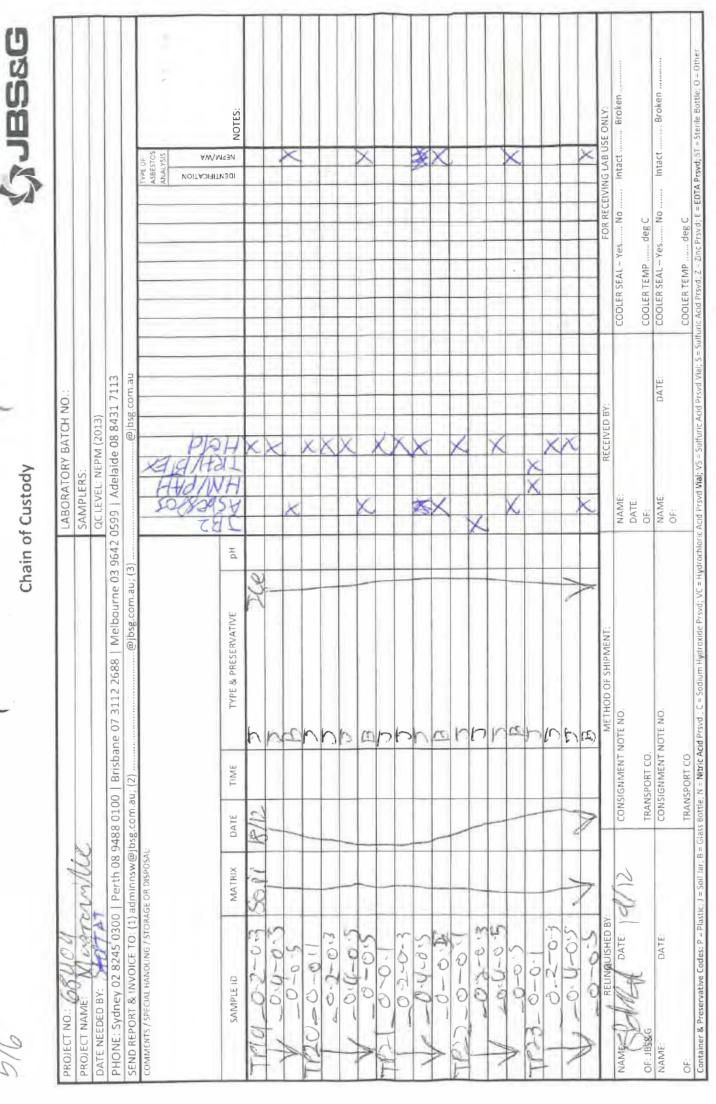
2

# Chain of Custody



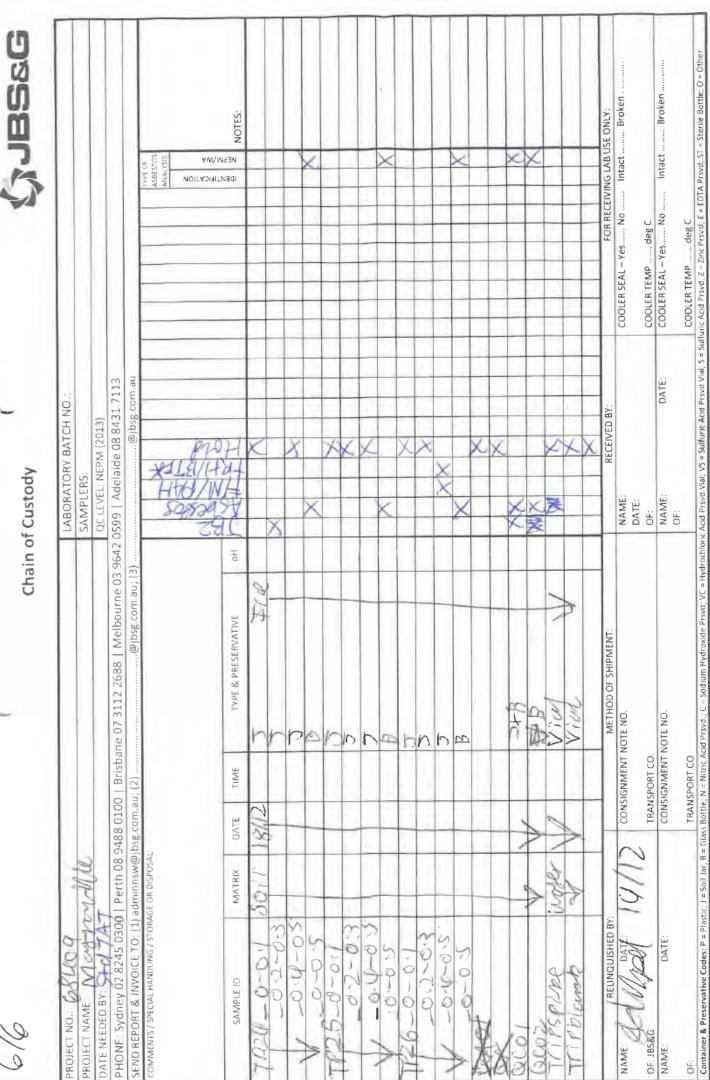
PROJECT NO.: 1/2/ CT 1/3/			LABORATORY BATCH NO.:	
PROJECT NAME: NO WATER ALL	10		SAMPLERS:	
DATE NEEDED BY: STATAT			QC LEVEL: NEPM (2013)	
PHONE: Sydney 02 8245 0300   Perth 08 9488 0100   Brisbane 07	08 9488 0100   Brish	ane 07 3112 2688   Melbourne 03	3112 2688   Melbourne 03 9642 0599   Adelaide 08 8431 7113	
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2)	w@jbsg.com.au; (2)	@jbsg.com.au; (3)	)@jbsg.com.au	
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:	OSAL:		Kaja/II HHd/II Solsa	AXESTOS AMALYSSS AWA
SAMPLE ID	X DATE TIME	TYPE & PRESERVATIVE	AL AL	Mq3v NOTES:
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015 0-0.1		nr	XX	
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てるる		Ca	X	X
62-63		(a)	X)	
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1-0-2-0-1		1	X	
S.O-10-0-	1	2	X	
-0-05 RIV		1	X	X
10-0-1	*	2	Z	
RELINQUISHED BY:		METHOD OF SHIPMENT:	RECEIVED BY:	FOR RECEIVING LAB USE ONLY:
NAME: SALL MOND DATE: 19 12	CONSIGNMENT NOTE NO.	NOTE NO.	NAME: DATE: OE:	COOLER SEAL – Yes No Intact Broken
	S IND ISSUED	ON STON		
NAIME: UALE:	CONSIGNIMENT NOTE INC.	NOIE NO.	OF:	COULER SEAL - TES NO Intact of one of
				COULER EMP deal

# Chain of Custody





# Chain of Custody





#### Re: Eurofins Sample Receipt Advice - Report 1174208 : Site MATRAVILLE (MATRAVILLE)

From Finn Billyard-Currey <fbillyardcurrey@jbsg.com.au>

Date Mon 06/01/2025 9:30 AM

To SH\_AU25\_Enviro\_Sample\_NSW <EnviroSampleNSW@eurofinsanz.com>

**Unverified Sender:** The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Could we get TP21\_0.4-0.5 analysed for asbestos please? Thank you.

From: George Lewis < EET-ELVIS@eurofinsanz.com>

Sent: Friday, December 27, 2024 1:40:08 PM

To: Finn Billyard-Currey <fbillyardcurrey@jbsg.com.au>

**Cc:** JBSG Labresults < jbsglabresults@jbsg.com.au>; S&G Labresults < labresults@jbsg.com.au> **Subject:** Eurofins Sample Receipt Advice - Report 1174208 : Site MATRAVILLE (MATRAVILLE)

#### \*\*\*[EXTERNAL EMAIL] Stop and think before opening attachments, clicking or responding.\*\*\*

Dear Valued Client,

Please be advised that over the holiday period, the standard TAT has been extended. Results for samples received after the 13th of December will be reported in January 2025. Please contact our ASM team if you have any questions. Bag are not provided for samples TP09\_0.0-0.1, TP19\_0-0.5, TP21\_0-0.5, AsbWA analysis cancelled, please advise if As4964 testing was intended in the COC. Bag are not received for sample TP11\_0-0.1, however Jar is available for sample TP11\_0-0.1.

TP09\_0-0.2, TP11\_0-0.2 received bag as extra, not in COC, logged on hold, please advise for analysis.

TP21\_0.4-0.5 bag received as extra with sample. TP18\_0.0-0.3 received bag as extra logged on hold, please advise for analysis if any.

Please find attached a Sample Receipt Advice (SRA), a Summary Sheet and a scanned copy of your Chain-of-Custody (COC). It is important that you check this documentation to ensure that the details are correct such as the Client Job Number, Turn Around Time, any comments in the Notes section and sample numbers as well as the requested analysis. If there are any irregularities then please contact your Eurofins Analytical Services Manager as soon as possible to make certain that they get changed.

