

SAMPLE AND CHAIN OF CUSTODY FORM

TO: ENVIROLAB SERVICES PTY LTD 12 ASHLEY STREET CHATSWOOD NSW 2067 P: (02) 99106200 F: (02) 99106201 Attention: Aileen	EIS Job Number: E30116K Date Results Required: STANDARD Page: 3 OF 5	FROM: ENVIRONMENTAL INVESTIGATION SERVICES REAR OF 115 WICKS ROAD MACQUARIE PARK, NSW 2113 P: 02-9888 5000 F: 02-9888 5001 Attention: ktaylor@jkgroup.net.au
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Location: Goulburn					Sample Preserved in Esky on Ice												
Sampler: K.Taylor					Tests Required												
Date Sampled	Lab Ref:	Sample Number	Sample Container	Sample Description	Asbestos	Lead (mg/kg)	Lead (µg/swab)										
22/08/2017	51	S51	P	Material	X												
22/08/2017	52	S52	P	Material	X												
23/08/2017	53	S53	P	Material	X												
23/08/2017	54	S54	P	Material	X												
23/08/2017	55	S55	P	Material	X												
23/08/2017	56	S56	P	Material	X												
23/08/2017	57	S57	P	Material	X												
23/08/2017	58	S58	P	Material	X												
23/08/2017	59	S59	P	Material	X												
23/08/2017	60	S60	P	Material	X												
23/08/2017	61	S61	P	Material	X												
23/08/2017	62	S62	P	Material	X												
23/08/2017	63	S63	P	Material	X												
23/08/2017	64	S64	P	Material	X												
23/08/2017	65	S65	P	Material	X												
23/08/2017	66	S66	P	Material	X												
23/08/2017	67	S67	P	Material	X												
23/08/2017	68	S68	P	Material	X												
23/08/2017	69	S69	P	Material	X												
23/08/2017	70	S70	P	Material	X												
23/08/2017	71	S71	P	Material	X												
23/08/2017	72	S72	P	Material	X												
23/08/2017	73	S73	P	Material	X												
23/08/2017	74	S74	P	Material	X												
23/08/2017	75	S75	P	Material	X												

Remarks (comments/detection limits required): PLEASE REPORT LEAD IN PAINT AS mg/kg					Sample Containers: G - 250mg Glass Jar A - Ziplock Asbestos Bag P - Plastic Bag				
Relinquished By:			Date:		Time:		Received By: MT ELS		Date: 24/8/17

SAMPLE AND CHAIN OF CUSTODY FORM

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Location:		Goulburn			Sample Preserved in Esky on Ice												
Sampler:		K.Taylor			Tests Required												
Date Sampled	Lab Ref:	Sample Number	Sample Container	Sample Description	Asbestos	Lead (mg/kg)	Lead (µg/swab)										
23/08/2017	76	S76	P	Material	X												
23/08/2017	77	S77	P	Material	X												
23/08/2017	78	S78	P	Material	X												
23/08/2017	79	S79	P	Material	X												
23/08/2017	80	S80	P	Material	X												
23/08/2017	81	S81	P	Material	X												
23/08/2017	82	S82	P	Material	X												
23/08/2017	83	S83	P	Material	X												
23/08/2017	84	S84	P	Material	X												
24/08/2017	85	S85	P	Material	X												
24/08/2017	86	S86	P	Material	X												
24/08/2017	87	S87	P	Material	X												
24/08/2017	88	S88	P	Material	X												
24/08/2017	89	S89	P	Material	X												
21/08/2017	90	LP01	P	Paint chip		X											
21/08/2017	91	LP02	P	Paint chip		X											
21/08/2017	92	LP03	P	Paint chip		X											
21/08/2017	93	LP04	P	Paint chip		X											
22/08/2017	94	LP05	P	Paint chip		X											
22/08/2017	95	LP06	P	Paint chip		X											
22/08/2017	96	LP07	P	Paint chip		X											
22/08/2017	97	LP08	P	Paint chip		X											
22/08/2017	98	LP09	P	Paint chip		X											
22/08/2017	99	LP10	P	Paint chip		X											
22/08/2017	100	LP11	P	Paint chip		X											