Kind Regards George Lewis

<u>EnviroNote 1117 - Urban Runoff Mortality Syndrome 6-PPD quinone & HMMM</u> <u>EnviroNote 1115 - Eurofins SYDNEY Laboratory is now NATA accredited for PFAS</u>

View our latest EnviroNotes

#### **Eurofins Environment Testing Australia Pty Ltd**

ABN: 50 005 085 521 Canberra Brisbane

ABN: 91 05 0159 898 NZBN: 9429046024954

Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403

179 Magowa Girraween NSW 2145 NATA# 1261 Site# 18217

Unit 1.2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

Newcastle 1/21 Smallwood Place 1/2 Frost Drive Mayfield West Murarrie OLD 4172 NSW 2304 +61 2 4968 8448 T: +61 7 3902 4600 NATA# 1261 NATA# 1261 Site# 20794 & 2780 Site# 25079

Perth 46-48 Ranksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554

Auckland 35 O'Rorke Road Penrose, Auckland 1061 +64 9 526 4551 IANZ# 1327

Auckland (Focus) Unit C1/4 Pacific Rise Mount Wellington, Auckland 1061 64 9 525 0568 IANZ# 1308

Christchurch 43 Detroit Drive Rolleston, Christchurch 7675 +64 3 343 5201 IANZ# 1290

Tauranga 1277 Cameron Road Gate Pa, Tauranga 3112 +64 9 525 0568 IANZ# 1402

#### Sample Receipt Advice

Company name: Contact name: Project name:

JBS & G Australia (NSW) P/L Check the COC for Project manager MATRAVILLE

MATRAVILLE Project ID: 10 Day Dec 19, 2024 5:42 PM Turnaround time:

Date/Time received

1174208 **Eurofins reference** 

#### Sample Information

A detailed list of analytes logged into our LIMS, is included in the attached summary table.

Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt: 13.8 degrees

All samples have been received as described on the above COC.

COC has been completed correctly.

Attempt to chill was evident.

Appropriately preserved sample containers have been used.

All samples were received in good condition.

Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Appropriate sample containers have been used.

Sample containers for volatile analysis received with zero headspace.

Split sample sent to requested external lab.

Some samples have been subcontracted. X

N/A Custody Seals intact (if used).

#### **Notes**

Please be advised that over the holiday period, the standard TAT has been extended. Results for samples received after the 13th of December will be reported in January 2025. Please contact our ASM team if you have any questions. Bag are not provided for samples TP09\_0.0-0.1, TP19\_0-0.5, TP21\_0-0.5, AsbWA analysis cancelled, please advise if As4964 testing was intended in the COC. Bag are not received for sample TP11\_0-0.1, however Jar is available for sample TP11\_0-0.1.

#### **Contact**

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone: (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Check the COC for Project manager - ursulalong@eurofins.com.



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	Australia	
	Testing	
	Environment	
	Eurofins	

ABN: 50 005 085 521

Melbourne C 💸 eurofins

6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254 email: EnviroSales@eurofinsanz.com

web: www.eurofins.com.au

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

Sydney NSW 2000

MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217 Geelong S; 19/8 Lewalan Street 11: 6-rovedale G VI 3216 N +61 3 8645 5000 + NATA# 1261 N Site# 25403 S

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079 Newcastle 1/2 Frost Drive Mayfield West Brisbane 1/21 Smallwood Place QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780 Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

Tauranga 1277 Cameron Road, Gate Pa, Tauranga 3112 +64 9 525 0568

Christchurch 43 Detroit Drive Rolleston, Christchurch 7675 +64 3 343 5201 IANZ# 1290

Auckland (Focus) Unit C1/4 Pacific Rise, Mount Wellington, Auckland 1061 +64 9 525 0568

IANZ# 1308

**Eurofins Environment Testing NZ Ltd** 

**Eurofins ARL Pty Ltd** ABN: 91 05 0159 898

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Auckland

Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444

NATA# 2377 Site# 2370 & 2554

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

**Eurofins Analytical Services Manager: Andrew Black** 

JBS&G Suite 2	×			×							×					×
Eurofins Suite B1	×						×	×					×			
Moisture Set	×			×			×	×			×		×			×
Metals M8	×						×	×					×			
Polycyclic Aromatic Hydrocarbons	×						×	×					×			
HOLD*	×															
CANCELLED*	×															
Asbestos - WA guidelines	×				×	×			×	×		×		×	×	
			OI 8Y7	S24-De0058932	S24-De0058933	S24-De0058934	S24-De0058935	S24-De0058936	S24-De0058937	S24-De0058938	S24-De0058939	S24-De0058940	S24-De0058941	S24-De0058942	S24-De0058943	S24-De0058944
			Matrix	Soil												
Sample Detail	Site # 18217		Sampling Time													
	NATA # 1261		Sample Date	Dec 18, 2024												
	Sydney Laboratory - NATA # 1261 Site # 18217	External Laboratory	Sample ID	TP01_0-0.1	TP01_0-0.5	TP02_0-0.5	TP03_0-0.1	TP03_0.4-0.5	TP03_0.2-0.5	TP03_0-0.2	TP04_0.4-0.5	TP04_0-0.5	TP06_0.2-0.3	TP06_0-0.5		TP08 0.4-0.5
	Sydn	Exter	No	_	2	3	4	2	9	7	8	6	10	11	12	13

i		
	Australia	
	Testing	
	Environment	
	Eurofins	

email: EnviroSales@eurofinsanz.com 💸 eurofins web: www.eurofins.com.au

Geelong S; 19/8 Lewalan Street 11: Grovedale G VIC 3216 N +61 3 8564 5000 + NATA# 1261 N Site# 25403 S ABN: 50 005 085 521

Melbourne G
6 Monterey Road 11
Ordenong South VIC 3175
VIC 3175
+61 3 8564 5000 + +
NATHA-1261 S
Site# 1254

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

Sydney NSW 2000

MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney
179 Magowar Road
Girraween
NSW 2145
+61 2 9900 8400
NATA# 1261
Site# 18217

ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

1/21 Smallwood Place QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780 Canberra Unit 1,2 Dacre Street Mitchell

NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079 Newcastle 1/2 Frost Drive Mayfield West

NATA# 2377 Site# 2370 & 2554

Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

Tauranga 1277 Cameron Road, Gate Pa, Tauranga 3112 +64 9 525 0568

Christchurch 43 Detroit Drive Rolleston, Christchurch 7675 +64 3 343 5201 IANZ# 1290

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Mount Wellington,
Auckland 1061
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IANZ# 1308

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**Eurofins ARL Pty Ltd** ABN: 91 05 0159 898

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Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

JBS&G Suite 2	×						×						X				
Eurofins Suite B1	×			X						×						×	
Moisture Set	×			×			×			×			×			×	
Metals M8	×			×						×						×	
Polycyclic Aromatic Hydrocarbons	×			×						×						×	
HOLD*	×																
CANCELLED*	×		×														
Asbestos - WA guidelines	×	×			×	×		×	×		×	×		×	×		×
		S24-De0058945	S24-De0058946	S24-De0058947	S24-De0058948	S24-De0058949	S24-De0058950	S24-De0058951	S24-De0058952	S24-De0058953	S24-De0058954	S24-De0058955	S24-De0058956	S24-De0058957	S24-De0058958	S24-De0058959	S24-De0058960
Sample Detail	te # 18217	Soil															
Sam	Sydney Laboratory - NATA # 1261 Site # 18217	Dec 18, 2024															
	ley Laboratory	TP08_0.2-0.5	TP09_0.0-0.1	TP10_0-0.1	TP10_0-0.5	TP11_0.2-0.5	TP12_0-0.1	TP12_0-0.5	TP13_0-0.5	TP14_0.2-0.3	TP14_0-0.5	TP15_0-0.5	TP16_0.4-0.5	TP16_0-0.5	TP17_0-0.2	TP18_0.4-0.5	TP18_0-0.5
	Sydn	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	59

Ltd	
Pty L	
Australia	
t Testing	
Environment	
Eurofins	

ABN: 50 005 085 521 Melbourne 💸 eurofins web: www.eurofins.com.au

email: EnviroSales@eurofinsanz.com

6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

Sydney NSW 2000

MATRAVILLE MATRAVILLE

Project Name: Project ID:

1/21 Smallwood Place Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

Newcastle 1/2 Frost Drive Mayfield West QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780

Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554 NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079

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Auckland (Focus) Unit C1/4 Pacific Rise, Mount Wellington, Auckland 1061 +64 9 525 0568

IANZ# 1308

**Eurofins Environment Testing NZ Ltd** 

**Eurofins ARL Pty Ltd** 

NZBN: 9429046024954 35 O'Rorke Road Penrose, Auckland 1061 +64 9 526 4551 IANZ# 1327

Auckland

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

JBS&G Suite 2	×				×				×					×			
Eurofins Suite B1	×						×					X					
Moisture Set	×				×		×		×			×		×			
Metals M8	×						×					×					
Polycyclic Aromatic Hydrocarbons	×						×					×					
HOLD*	×															×	×
CANCELLED*	×	×		×													
Asbestos - WA guidelines	×		×			×		×		×	×		×	×	×		
		S24-De0058961	S24-De0058962	S24-De0058963	S24-De0058964	S24-De0058965	S24-De0058966	S24-De0058967	S24-De0058968	S24-De0058969	S24-De0058970	S24-De0058971	S24-De0058972	S24-De0058973	S24-De0058974	S24-De0058975	S24-De0058976
stail	3217	Soil															
Sample Detail	- NATA # 1261 Site # 18217	Dec 18, 2024															
	Sydney Laboratory -	TP19_0-0.5	TP20_0-0.5	TP21_0-0.5	TP22_0.2-0.3	TP22_0-0.5	TP23_0-0.1	TP23_0-0.5	TP24_0.2-0.3	TP24_0-0.5	TP25_0-0.5	TP26_0.4-0.5	TP26_0-0.5	QC01	QC02	TP01_0.2-0.3	TP01_0.4-0.5
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MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217 

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

NSW 2304 +61 2 4968 8448 Newcastle 1/2 Frost Drive Mayfield West NATA# 1261 Site# 25079 1/21 Smallwood Place Murarrie QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780 Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

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NATA# 2377 Site# 2370 & 2554

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

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Polycyclic Aromatic Hydrocarbons	×																
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Sample Detail	- NATA # 1261 Site	Dec 18, 2024															
	Sydney Laboratory -	TP02_0-0.1	TP02_0.2-0.3	TP02_0.4-0.5	TP03_0.2-0.3	TP04_0-0.1	TP04_0.2-0.3	TP05_0-0.1	TP05_0.2-0.3	TP05_0.4-0.5	TP05_0.1-0.5	TP06_0-0.1	TP06_0.4-0.5	TP07_0-0.1	TP07_0.2-0.3	TP07_0.4-0.5	TP08_0-0.1
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Eurofins Suite B1	×																
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Asbestos - WA guidelines	×																
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Sample Detail	- NATA # 1261 Site # 18217	Dec 18, 2024															
	Sydney Laboratory -	TP08_0.2-0.3	TP08_0.0-0.2	TP09_0.2-0.3	TP09_0.4-0.5	TP09_0.2-0.5	TP10_0.2-0.3	TP10_0.4-0.5	TP11_0-0.1	TP11_0.2-0.3	TP11_0.4-0.5	TP12_0.2-0.3	TP12_0.4-0.5	TP13_0-0.1	TP13_0.2-0.3	TP13_0.4-0.5	TP14_0-0.1
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1174208 02 8245 0300 Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

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Company Name: Address:

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Site# 18217

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NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079 Newcastle 1/2 Frost Drive Mayfield West Brisbane 1/21 Smallwood Place Murarrie QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780 Order No.: Report #: Phone: Fax:

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Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

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NATA# 2377 Site# 2370 & 2554

IANZ# 1308

**Eurofins Environment Testing NZ Ltd** 

**Eurofins ARL Pty Ltd** 

NZBN: 9429046024954

Auckland

IANZ# 1402

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Sample Detail	- NATA # 1261 Site # 18217	Dec 18, 2024															
	Sydney Laboratory	TP20_0.2-0.3	TP20_0.4-0.5	TP21_0-0.1	TP21_0.2-0.3	TP21_0.4-0.5	TP22_0-0.1	TP22_0.4-0.5	TP23_0.2-0.3	TP23_0.4-0.5	TP24_0-0.1	TP24_0.4-0.5	TP25_0-0.1	TP25_0.2-0.3	TP25_0.4-0.5	TP26_0-0.1	TP26_0.2-0.3
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Company Name: Address:

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MATRAVILLE MATRAVILLE

Project Name: Project ID:

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466 Sydney
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+61 2 9900 8400
NATA# 1261
Site# 18217

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Auckland

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

**Eurofins Analytical Services Manager: Andrew Black** 

JBS&G Suite 2

Eurofins Suite B1	×				
Moisture Set	×				
Metals M8	×				
Polycyclic Aromatic Hydrocarbons	×				
HOLD*	×	×	×	×	×
CANCELLED*	×				
Asbestos - WA guidelines	×				
		S24-De0059041	S24-De0059042	S24-De0059149	S24-De0059150
tail	217	Trip Blank (liquid)	Trip Spike (liquid)	Soil	Soil
Sample Detail	Site # 18				
σ	- NATA # 1261	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
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**Test Counts** 



#### Certificate of Analysis

#### **Environment Testing**

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St Sydney **NSW 2000** 



**NATA Accredited Accreditation Number 1261** Site Number 18217

Accredited for compliance with ISO/IEC 17025—Testing NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Finn Billyard-Currey Attention:

Report 1174208-AID **Project Name MATRAVILLE Project ID MATRAVILLE** Dec 19, 2024 **Received Date Date Reported** Jan 10, 2025

#### Methodology:

Asbestos Fibre Identification

Conducted in accordance with the Australian Standard AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004 and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques.

NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.

Man-made vitreous fibre (MMVF)

Fibres exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and bio-soluble fibres. NOTE: previously known as "synthetic mineral fibre" (SMF). Simple analytical procedures such as polarised light microscopy cannot detect or reliably identify asbestos in some types of commercial products containing asbestos, either because the fibres are below the resolution of optical microscopy or because the matrix material adheres too strongly to the fibres. For these types of products, electron microscopy may be necessary.

Subsampling Soil Samples

The sample submitted is dried and passed through a 10 mm sieve followed by a 2 mm sieve. All fibrous matter greater than 10 mm and greater than 2 mm and the material passing through the 2 mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 g to 60 g, then a subsampling routine based on ISO 3082:2017(E) is employed.

NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be subsampled for trace analysis, in accordance with AS 5370:2024\*.

Bonded asbestoscontaining material (ACM)

The material is first examined, and any fibres are isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination. The resultant material is then further examined in accordance with AS 5370:2024\*.

NOTE: Even after disintegration, it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some oré samples are

examples of these types of material, which are difficult to analyse.

Limit of Reporting (LOR)

The performance limitation of the AS 5370:2024\* method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory limit of reporting, per se. Examination of large sample size (e.g., 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 5370:2024\*, and hence, NATA Accreditation does not cover the performance of this service (non-NATA results are shown with an asterisk).

NOTE: NATA News March 2014, p.7, states in relation to AS 4964-2004: "This is a qualitative method with a nominal reporting limit of 0.01%" and that currently in Australia "there is no validated method available for the quantification of spherica." This report is experience with the application procedures and reporting in the NEPM and the second content of the production of the NEPM and the second content with the application of the production of the NEPM and the negative and reporting in the NEPM and the negative content of the negative reporting in the NEPM and the negative content of the negative reporting in the NEPM and the negative content of the negative reporting in the NEPM and the negative content of 
asbestos". This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the

WA DoH.

Dec 18, 2024 1174208-AID MATRAVILLE MATRAVILLE Date Sampled **Project Name** Project ID Report

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP01_0-0.5	24-De0058933	Dec 18, 2024	Approximate Sample 956g Sample consisted of: Brown coarse-grained sandy soil, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP02_0-0.5	24-De0058934	Dec 18, 2024	Approximate Sample 958g Sample consisted of: Brown coarse-grained sandy soil, brick and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP03_0.2-0.5	24-De0058937	Dec 18, 2024	Approximate Sample 517g Sample consisted of: Brown coarse-grained sandy soil, brick, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP03_0-0.2	24-De0058938	Dec 18, 2024	Approximate Sample 653g Sample consisted of: Brown coarse-grained sandy soil, cement, brick and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP04_0-0.5	24-De0058940	Dec 18, 2024	Approximate Sample 1000g Sample consisted of: Brown coarse-grained sandy soil, bitumen, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP06_0-0.5	24-De0058942	Dec 18, 2024	Approximate Sample 1001g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP07_0-0.5	24-De0058943	Dec 18, 2024	Approximate Sample 905g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP08_0.2-0.5	24-De0058945	Dec 18, 2024	Approximate Sample 833g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.



Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP10_0-0.5	24-De0058948	Dec 18, 2024	Approximate Sample 769g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP11_0.2-0.5	24-De0058949	Dec 18, 2024	Approximate Sample 896g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP12_0-0.5	24-De0058951	Dec 18, 2024	Approximate Sample 743g Sample consisted of: Brown coarse-grained sandy soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP13_0-0.5	24-De0058952	Dec 18, 2024	Approximate Sample 862g Sample consisted of: Brown coarse-grained sandy soil, corroded metal, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP14_0-0.5	24-De0058954	Dec 18, 2024	Approximate Sample 751g Sample consisted of: Brown coarse-grained sandy soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP15_0-0.5	24-De0058955	Dec 18, 2024	Approximate Sample 873g Sample consisted of: Brown coarse-grained sandy soil, glass and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP16_0-0.5	24-De0058957	Dec 18, 2024	Approximate Sample 902g Sample consisted of: Brown coarse-grained sandy soil, glass and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP17_0-0.2	24-De0058958	Dec 18, 2024	Approximate Sample 702g Sample consisted of: Brown coarse-grained sandy soil, glass, cement, coal and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP18_0-0.5	24-De0058960	Dec 18, 2024	Approximate Sample 961g Sample consisted of: Brown coarse-grained sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.
TP20_0-0.5	24-De0058962	Dec 18, 2024	Approximate Sample 784g Sample consisted of: Brown coarse-grained sandy soil, glass, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP22_0-0.5	24-De0058965	Dec 18, 2024	Approximate Sample 972g Sample consisted of: Brown coarse-grained sandy soil, plant reisude and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP23_0-0.5	24-De0058967	Dec 18, 2024	Approximate Sample 839g Sample consisted of: Brown coarse-grained sandy soil, ceramic tile, corroded metal, cement and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP24_0-0.5	24-De0058969	Dec 18, 2024	Approximate Sample 929g Sample consisted of: Brown coarse-grained sandy soil, cement, plant reisude and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected.  No trace asbestos detected.