Remarks (comments/detection limits required): PLEASE REPORT LEAD IN PAINT AS mg/kg		Sample Containers: G - 250mg Glass Jar A - Ziplock Asbestos Bag P - Plastic Bag	
Relinquished By:	Date:	Time:	Received By: MT EIS
			Date: 24/8/17 16:20

SAMPLE AND CHAIN OF CUSTODY FORM

TO: ENVIROLAB SERVICES PTY LTD 12 ASHLEY STREET CHATSWOOD NSW 2067 P: (02) 99106200 F: (02) 99106201 Attention: Aileen	EIS Job Number: E30116K Date Results Required: STANDARD Page: 5 OF 5	FROM: ENVIRONMENTAL INVESTIGATION SERVICES REAR OF 115 WICKS ROAD MACQUARIE PARK, NSW 2113 P: 02-9888 5000 F: 02-9888 5001 Attention: ktaylor@ikgroup.net.au
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Location:		Sample Preserved in Esky on Ice									
Sampler:		Tests Required									
Date Sampled	Lab Ref:	Sample Number	Sample Container	Sample Description	Asbestos	Lead (mg/kg)	Lead (µg/swab)				
23/08/2017	101	LP12	P	Paint chip		X					
23/08/2017	102	LP13	P	Paint chip		X					
23/08/2017	103	LP14	P	Paint chip		X					
21/08/2017	104	LD01	P	Swab			X				
21/08/2017	105	LD02	P	Swab			X				
21/08/2017	106	LD03	P	Swab			X				
21/08/2017	107	LD04	P	Swab			X				
22/08/2017	108	LD05	P	Swab			X				
22/08/2017	109	LD06	P	Swab			X				
22/08/2017	110	LD07	P	Swab			X				
22/08/2017	111	LD08	P	Swab			X				
22/08/2017	112	LD09	P	Swab			X				
22/08/2017	113	LD10	P	Swab			X				
22/08/2017	114	LD11	P	Swab			X				
23/08/2017	115	LD12	P	Swab			X				
23/08/2017	116	LD13	P	Swab			X				
23/08/2017	117	LD14	P	Swab			X				
	118	LD15 (extra)									

Remarks (comments/detection limits required): PLEASE REPORT LEAD IN PAINT AS mg/kg		Sample Containers: G - 250mg Glass Jar A - Ziplock Asbestos Bag P - Plastic Bag	
Relinquished By:	Date:	Time:	Received By: MT ELS Date: 24/8/17 16:20



CERTIFICATE OF ANALYSIS 174172

Client Details

Client	Environmental Investigation Services
Attention	Katrina Taylor
Address	PO Box 976, North Ryde BC, NSW, 1670

Sample Details

Your Reference	E30116K, Goulburn
Number of Samples	89 material, 14 paint, 15 swab
Date samples received	24/08/2017
Date completed instructions received	24/08/2017

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	31/08/2017
Date of Issue	19/09/2017
Reissue Details	This report replaces R00 created on 31/08/2017 due to: sample ID error
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Asbestos Approved By

Analysed by Asbestos Approved Identifier: Paul Ching
Authorised by Asbestos Approved Signatory: Lulu Scott

Results Approved By

Kasjan P, Senior Chemist
Long Pham, Team Leader, Metals
Lulu Scott, Asbestos Supervisor

Authorised By

David Springer, General Manager

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-1	174172-2	174172-3	174172-4	174172-5
Your Reference	UNITS	S101	S102	S103	S104	S105
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	21/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	20x13x5mm	80x37x7mm	30x20x3mm	22x17x4mm	52x31x5mm
Sample Description	-	Peach fibre cement material	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected

Asbestos ID - materials						
Our Reference		174172-6	174172-7	174172-8	174172-9	174172-10
Your Reference	UNITS	S106	S107	S108	S109	S110
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	21/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	40x25x5mm	20x15x3mm	103x22x2mm	15x13x3mm	5x5x1mm
Sample Description	-	Beige hardened mastic material	Beige fibre cement material	Grey flexi vinyl tile	Beige fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected	No asbestos detected Organic fibres detected	No asbestos detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-11	174172-12	174172-13	174172-14	174172-15
Your Reference	UNITS	S111	S112	S113	S114	S115
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	21/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	20x17x3mm	24x6x5mm	15x15x5mm	40x15x5mm	7x4x2mm
Sample Description	-	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material	Beige fibrous insulation material	Black bituminous material
Asbestos ID in materials	-	Chrysotile asbestos detected Organic fibres detected	Chrysotile asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Amosite asbestos detected	Chrysotile asbestos detected

Asbestos ID - materials						
Our Reference		174172-16	174172-17	174172-18	174172-19	174172-20
Your Reference	UNITS	S116	S117	S118	S119	S120
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	21/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	20x7x4mm	330x40x6mm	10x8x2mm	22x15x5mm	26x15x5mm
Sample Description	-	Grey fibre cement material	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected

Asbestos ID - materials						
Our Reference		174172-21	174172-22	174172-23	174172-24	174172-25
Your Reference	UNITS	S121	S122	S123	S124	S125
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	21/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	28x11x3mm	30x15x5mm	15x10x3mm	60x8x5mm	25x15x4mm
Sample Description	-	Grey fibre cement material	Beige fibre cement material	Beige fibre cement material	Beige hardened mastic material	Beige fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected	No asbestos detected Organic fibres detected

Asbestos ID - materials						
Our Reference		174172-26	174172-27	174172-28	174172-29	174172-30
Your Reference	UNITS	S126	S127	S128	S129	S130
Date Sampled		21/08/2017	21/08/2017	21/08/2017	22/08/2017	22/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	75x50x2mm	10x5x2mm	18x13x5mm	25x15x3mm	15x12x5mm
Sample Description	-	Beige flexi vinyl tile	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected Synthetic mineral fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-31	174172-32	174172-33	174172-34	174172-35
Your Reference	UNITS	S131	S132	S133	S134	S135
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	50x24x2mm	25x10x4mm	102x38x3mm	65x28x1mm	50x28x2mm
Sample Description	-	Brown/White flexi vinyl tile	Grey fibre cement material	Red brittle vinyl tile	Grey flexi vinyl sheet	Orange flexi vinyl tile
Asbestos ID in materials	-	No asbestos detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected Organic fibres detected	No asbestos detected	No asbestos detected

Asbestos ID - materials						
Our Reference		174172-36	174172-37	174172-38	174172-39	174172-40
Your Reference	UNITS	S136	S137	S138	S139	S140
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	15x10x5mm	35x20x4mm	10x5x2xmm	15x8x2mm	30x20x5mm
Sample Description	-	Grey fibre cement material	Beige fibre cement material	Grey resinous material	Beige fibre cement material	Beige hardened mastic material
Asbestos ID in materials	-	Chrysotile asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	No asbestos detected

Asbestos ID - materials						
Our Reference		174172-41	174172-42	174172-43	174172-44	174172-45
Your Reference	UNITS	S141	S142	S143	S144	S145
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	40x15x3mm	30x15x5mm	95x75x5mm	35x18x5mm	6x5x1mm
Sample Description	-	Grey fibre cement material	Grey fibre cement material	Grey fibre cement material	Grey fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected Organic fibres detected	Chrysotile asbestos detected	Chrysotile asbestos detected Crocidolite asbestos detected	Chrysotile asbestos detected Organic fibres detected	Chrysotile asbestos detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-46	174172-47	174172-48	174172-49	174172-50
Your Reference	UNITS	S146	S147	S148	S149	S150
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	20x15x3mm	5x4x1mm	40x25x2mm	10x5x2mm	70x55x5mm
Sample Description	-	Grey fibre cement material	Beige fibre cement material	Mustard flexi vinyl tile	Beige fibre cement material	Beige fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected	No asbestos detected Organic fibres detected	No asbestos detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected

Asbestos ID - materials						
Our Reference		174172-51	174172-52	174172-53	174172-54	174172-55
Your Reference	UNITS	S151	S152	S153	S154	S155
Date Sampled		22/08/2017	22/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	15x15x1mm	24x15x5mm	20x17x5mm	20x14x5mm	10x10x3mm
Sample Description	-	Green/White powdery material	Beige fibre cement material	Peach fibre cement material	Black bituminous material	Black rubbery mastic material
Asbestos ID in materials	-	No asbestos detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Organic fibres detected	No asbestos detected	No asbestos detected Organic fibres detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-56	174172-57	174172-58	174172-59	174172-60
Your Reference	UNITS	S156	S157	S158	S159	S160
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	10x8x3mm	20x10x3mm	30x13x5mm	20x20x3mm	22x10x5mm
Sample Description	-	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected	No asbestos detected	No asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected
		Organic fibres detected	Organic fibres detected	Organic fibres detected	Organic fibres detected	Amosite asbestos detected
						Crocidolite asbestos detected

Asbestos ID - materials						
Our Reference		174172-61	174172-62	174172-63	174172-64	174172-65
Your Reference	UNITS	S161	S162	S163	S164	S165
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	30x25x5mm	35x25x5mm	28x10x5mm	20x18x4mm	40x15x5mm
Sample Description	-	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material	Beige fibre cement material	Beige fibre cement material
Asbestos ID in materials	-	No asbestos detected	No asbestos detected	Chrysotile asbestos detected	No asbestos detected	No asbestos detected
		Organic fibres detected	Organic fibres detected	Amosite asbestos detected	Organic fibres detected	Organic fibres detected

Asbestos ID - materials						
Our Reference		174172-66	174172-67	174172-68	174172-69	174172-70
Your Reference	UNITS	S166	S167	S168	S169	S170
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	35x20x5mm	110x110x<1mm	35x20x5mm	20x15x4mm	45x30x5mm
Sample Description	-	Beige fibre cement material	Black rubbery gasket	Beige fibre cement material	Grey fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected	No asbestos detected	No asbestos detected	Chrysotile asbestos detected	Chrysotile asbestos detected
		Organic fibres detected		Organic fibres detected	Organic fibres detected	Amosite asbestos detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-71	174172-72	174172-73	174172-74	174172-75
Your Reference	UNITS	S171	S172	S173	S174	S175
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	60x30x5mm	40x30x3mm	30x20x4mm	25x25x5mm	15x10x5mm
Sample Description	-	Beige fibre cement material	Brown vitreous fibrous insulation	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material
Asbestos ID in materials	-	No asbestos detected Organic fibres detected	No asbestos detected Synthetic mineral fibres detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected

Asbestos ID - materials						
Our Reference		174172-76	174172-77	174172-78	174172-79	174172-80
Your Reference	UNITS	S176	S177	S178	S179	S180
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	20x12x4mm	25x10x3mm	145x65x4mm	20x18x5mm	13x10x5mm
Sample Description	-	Beige fibre cement material	Beige fibre cement material	Grey fibre cement material	Grey fibre cement material	Beige fibre cement material
Asbestos ID in materials	-	No asbestos detected Organic fibres detected	Chrysotile asbestos detected Organic fibres detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected	No asbestos detected Organic fibres detected

Client Reference: E30116K, Goulburn

Asbestos ID - materials						
Our Reference		174172-81	174172-82	174172-83	174172-84	174172-85
Your Reference	UNITS	S181	S182	S183	S184	S185
Date Sampled		23/08/2017	23/08/2017	23/08/2017	23/08/2017	24/08/2017
Type of sample		material	material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	40x20x5mm	20x20x4mm	8x3x1mm	80x40x2mm	30x25x2mm
Sample Description	-	Grey quartz coating material	Brown fibrous matted material	Brown bituminous material	Brown fibrous matted material	Beige fibrous sheet
Asbestos ID in materials	-	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected	Chrysotile asbestos detected	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected

Asbestos ID - materials					
Our Reference		174172-86	174172-87	174172-88	174172-89
Your Reference	UNITS	S186	S187	S188	S189
Date Sampled		24/08/2017	24/08/2017	24/08/2017	24/08/2017
Type of sample		material	material	material	material
Date analysed	-	30/08/2017	30/08/2017	30/08/2017	30/08/2017
Mass / Dimension of Sample	-	30x12x4mm	170x7x1mm	32x20x5mm	30x25x3mm
Sample Description	-	Grey fibre cement material	Grey fibrous sheet	Grey fibre cement material	Beige fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected	No asbestos detected Synthetic mineral fibres detected	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected	No asbestos detected Organic fibres detected