### FA: Chrysotile and amosite asbestos detected in weathered fibre cement material. Approximate raw weight of FA = 0.022g Estimated asbestos content in FA = 0.043g\* No all estimated asbestos concentration in FA = 0.00062% w/w\* No asbestos detected at the reporting limit of 0.001% w/w.\* Organic fibre detected. No trace asbestos detected. No asbestos detected at the reporting limit of 0.001% w/w.\* Organic fibre detected. No trace asbestos detected. No asbestos detected at the reporting limit of 0.001% w/w.\* Organic fibre detected. No trace asbestos detected. No asbestos detected at the reporting limit of 0.001% w/w.\* Organic fibre detected. No trace asbestos detected. No asbestos detected at the reporting limit of 0.001% w/w.\* Organic fibre detected. No trace asbestos detected. Result Approximate Sample 744g Sample consisted of: Brown coarse-grained sandy soil, plant reisude, corroded metal and rocks Approximate Sample 696g Sample consisted of: Brown coarse-grained sandy soil, coal, cement, brick, corroded metal and rocks Approximate Sample 848g Sample consisted of: Brown coarse-grained sandy soil and rocks Approximate Sample 1029g Sample consisted of: Brown coarse-grained sandy soil and rocks Approximate Sample 725g Sample consisted of: Brown coarse-grained sandy soil and rocks Sample Description Date Sampled Dec 18, 2024 **Eurofins Sample** 24-De0058970 24-De0058972 24-De0058974 24-De0058973 24-De0059029 Client Sample ID TP21 0.4-0.5 TP25\_0-0.5 TP26 0-0.5 QC02 QC01



#### **Sample History**

Date Reported: Jan 10, 2025

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

DescriptionTesting SiteExtractedHolding TimeAsbestos - LTM-ASB-8020SydneyJan 06, 2025Indefinite

Eurofins Environment Testing 179 Magowar Road, Girraween NSW, Australia, 2145 ABN : 50 005 085 521 Telephone: +61 2 9900 8400

Report Number: 1174208-AID

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Site# 18217

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Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 +61 2 4968 8448 NATA# 1261 Site# 25079

NATA# 2377 Site# 2370 & 2554 Order No.: Report #: Phone: Fax:

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Received: Due: Priority: Contact Name:

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Finn Billyard-Currey

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urofins Suite B1	×						×	×					×				
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			LAB ID	S24-De0058932	S24-De0058933	S24-De0058934	S24-De0058935	S24-De0058936	S24-De0058937	S24-De0058938	S24-De0058939	S24-De0058940	S24-De0058941	S24-De0058942	S24-De0058943	S24-De0058944	S24-De0058945
			Matrix	Soil													
Sample Detail	Site # 18217		Sampling Time														
Ø,	NATA # 1261		Sample Date	Dec 18, 2024													
	Sydney Laboratory - NATA # 1261 Site # 18217	External Laboratory	Sample ID	TP01_0-0.1	TP01_0-0.5	TP02_0-0.5	TP03_0-0.1	TP03_0.4-0.5	TP03_0.2-0.5	TP03_0-0.2	TP04_0.4-0.5	TP04_0-0.5	TP06_0.2-0.3	TP06_0-0.5	TP07_0-0.5	TP08_0.4-0.5	TP08_0.2-0.5   Dec 18, 2024
	Sydn	Exter	8	1	5	က	4	2	9	7	ω	6	10	7	12	13	14

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NATA# 1261 Site# 25403

NATA# 1261 Site# 1254

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1174208 02 8245 0300 Order No.: Report #: Phone: Fax:

Priority: Contact Name: Received

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Finn Billyard-Currey

Eurofins Analytical Services Manager: Andrew Black

Sample Detail

Moisture Set Metals M8 Polycyclic Aromatic Hydrocarbons

HOLD\* CANCELLED\* Asbestos - WA guidelines

JBS&G Suite 2

Eurofins Suite B1

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S24-De0058946

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Sydney Laboratory - NATA # 1261 Site # 18217

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S24-De0058948

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Dec 18, 2024 Dec 18, 2024 Dec 18, 2024

TP12 0-0.5 TP13 0-0.5

TP12 0-0.1

TP11 0.2-0.5

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Dec 18, 2024

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Dec 18, 2024

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Dec 18, 2024

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× × Page 7 of 15 Report Number: 1174208-AID

> Eurofins Environment Testing 179 Magowar Road, Girraween NSW, Australia, 2145 ABN: 50 005 085 521 Telephone: +61 2 9900 8400

**Eurofins ARL Pty Ltd** 

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Eurofins Analytical Services Manager: Andrew Black

JBS&G Suite 2

Eurofins Suite B1

Moisture Set

Metals M8

Polycyclic Aromatic Hydrocarbons
HOLD*
CANCELLED*
Asbestos - WA guidelines
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Sample Detail
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Sydney Laboratory - NATA # 1261 Site # 18217																				
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Sample Detail           Sydney Laboratory - NATA # 1261 Site # 1821           32         TP21 0-0.5         Dec 18, 2024           33         TP22 0.2-0.3         Dec 18, 2024           34         TP22 0.0-5         Dec 18, 2024           35         TP22 0.0-5         Dec 18, 2024           36         TP23 0-0.5         Dec 18, 2024           37         TP24 0.2-0.3         Dec 18, 2024           39         TP25 0-0.5         Dec 18, 2024           40         TP26 0-0.5         Dec 18, 2024           40         TP26 0-0.5         Dec 18, 2024           41         TP26 0-0.5         Dec 18, 2024           42         QC01         Dec 18, 2024           43         QC02         Dec 18, 2024           44         TP01 0.2-0.3         Dec 18, 2024           45         TP01 0.4-0.5         Dec 18, 2024           46         TP02 0-0.1         Dec 18, 2024           46         TP02 0-0.3         Dec 18, 2024           47         TP02 0.2-0.3         Dec 18, 2024           48         TP02 0.2-0.3         Dec 18, 2024	_	2	Soil																	
Sydney Laboratory - NATA # 1261         32       TP21       0-0.5       Dec 18, 2024         33       TP22       0.2-0.3       Dec 18, 2024         34       TP22       0-0.5       Dec 18, 2024         35       TP22       0-0.5       Dec 18, 2024         36       TP23       0-0.5       Dec 18, 2024         37       TP24       0.2-0.3       Dec 18, 2024         40       TP26       0-0.5       Dec 18, 2024         40       TP26       0-0.5       Dec 18, 2024         41       TP26       0-0.5       Dec 18, 2024         42       QC01       Dec 18, 2024         43       QC02       Dec 18, 2024         45       TP01       0.4-0.5       Dec 18, 2024         46       TP02       0-0.1       Dec 18, 2024         46       TP02       0-0.1       Dec 18, 2024         46       TP02       0-0.1       Dec 18, 2024         47       TP02       0.2-0.3       Dec 18, 2024         48       TP02       0.4-0.5       Dec 18, 2024	ample Detail	Site # 18217																		
Sydney Laboratory         32       TP21       0-0.5         33       TP22       0.2-0.3         34       TP22       0-0.5         35       TP22       0-0.5         36       TP23       0-0.5         37       TP24       0.2-0.3         38       TP24       0-0.5         40       TP26       0-0.5         41       TP26       0-0.5         42       QC01         43       QC02         46       TP01       0.4-0.5         46       TP02       0-0.1         47       TP02       0.2-0.3         48       TP02       0.4-0.5	ν	NATA # 1261	Dec 18, 2024																	
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IANZ# 1402

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JBS&G Suite 2	×																	
Eurofins Suite B1	×																	
Moisture Set	×																	
Metals M8	×																	
Polycyclic Aromatic Hydrocarbons	×																	
HOLD*	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
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		S24-De0058980	S24-De0058981	S24-De0058982	S24-De0058983	S24-De0058984	S24-De0058985	S24-De0058986	S24-De0058987	S24-De0058988	S24-De0058989	S24-De0058990	S24-De0058991	S24-De0058992	S24-De0058993	S24-De0058994	S24-De0058995	S24-De0058996
Sample Detail	Site # 18217	Soil																
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	Sydney Laboratory - NATA # 1261	TP03_0.2-0.3	TP04_0-0.1	TP04_0.2-0.3	TP05_0-0.1	TP05_0.2-0.3	TP05_0.4-0.5	TP05_0.1-0.5	TP06_0-0.1	TP06_0.4-0.5	TP07_0-0.1	TP07_0.2-0.3	TP07_0.4-0.5	TP08_0-0.1	TP08_0.2-0.3	TP08_0.0-0.2	TP09 0.2-0.3	TP09_0.4-0.5
	Sydn	49	20	51	52	53	54	55	99	22	58	26	09	61	62	63	64	65