Lead in Paint						
Our Reference		174172-90	174172-91	174172-92	174172-93	174172-94
Your Reference	UNITS	LP101	LP102	LP103	LP104	LP105
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	22/08/2017
Type of sample		paint	paint	paint	paint	paint
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in paint	%w/w	1.9	0.3	0.2	0.3	0.2

Lead in Paint						
Our Reference		174172-95	174172-96	174172-97	174172-98	174172-99
Your Reference	UNITS	LP106	LP107	LP108	LP109	LP110
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		paint	paint	paint	paint	paint
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in paint	%w/w	15	<0.05	9.2	<0.05	<0.05

Lead in Paint					
Our Reference		174172-100	174172-101	174172-102	174172-103
Your Reference	UNITS	LP111	LP112	LP113	LP114
Date Sampled		22/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		paint	paint	paint	paint
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in paint	%w/w	<0.05	0.2	3.9	2.7

Client Reference: E30116K, Goulburn

Lead in swab						
Our Reference		174172-104	174172-105	174172-106	174172-107	174172-108
Your Reference	UNITS	LD101	LD102	LD103	LD104	LD105
Date Sampled		21/08/2017	21/08/2017	21/08/2017	21/08/2017	22/08/2017
Type of sample		swab	swab	swab	swab	swab
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in Swabs	µg/swab	7	55	54	20	19

Lead in swab						
Our Reference		174172-109	174172-110	174172-111	174172-112	174172-113
Your Reference	UNITS	LD106	LD107	LD108	LD109	LD110
Date Sampled		22/08/2017	22/08/2017	22/08/2017	22/08/2017	22/08/2017
Type of sample		swab	swab	swab	swab	swab
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in Swabs	µg/swab	320	46	55	1,700	15

Lead in swab						
Our Reference		174172-114	174172-115	174172-116	174172-117	174172-118
Your Reference	UNITS	LD111	LD112	LD113	LD114	LD115
Date Sampled		22/08/2017	23/08/2017	23/08/2017	23/08/2017	23/08/2017
Type of sample		swab	swab	swab	swab	swab
Date prepared	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Date analysed	-	25/08/2017	25/08/2017	25/08/2017	25/08/2017	25/08/2017
Lead in Swabs	µg/swab	440	88	14	52	2

Method ID	Methodology Summary
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
Metals-004	Digestion of Paint chips/scrapings/liquids for Metals determination by ICP-AES/MS and or CV/AAS.
Metals-005	Digestion of Dust wipes/swabs and /or miscellaneous samples for Metals determination by ICP-AES/MS and/or CV-AAS

Client Reference: E30116K, Goulburn

QUALITY CONTROL: Lead in Paint						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			25/08/2017	93	25/08/2017	25/08/2017		25/08/2017	[NT]
Date analysed	-			25/08/2017	93	25/08/2017	25/08/2017		25/08/2017	[NT]
Lead in paint	%w/w	0.05	Metals-004	<0.05	93	0.3	0.3	0	104	[NT]

QUALITY CONTROL: Lead in Paint						Duplicate		Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Date prepared	-			[NT]	103	25/08/2017	25/08/2017		[NT]	[NT]
Date analysed	-			[NT]	103	25/08/2017	25/08/2017		[NT]	[NT]
Lead in paint	%w/w	0.05	Metals-004	[NT]	103	2.7	3.5	26	[NT]	[NT]

Client Reference: E30116K, Goulburn

QUALITY CONTROL: Lead in swab					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			25/08/2017	[NT]	[NT]	[NT]	[NT]	25/08/2017	[NT]
Date analysed	-			25/08/2017	[NT]	[NT]	[NT]	[NT]	25/08/2017	[NT]
Lead in Swabs	µg/swab	1	Metals-005	<1	[NT]	[NT]	[NT]	[NT]	101	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
<p>Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.</p>	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.