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NATA# 2377 Site# 2370 & 2554

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Received: Due: Priority: Contact Name:

**Eurofins Analytical Services Manager: Andrew Black** 

JBS&G Suite 2	×																	
Eurofins Suite B1	×																	
Moisture Set	×																	
Metals M8	×																	
Polycyclic Aromatic Hydrocarbons	×																	
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		S24-De0058997	S24-De0058998	S24-De0058999	S24-De0059000	S24-De0059001	S24-De0059002	S24-De0059003	S24-De0059004	S24-De0059005	S24-De0059006	S24-De0059007	S24-De0059008	S24-De0059009	S24-De0059010	S24-De0059011	S24-De0059012	S24-De0059013
itail	3217	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Detail	IATA # 1261 Site # 1821	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
	Sydney Laboratory - NATA # 1261	TP09_0.2-0.5 D	TP10_0.2-0.3 D	TP10_0.4-0.5 D	TP11_0-0.1 D	TP11_0.2-0.3 D	TP11_0.4-0.5 D	TP12_0.2-0.3 D	TP12_0.4-0.5 D	TP13_0-0.1 D	TP13_0.2-0.3 D	TP13_0.4-0.5 D	TP14_0-0.1 D	TP14_0.4-0.5 D	TP15_0-0.1 D	TP15_0.2-0.3 D	TP15_0.4-0.5_D	TP16_0-0.1 D
	Sydr	99	29	89	69	70	71	72	73	74	75	92	77	78	62	80	81	82

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Report Number: 1174208-AID

ABN: 50 0	
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email: EnviroSales@eurofinsanz.com web: www.eurofins.com.au

Geelong Street 19/8 Lewalan Street 19/8 Lewalan Crovedale (Crovedale 13 864 5000 NATA# 1261 Stre# 25403 Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney NSW 2000

Sydney
179 Magowar Road
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NSW 2145
+61 2 9900 8400
NATA# 1261
Site# 18217

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

Newcastle 1/2 Frost Drive Mayfield West Brisbane 1/21 Smallwood Place 1 Murarrie N QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780

Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554 NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079

1174208 02 8245 0300 Order No.: Report #: Phone: Fax:

Tauranga 1277 Cameron Road, Gate Pa, Tauranga 3112 +64 9 525 0568

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**Eurofins Environment Testing NZ Ltd** 

**Eurofins ARL Pty Ltd** 

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Auckland

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Finn Billyard-Currey Received: Due: Priority: Contact Name:

Eurofins Analytical Services Manager: Andrew Black

JBS&G Suite 2	×																	
Eurofins Suite B1	X																	
Moisture Set	X																	
Metals M8	×																	
Polycyclic Aromatic Hydrocarbons	×																	
HOLD*	X	X	×	×	×	X	×	×	×	×	×	×	×	×	×	×		×
CANCELLED*	×																	
Asbestos - WA guidelines	×																×	
		S24-De0059014	S24-De0059015	S24-De0059016	S24-De0059017	S24-De0059018	S24-De0059019	S24-De0059020	S24-De0059021	S24-De0059022	S24-De0059023	S24-De0059024	S24-De0059025	S24-De0059026	S24-De0059027	S24-De0059028	S24-De0059029	S24-De0059030
_	2	Soil																
Sample Detail	Site # 1821.																	
й	- NATA # 1261	Dec 18, 2024																
	ney Laboratory	TP16_0.2-0.3	TP17_0-0.1	TP17_0.2-0.3	TP17_0.4-0.5	TP17_0.2-0.5	TP18_0-0.1	TP18_0.2-0.3	TP19_0-0.1	TP19_0.2-0.3	TP19_0.4-0.5	TP20_0-0.1	TP20_0.2-0.3	TP20_0.4-0.5	TP21_0-0.1	TP21_0.2-0.3	TP21_0.4-0.5	TP22_0-0.1

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Report Number: 1174208-AID

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Australia
Testing
Environment
Eurofins

ABN: 50 005 085 521

Melbourne C 6 Monterey Road 💸 eurofins web: www.eurofins.com.au

email: EnviroSales@eurofinsanz.com

Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney NSW 2000

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466 Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217

1/2 Frost Drive Mayfield West 1/21 Smallwood Place QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780

WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554 NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079

1174208 02 8245 0300 Order No.: Report #: Phone: Fax:

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Finn Billyard-Currey Received: Due: Priority: Contact Name:

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Christchurch 43 Detroit Drive Rolleston, Christchurch 7675 +64 3 343 5201 IANZ# 1290

Auckland (Focus) Unit C1/4 Pacific Rise, Mount Wellington, Auckland 1061 +64 9 525 0568

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**Eurofins Environment Testing NZ Ltd** 

**Eurofins ARL Pty Ltd** 

NZBN: 9429046024954 35 O'Rorke Road Penrose, Auckland 1061 +64 9 526 4551 IANZ# 1327

Auckland

Perth 46-48 Banksia Road Welshpool ABN: 91 05 0159 898

IANZ# 1402

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JBS&G Suite 2	×															
Eurofins Suite B1	×															
Moisture Set	×															
Metals M8	×															
Polycyclic Aromatic Hydrocarbons	×															
HOLD*	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
CANCELLED*	×															
Asbestos - WA guidelines	×															Ш
		S24-De0059031	S24-De0059032	S24-De0059033	S24-De0059034	S24-De0059035	S24-De0059036	S24-De0059037	S24-De0059038	S24-De0059039	S24-De0059040	S24-De0059041	S24-De0059042	S24-De0059149	S24-De0059150	S24-De0059152
		Soil	Trip Blank (liquid)	Trip Spike (liquid)	Soil	Soil	Soil									
Sample Detail	Site # 18217															
ŏ	- NATA # 1261	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024										
	Sydney Laboratory - NATA # 1261 Site # 18217	TP22_0.4-0.5	TP23_0.2-0.3	TP23_0.4-0.5	TP24_0-0.1	TP24_0.4-0.5	TP25_0-0.1	TP25_0.2-0.3	TP25_0.4-0.5	TP26_0-0.1	TP26_0.2-0.3	TRIP BLANK	TRIP SPIKE	TP11_0-0.2	TP09_0-0.2	TP18_0.0-0.3
	Sydn	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114

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Page 13 of 15 Report Number: 1174208-AID

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Melbourne G

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Newcastle 1/2 Frost Drive Mayfield West Brisbane
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Murarrie
N
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NATA# 1261
NATA# 20794 & 2780

ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

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NSW 2145
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NATA# 1261
Site# 18217

Geelong 19/8 Lewalan Street 19/8 Lewalan Street 19/10 21/10 21/10 14/13 8564 5000 NATA# 1261 Site# 25403

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Christchurch 43 Detroit Drive Rolleston, Christchurch 7675 +64 3 343 5201 IANZ# 1290

IANZ# 1402

Received: Due: Priority: Contact Name:

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Finn Billyard-Currey

**Eurofins Analytical Services Manager: Andrew Black** 

Order No.: Report #: Phone: Fax:

Moisture Set Metals M8 Polycyclic Aromatic Hydrocarbons HOLD\* CANCELLED\*

JBS&G Suite 2

Eurofins Suite B1

Asbestos - WA guidelines

Sample Detail

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Sydney Laboratory - NATA # 1261 Site # 18217

**Test Counts** 

26

Eurofins Environment Testing 179 Magowar Road, Girraween NSW, Australia, 2145



#### Internal Quality Control Review and Glossary General

- QC data may be available on request. All soil results are reported on a dry basis, unless otherwise stated.
- Samples were analysed on an 'as received' basis
- Information identified on this report with the colour blue indicates data provided by customer that may have an impact on the results
- This report replaces any interim results previously issued

#### **Holding Times**

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).

Units

Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (% w/w) Airborne fibre filter loading as Fibres (N) per Fields counted (n)
Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (C) % w/w:

F/fld

F/mL

g, kg Mass, e.g. of whole sample (M) or asbestos-containing find within the sample (m)

Concentration in grams per kilogram g/kg

Volume, e.g. of air as measured in AFM ( $V = r \times t$ ) L. mL

Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (r) Time (t), e.g. of air sample collection period L/min

min

Calculations

 $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$ Airborne Fibre Concentration:

Asbestos Content (as asbestos):  $\% w/w = \frac{(m \times P_A)}{M}$ Weighted Average (of asbestos):  $\%_{WA} = \sum_{r} \frac{(m \times P_A)_x}{r}$ 

Terms

PCM

Estimated percentage of asbestos in a given matrix may be derived from knowledge or experience of the material, informed by HSG264 Appendix 2, else %asbestos

assumed to be 15% in accordance with WA DOH Appendix 2 (PA). This estimate is not NATA-accredited

Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the ACM

NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.

ΑF Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable

material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable"

AFM Airborne Fibre Monitoring, e.g., by the MFM.

Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004. Amosite

AS

Asbestos Content (as asbestos) Total %w/w asbestos content in asbestos-containing finds in a soil sample (% w/w).

Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.. Chrysotile

Chain of Custody

COC

Crocidolite Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 5370:2024\* Sampling and

qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004..

Dry Sample is dried by heating prior to analysis.

DS Dispersion Staining. Technique required for unequivocal Identification of asbestos fibres by PLM.

Fibrous Asbestos. Asbestos-containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become FΑ

friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to distinguish visibly and may be assessed as AF.

**Fibre Count** Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003

Fibre Identification. Unequivocal identification of asbestos fibres according to AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials Fibre ID

(ISO 22262-1:2012, MOD), formerly AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos

Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is Friable

outside of the laboratory's remit to assess the degree of friability

HSG248 UK HSE HSG248, Asbestos: The Analysts Guide, 2nd Edition (2021), ISBN: 9780616667079.

**HSG264** UK HSE HSG264, Asbestos: The Survey Guide (2012), .ISBN: 9780717665020

ISO (also ISO/IEC) International Organization for Standardization / International Electrotechnical Commission.

Microscope constant (K) as derived from the effective filter area of the given AFM membrane used for collecting the sample (A) and the projected eyepiece K Factor

graticule area of the specific microscope used for the analysis (a).

LOR

MFM (also NOHSC:3003) Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, Guidance Note on the Membrane

Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003(2005)].

Man-Made Vitreous Fibre - exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and "bio-soluble fibres. MMVF

NOTE: previously known as "synthetic mineral fibre" (SMF).

NEPM (also ASC NEPM) National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended)

Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.. Organic

Phase Contrast Microscopy. This is used for fibre counting according to the MFM.

Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 5370:2024\* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.. PLM

Sampling Unless otherwise stated, Eurofins are not responsible for sampling equipment or the sampling process. SRA Sample Receipt Advice

An analytical procedure is used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix. Trace Analysis

**UK HSE HSG** United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.

UMF Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according to AS 5370:2024\*

Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.. It may include (but is not limited to)

actinolite, anthophyllite, or tremolite asbestos.

WA DOH Reference document for the NEPM. Government of Western Australia, Guidelines for the Assessment, Remediation and Management of Asbestos-

Contaminated Sites in Western Australia (updated 2021), including Appendix Four: Laboratory analysis

Weighted Average Combined average %w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (%wA)

Eurofins Environment Testing 179 Magowar Road, Girraween NSW, Australia, 2145 Page 14 of 15 Date Reported: Jan 10, 2025 ABN: 50 005 085 521 Telephone: +61 2 9900 8400 Report Number: 1174208-AID



#### Comments

#### Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

#### **Asbestos Counter/Identifier:**

Chamath JHM Annakkage Senior Analyst-Asbestos

#### Authorised by:

Sayeed Abu Senior Analyst-Asbestos



Glenn Jackson Managing Director

Final Report - this report replaces any previously issued Report

- Indicates Not Requested
- \* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please  $\underline{\text{click here.}}$ 

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JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St Sydney NSW 2000





NATA Accredited Accreditation Number 1261 Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: Finn Billyard-Currey

Report1174208-SProject nameMATRAVILLEProject IDMATRAVILLEReceived DateDec 19, 2024

Client Sample ID			TP01_0-0.1	TP03_0-0.1	TP03_0.4-0.5	TP04_0.4-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Cample matrix			S24-	S24-	S24-	S24-
Eurofins Sample No.			De0058932	De0058935	De0058936	De0058939
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	75	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	75	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)N04	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*N01	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	93	107	74	80
Total Recoverable Hydrocarbons - 2013 NEPM	Fractions					
Naphthalene <sup>N02</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene <sup>N07</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5



Client Sample ID			TP01_0-0.1	TP03_0-0.1	TP03_0.4-0.5	TP04_0.4-0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058932	S24- De0058935	S24- De0058936	S24- De0058939
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons	1 2011	1 01111				
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	84	84	84	89
p-Terphenyl-d14 (surr.)	1	%	81	80	67	73
Organochlorine Pesticides	·					
Chlordanes - Total	0.1	mg/kg	< 0.1	-	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	-	0.05
b-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	-	0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	61	-	-	68
Tetrachloro-m-xylene (surr.)	1	%	79	-	-	61
Polychlorinated Biphenyls	0.4	1 "	.0.4			.0.4
Arcelor 1331	0.1	mg/kg	< 0.1	-	-	< 0.1
Arcelor 1222	0.1	mg/kg	< 0.1	-	-	< 0.1
Arcelor 1242	0.1	mg/kg	< 0.1	-	-	< 0.1
Arcelor 1242	0.1	mg/kg	< 0.1	-	-	< 0.1
Arcelor 1254	0.1	mg/kg	< 0.1	-	-	< 0.1
Arcelor 1360	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.) Tetrachloro-m-xylene (surr.)	1	%	61 79	-	-	68 61

Report Number: 1174208-S



Client Sample ID			TP01_0-0.1	TP03_0-0.1	TP03_0.4-0.5	TP04_0.4-0.5
Sample Matrix Eurofins Sample No.			Soil S24- De0058932	Soil S24- De0058935	Soil S24- De0058936	Soil S24- De0058939
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	< 2	4.5	< 2	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	18	6.7	22
Copper	5	mg/kg	< 5	10.0	7.1	7.8
Lead	5	mg/kg	8.3	30	41	9.1
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	18
Zinc	5	mg/kg	16	67	47	21
Sample Properties		·				
% Moisture	1	%	1.1	7.2	2.3	4.1

Client Sample ID			TP06_0.2-0.3	TP08_0.4-0.5	TP10_0-0.1	TP12_0-0.1
Sample Matrix			Soil	Soil	Soil	Soil
			S24- De0058941	S24- De0058944	S24- De0058947	S24- De0058950
Eurofins Sample No.						
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	31	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	520	< 50
TRH C29-C36	50	mg/kg	< 50	64	290	53
TRH C10-C36 (Total)	50	mg/kg	< 50	64	841	53
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)N04	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	140	< 50
TRH >C10-C16 less Naphthalene (F2)*N01	50	mg/kg	< 50	< 50	140	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	660	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	800	< 100
втех						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	77	81	76	82
Total Recoverable Hydrocarbons - 2013 NEPM	Fractions					
Naphthalene <sup>N02</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Report Number: 1174208-S



Client Sample ID			TP06_0.2-0.3	TP08_0.4-0.5	TP10_0-0.1	TP12_0-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058941	S24- De0058944	S24- De0058947	S24- De0058950
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons	1 20.1	1 0				
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene <sup>N07</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	81	63	71	84
p-Terphenyl-d14 (surr.)	1	%	67	56	68	68
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	_	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	_	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor 	0.05	mg/kg	-	< 0.05	<del>-</del>	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	52 <sup>Q09</sup> INT	-	74
Tetrachloro-m-xylene (surr.)		<u> </u> %	-	IIN I	-	58
Polychlorinated Biphenyls	0.4	n		101	+	101
Arcelor 1991	0.1	mg/kg	<del>-</del> -	< 0.1	-	< 0.1
Arcelor 1221	0.1	mg/kg	-	< 0.1	-	< 0.1
Arcelor 1242	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1242 Aroclor-1248	0.1	mg/kg mg/kg	-	< 0.1 < 0.1	-	< 0.1 < 0.1



Client Sample ID			TP06_0.2-0.3	TP08_0.4-0.5	TP10_0-0.1	TP12_0-0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058941	S24- De0058944	S24- De0058947	S24- De0058950
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	52	-	74
Tetrachloro-m-xylene (surr.)	1	%	-	Q09INT	-	58
Heavy Metals						
Arsenic	2	mg/kg	< 2	< 2	< 2	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	0.5	< 0.4
Chromium	5	mg/kg	< 5	< 5	< 5	< 5
Copper	5	mg/kg	< 5	< 5	7.6	9.4
Lead	5	mg/kg	< 5	< 5	24	47
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	< 5	9.9	110	58
Sample Properties						
% Moisture	1	%	1.9	2.2	4.7	2.3

Client Sample ID			TP14 0.2-0.3	TP16 0.4-0.5	TP18 0.4-0.5	TP22 0.2-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058953	S24- De0058956	S24- De0058959	S24- De0058964
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	65	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	53	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	118	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)N04	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	51	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*N01	50	mg/kg	< 50	51	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	108	88	120	79
Total Recoverable Hydrocarbons - 2013 NEPM F	ractions					
Naphthalene <sup>N02</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5



Client Sample ID			TD44 0000	TD40 0 4 0 5	TD40 0 4 0 5	TD20 0 0 0 0
Client Sample ID			TP14_0.2-0.3	TP16_0.4-0.5	TP18_0.4-0.5	TP22_0.2-0.3
Sample Matrix			Soil S24-	Soil S24-	Soil S24-	Soil S24-
Eurofins Sample No.			De0058953	De0058956	De0058959	De0058964
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene <sup>N07</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	74	74	94	92
p-Terphenyl-d14 (surr.)	1	%	53	75	102	95
Organochlorine Pesticides		1 70		10	102	
Chlordanes - Total	0.1	mg/kg	_	< 0.1	_	< 0.1
4.4'-DDD	0.05	mg/kg	_	< 0.05	_	< 0.05
4.4'-DDE	0.05	mg/kg	_	< 0.05	_	< 0.05
4.4'-DDT	0.05	mg/kg	_	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	_	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	_	< 0.05	_	< 0.05
b-HCH	0.05	mg/kg	_	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg		< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	_	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	_	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	_	< 0.05	_	< 0.05
Endosulfan sulphate	0.05	mg/kg	_	< 0.05	_	< 0.05
Endrin	0.05	mg/kg	_	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg		< 0.05		< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	<del>-</del>	< 0.05
	0.05		-	< 0.05		< 0.05
Heptachlor Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
-		mg/kg	-		-	
Hexachlorobenzene  Mothovychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	56	-	80
Tetrachloro-m-xylene (surr.)	1	%	-	78	-	84



Client Sample ID			TP14_0.2-0.3	TP16_0.4-0.5	TP18_0.4-0.5	TP22_0.2-0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058953	S24- De0058956	S24- De0058959	S24- De0058964
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	_	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	56	-	80
Tetrachloro-m-xylene (surr.)	1	%	-	78	-	84
Heavy Metals						
Arsenic	2	mg/kg	< 2	< 2	< 2	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	< 5	< 5	< 5
Copper	5	mg/kg	< 5	< 5	< 5	< 5
Lead	5	mg/kg	14	12	< 5	< 5
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	15	16	< 5	5.7
Sample Properties						
% Moisture	1	%	2.2	2.1	< 1	1.0

		T		1		
Client Sample ID			TP23_0-0.1	TP24_0.2-0.3	TP26_0.4-0.5	QC01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058966	S24- De0058968	S24- De0058971	S24- De0058973
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	57	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	57	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)N04	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*N01	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	77	80	86	77



Client Sample ID			TP23_0-0.1	TP24_0.2-0.3	TP26 0.4-0.5	QC01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058966	S24- De0058968	S24- De0058971	S24- De0058973
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
·	1.00	1.1	Dec 10, 2024	Dec 10, 2024	Dec 10, 2024	Dec 10, 2024
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 2013 NEPN			105	105	105	105
Naphthalene <sup>N02</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons	0.5	1 "	.0.5	.0.5	.0.5	.0.5
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
Benza(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene Benzo(b&j)fluoranthene <sup>N07</sup>	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
, , ,	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene		mg/kg				
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
ndeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	80	Q09INT	72	73
o-Terphenyl-d14 (surr.)	1	%	59	148	64	62
Organochlorine Pesticides	0.4	1 "		.04		.0.4
Chlordanes - Total	0.1	mg/kg	-	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
o-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1



Client Sample ID			TP23 0-0.1	TP24 0.2-0.3	TP26_0.4-0.5	QC01
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S24- De0058966	S24- De0058968	S24- De0058971	S24- De0058973
Date Sampled			Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024
Test/Reference	LOR	Unit			<u> </u>	
Organochlorine Pesticides						
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	Q09INT	-	57
Tetrachloro-m-xylene (surr.)	1	%	-	117		54
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	Q09INT	-	57
Tetrachloro-m-xylene (surr.)	1	%	-	117	-	54
Heavy Metals						
Arsenic	2	mg/kg	2.2	< 2	< 2	< 2
Cadmium	0.4	mg/kg	< 0.4	1.2	< 0.4	< 0.4
Chromium	5	mg/kg	9.3	< 5	< 5	5.0
Copper	5	mg/kg	11	8.3	< 5	6.8
Lead	5	mg/kg	75	190	5.4	9.6
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	5.4
Zinc	5	mg/kg	550	60	22	21
Sample Properties						
% Moisture	1	%	7.1	1.5	3.7	1.2

#### Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
JBS&G Suite 2			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Jan 03, 2025	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Polychlorinated Biphenyls	Sydney	Jan 03, 2025	28 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Metals M8	Sydney	Jan 03, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
% Moisture	Sydney	Dec 27, 2024	14 Days

<sup>-</sup> Method: LTM-GEN-7080 Moisture

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Site# 18217

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1174208 02 8245 0300 NATA# 2377 Site# 2370 & 2554 Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

**Eurofins Analytical Services Manager: Andrew Black** 

JBS&G Suite 2

Eurofins Suite B1	×						X	×					X			
Moisture Set	×			×			X	X			X		X			×
Metals M8	×						×	X					X			
Polycyclic Aromatic Hydrocarbons	×						×	X					X			
HOLD*	×															
CANCELLED*	×															
Asbestos - WA guidelines	×				×	×			×	×		×		×	×	
			LAB ID	S24-De0058932	S24-De0058933	S24-De0058934	S24-De0058935	S24-De0058936	S24-De0058937	S24-De0058938	S24-De0058939	S24-De0058940	S24-De0058941	S24-De0058942	S24-De0058943	S24-De0058944
			Matrix	Soil												
Sample Detail	Site # 18217		Sampling Time													
s S	NATA # 1261		Sample Date	Dec 18, 2024												
	Sydney Laboratory - NATA # 1261 Site # 18217	External Laboratory	Sample ID	TP01_0-0.1	TP01_0-0.5	TP02_0-0.5	TP03_0-0.1	TP03_0.4-0.5	TP03_0.2-0.5		TP04_0.4-0.5	TP04_0-0.5	TP06_0.2-0.3	TP06_0-0.5	TP07_0-0.5	TP08 0.4-0.5
	Sydn	Exter	No	_	2	3	4	2	9		8	6	10	11	12	13

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Site# 18217

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NATA# 2377 Site# 2370 & 2554 Order No.: Report #: Phone: Fax:

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**Eurofins Analytical Services Manager: Andrew Black** 

JBS&G Suite 2	×						×						×				
Eurofins Suite B1	×			×						×						×	
Moisture Set	×			×			×			×			×			×	
Metals M8	×			×						×						×	
Polycyclic Aromatic Hydrocarbons	×			×						×						×	
HOLD*	×																
CANCELLED*	×		×														
Asbestos - WA guidelines	×	×			×	×		×	×		×	×		×	×		×
Sample Detail		S24-De0058945	S24-De0058946	S24-De0058947	S24-De0058948	S24-De0058949	S24-De0058950	S24-De0058951	S24-De0058952	S24-De0058953	S24-De0058954	S24-De0058955	S24-De0058956	S24-De0058957	S24-De0058958	S24-De0058959	S24-De0058960
	117	Soil															
	- NATA # 1261 Site # 18217	Dec 18, 2024															
				۵	۵		۵	۵	۵		۵	۵		۵	۵		٥
	Sydney Laboratory	TP08_0.2-0.5	TP09_0.0-0.1	TP10_0-0.1	TP10 0-0.5	TP11_0.2-0.5	TP12_0-0.1	TP12_0-0.5	TP13_0-0.5	TP14_0.2-0.3	TP14_0-0.5	TP15_0-0.5	TP16_0.4-0.5	TP16_0-0.5	TP17_0-0.2	TP18_0.4-0.5	TP18_0-0.5
	Sydr	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

ABN: 50 005 085 521

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NATA# 1261 N
Site# 20794 & 2780 S Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

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Eurofins Analytical Services Manager: Andrew Black

Order No.: Report #: Phone: Fax:

JBS&G Suite 2

Eurofins Suite B1

Polycyclic Aromatic Hydrocarbons

Moisture Set

Metals M8

HOL CAN

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_D*	×
NCELLED*	×
estos - WA guidelines	×
Sample Detail	atory - NATA # 1261 Site # 18217

1												ı
	ley Laboratory	Sydney Laboratory - NATA # 1261 Site # 18217	ite # 18217			×	×	×	×	×	×	×
	TP19_0-0.5	Dec 18, 2024		Soil	S24-De0058961		×					
	TP20_0-0.5	Dec 18, 2024		Soil	S24-De0058962	×						
	TP21_0-0.5	Dec 18, 2024		Soil	S24-De0058963		×					
	TP22_0.2-0.3	Dec 18, 2024		Soil	S24-De0058964						×	
	TP22_0-0.5	Dec 18, 2024		Soil	S24-De0058965	×						
	TP23_0-0.1	Dec 18, 2024		Soil	S24-De0058966				×	×	×	×
	TP23_0-0.5	Dec 18, 2024		Soil	S24-De0058967	×						
	TP24_0.2-0.3	Dec 18, 2024		Soil	S24-De0058968						×	
	TP24_0-0.5	Dec 18, 2024		Soil	S24-De0058969	X						
	TP25_0-0.5	Dec 18, 2024		Soil	S24-De0058970	X						
	TP26_0.4-0.5	Dec 18, 2024		Soil	S24-De0058971				×	×	×	×
	TP26_0-0.5	Dec 18, 2024		Soil	S24-De0058972	X						
1	QC01	Dec 18, 2024		Soil	S24-De0058973	X					×	
	QC02	Dec 18, 2024		Soil	S24-De0058974	X						
ı <b>I</b>	TP01_0.2-0.3   Dec 18, 2024	Dec 18, 2024		Soil	S24-De0058975			×				
45	TP01_0.4-0.5   Dec 18, 2024	Dec 18, 2024		Soil	S24-De0058976			×				
ı												

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JBS&G Suite 2	×																
Eurofins Suite B1	×																
Moisture Set	×																
Metals M8	×																
Polycyclic Aromatic Hydrocarbons	×																
HOLD*	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
CANCELLED*	×																
Asbestos - WA guidelines	×																
		S24-De0058977	S24-De0058978	S24-De0058979	S24-De0058980	S24-De0058981	S24-De0058982	S24-De0058983	S24-De0058984	S24-De0058985	S24-De0058986	S24-De0058987	S24-De0058988	S24-De0058989	S24-De0058990	S24-De0058991	S24-De0058992
etail	- NATA # 1261 Site # 18217	Soil															
Sample Detail		Dec 18, 2024															
	Sydney Laboratory	TP02_0-0.1	TP02_0.2-0.3	TP02_0.4-0.5	TP03_0.2-0.3	TP04_0-0.1	TP04_0.2-0.3	TP05_0-0.1	TP05_0.2-0.3	TP05_0.4-0.5	TP05_0.1-0.5	TP06_0-0.1	TP06_0.4-0.5	TP07_0-0.1	TP07_0.2-0.3	TP07_0.4-0.5	TP08_0-0.1
	Sydr	46	47	48	49	50	51	52	53	54	55	26	22	58	59	90	61

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Sydney NSW 2000

MATRAVILLE MATRAVILLE

Project Name: Project ID:

NATA# 1261 Site# 25403

Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466 Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217

1/21 Smallwood Place Murarrie QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780

Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554 NSW 2304 +61 2 4968 8448 1/2 Frost Drive Mayfield West NATA# 1261 Site# 25079

Order No.: Report #: Phone: Fax:

Received: Due: Priority: Contact Name:

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IANZ# 1308

Eurofins Environment Testing NZ Ltd

**Eurofins ARL Pty Ltd** 

NZBN: 9429046024954 35 O'Rorke Road

Auckland

IANZ# 1402

Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

**Eurofins Analytical Services Manager: Andrew Black** 

Sample Detail

Moisture Set Metals M8 HOLD\* CANCELLED\* Asbestos - WA guidelines

Eurofins Suite B1 Polycyclic Aromatic Hydrocarbons

JBS&G Suite 2

×

× × ×

×

×

S24-De0058993

S24-De0058994

Soil Soil Soil Soil Soil Soil Soil Soil Soil Soil Soil Soil Soil Soil

Dec 18, 2024 Dec 18, 2024 Dec 18, 2024 Dec 18, 2024

TP09 0.2-0.3 TP08 0.0-0.2

TP09 0.4-0.5 TP09 0.2-0.5

65

99 29 89 69 20 7

Soil

Sydney Laboratory - NATA # 1261 Site # 18217

TP08 0.2-0.3 | Dec 18, 2024

62 63 4

×

S24-De0058995

×

× × × × × × × × × × × ×

S24-De0058997

S24-De0058998 S24-De0058999 S24-De0059000

Dec 18, 2024 Dec 18, 2024 Dec 18, 2024

TP10 0.2-0.3 TP10 0.4-0.5 S24-De0059002 S24-De0059003 S24-De0059004 S24-De0059005 S24-De0059006 S24-De0059007

S24-De0059001

Dec 18, 2024

TP11 0.2-0.3

TP11 0-0.1

Dec 18, 2024

Dec 18, 2024 Dec 18, 2024 Dec 18, 2024

TP12 0.4-0.5

TP13 0-0.1

74

Dec 18, 2024

TP11 0.4-0.5 TP12 0.2-0.3

S24-De0058996

S24-De0059008

Soil

Dec 18, 2024 Dec 18, 2024

TP14 0-0.1

TP13 0.2-0.3 TP13 0.4-0.5

: eurofins

6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

email: EnviroSales@eurofinsanz.com

web: www.eurofins.com.au

JBS & G Australia (NSW) P/L Level 8, 179 Elizabeth St

Company Name: Address:

Sydney NSW 2000

MATRAVILLE MATRAVILLE

Project Name: Project ID:

Sydney
179 Magowar Road
Girraween
NSW 2145
+61 2 9900 8400
NATA# 1261
Site# 18217 Geelong 19/8 Lewalan Street 19/8 Lewalan Street 19/10 21/10 21/10 14/13 8564 5000 NATA# 1261 Site# 25403

Canberra Unit 1,2 Dacre Street Mitchell

ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466

NSW 2304 +61 2 4968 8448 Newcastle 1/2 Frost Drive Mayfield West NATA# 1261 Site# 25079 1/21 Smallwood Place QLD 4172 T: +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780

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**Eurofins Analytical Services Manager: Andrew Black** 

Order No.: Report #: Phone:

Lax:			

JBS&G Suite 2	×																
Eurofins Suite B1	×																
Moisture Set	×																
Metals M8	×																
Polycyclic Aromatic Hydrocarbons	×																
HOLD*	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
CANCELLED*	×																
Asbestos - WA guidelines	×																
		S24-De0059009	S24-De0059010	S24-De0059011	S24-De0059012	S24-De0059013	S24-De0059014	S24-De0059015	S24-De0059016	S24-De0059017	S24-De0059018	S24-De0059019	S24-De0059020	S24-De0059021	S24-De0059022	S24-De0059023	S24-De0059024
itail	3217	Soil															
Sample Detail	1261 Site # 18217	024	024	024	024	024	024	024	2024	024	2024	024	2024	9024	024	024	2024
	- NATA # 1261	Dec 18, 2024	Dec 18, 2	Dec 18, 2024	Dec 18, 2	Dec 18, 2024	Dec 18, 2	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2						

Sydney Laboratory - N

TP14 0.4-0.5

TP15 0-0.1

TP15 0.2-0.3

80

TP15 0.4-0.5

8 82 TP17 0.4-0.5

TP17 0.2-0.3

85 86

TP16 0.2-0.3

83

TP17 0-0.1

8

TP16 0-0.1

TP17 0.2-0.5

87

TP18 0-0.1

88 89 90

TP18 0.2-0.3

TP19 0-0.1

TP19 0.2-0.3 TP19 0.4-0.5

91

TP20 0-0.1

92

Eurofins Environment Testing 179 Magowar Road, Girraween NSW, Australia, 2145

ABN: 50 005 085 521

Melbourne G

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Geelong
19/8 Lewalan Street
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NATA# 1261
Site# 25403 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

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Sydney
179 Magowar Road
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NATA# 1261
Site# 18217

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+61 2 4968 8448 1/2 Frost Drive Mayfield West NATA# 1261 Site# 25079 NSW 2304

Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554

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JBS&G Suite 2	×																
Eurofins Suite B1	×																
Moisture Set	×																
Metals M8	×																
Polycyclic Aromatic Hydrocarbons	×																
HOLD*	×	×	×	×	×		×	×	×	×	×	×	×	×	×	×	×
CANCELLED*	×																
Asbestos - WA guidelines	×					×											
		S24-De0059025	S24-De0059026	S24-De0059027	S24-De0059028	S24-De0059029	S24-De0059030	S24-De0059031	S24-De0059032	S24-De0059033	S24-De0059034	S24-De0059035	S24-De0059036	S24-De0059037	S24-De0059038	S24-De0059039	S24-De0059040
		Soil															
Sample Detail	- NATA # 1261 Site # 18217	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024
		Dec 18, 2024	Dec 18,	Dec 18, 2024													
	Sydney Laboratory	TP20_0.2-0.3	TP20_0.4-0.5	TP21_0-0.1	TP21_0.2-0.3	TP21_0.4-0.5	TP22_0-0.1	TP22_0.4-0.5	TP23_0.2-0.3	TP23_0.4-0.5	TP24_0-0.1	TP24_0.4-0.5	TP25_0-0.1	TP25_0.2-0.3	TP25_0.4-0.5	TP26_0-0.1	TP26 0.2-0.3
	Sydn	94	92	96	97	86	66	100	101	102	103	104	105	106	107	108	109

: eurofins

Geelong 19/8 Lewalan Street 19/8 Lewalan Street 19/10/2246 10/10/2346 11/261 11 ABN: 50 005 085 521

Melbourne G 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254

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1174208 02 8245 0300 Order No.: Report #: Phone: Fax:

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Dec 19, 2024 5:42 PM Jan 8, 2025 10 Day Check the COC for Project manager

**Eurofins Analytical Services Manager: Andrew Black** 

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tals M8
lycyclic Aromatic Hydrocarbons
DLD*
NCELLED*
bestos - WA guidelines
Sample Detail

IDOSO Ovite O	×						8
JBS&G Suite 2							
Eurofins Suite B1	×						8
Moisture Set	×						16
Metals M8	×						8
Polycyclic Aromatic Hydrocarbons	×						8
HOLD*	×	×	×	×	×	×	20
CANCELLED*	×						3
Asbestos - WA guidelines	×						56
		S24-De0059041	S24-De0059042	S24-De0059149	S24-De0059150	S24-De0059152	
		Trip Blank (liquid)	Trip Spike (liquid)	Soil	Soil	Soil	
Sample Detail	Site # 18217						
တိ -	NATA # 1261	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	Dec 18, 2024	
	Sydney Laboratory - NATA # 1261 Site # 18217	110 TRIP BLANK	TRIP SPIKE	TP11_0-0.2	TP09_0-0.2	TP18_0.0-0.3	Test Counts
	Sydn	110	111	112	113	114	Test (

Test Cou