

## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 5/02/2024. Lab Job No. R0211.

**Exposure Period: 08/01/2024 - 05/02/2024**

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>T</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0010-D1</b>	R0211/1	leaves, fine org. matter	150	28	2.390	1.4	46	0.1	1.3	2.2	3.6
<b>S24-0010-D2</b>	R0211/2	fine org. matter	150	28	2.200	0.5	16	0.1	0.4	2.7	3.1
<b>S24-0010-D3</b>	R0211/3	fine org. matter, cloudy	150	28	2.000	4.3	144	1.2	3.1	10.0	14.3

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 9/02/2024.



## RESULTS OF DUST JAR ANALYSIS

3 samples supplied by Lismore City Council on 5/03/2024. Lab Job No. R1393.

Exposure Period: 05/02/24 - 04/03/24

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SSt)		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0027-D1</b>	R1393/1	fine org. matter	150	28	1.870	0.2	8	0.2	0.1	1.4	1.6
<b>S24-0027-D2</b>	R1393/2	fine org. matter, cloudy, yellow	150	28	2.080	0.4	14	0.0	0.4	2.7	3.2
<b>S24-0027-D3</b>	R1393/3	beetle, fine org. matter, cloudy, yellow	150	28	1.880	3.2	106	1.1	2.1	8.9	12.1

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 8/03/2024.



## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 3/04/2024. Lab Job No. R2548.

**Exposure Period: 04/03/2024 - 02/04/2024**

Samples submitted by Riccardo Martinez. Your Job: PO 84432.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>T</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0046-D1</b>	R2548/1	org. matter	150	29	2.500	0.5	15	0.0	0.4	2.1	2.6
<b>S24-0046-D2</b>	R2548/2	seeds, fine org. matter	150	29	2.600	0.5	18	0.0	0.5	2.6	3.2
<b>S24-0046-D3</b>	R2548/3	bugs, insects, fine org. matter, cloudy	150	29	2.150	2.3	76	0.6	1.6	3.2	5.5

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 4/04/2024.



## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 29/04/2024. Lab Job No. R3535.

**Exposure Period: 02/04/24 - 29/04/24**

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112-Air Sampling Blakebrook FY23/2.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>T</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0065-D1</b>	R3535/1	seeds, fine org. matter	150	27	4.500	0.0	2	0.0	0.0	2.1	2.2
<b>S24-0065-D2</b>	R3535/2	algae, sediment, fine org. matter, cloudy, yellow	150	27	4.500	1.7	55	1.7	0.0	8.2	9.9
<b>S24-0065-D3</b>	R3535/3	algae, bugs, fine org. matter, cloudy	150	27	3.820	0.2	8	0.2	0.0	9.1	9.3

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 2/05/2024.



## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 28/05/2024. Lab Job No. R4753.

**Exposure Period: 29/04/2024 - 27/05/2024**

Samples submitted by Riccardo Martinez. Your Job: PO 84432.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>T</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0093-D1</b>	<i>R4753/1</i>	fine org. matter	150	28	1.850	0.5	16	0.1	0.3	1.4	1.8
<b>S24-0093-D2</b>	<i>R4753/2</i>	fine org. matter	150	28	1.950	0.5	18	0.1	0.4	1.4	1.9
<b>S24-0093-D3</b>	<i>R4753/3</i>	fine org. matter, cloudy, yellow	150	28	1.590	3.5	116	1.1	2.4	7.6	11.1

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 31/05/2024.



## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 26/06/2024. Lab Job No. R5889.

**Exposure Period: 27/05/24 - 24/06/24**

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112-Air Sampling Blakebrook FY23/2.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>t</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0111-D1</b>	R5889/1	fine org. matter	150	28	0.270	0.0	2	0.0	0.0	0.3	0.3
<b>S24-0111-D2</b>	R5889/2	fine org. matter, cloudy, yellow	150	28	0.300	1.0	34	0.5	0.5	1.4	2.4
<b>S24-0111-D3</b>	R5889/3	leaves, twigs, bugs, fine org. matter, cloudy, yellow	150	28	0.185	2.1	70	0.8	1.3	3.4	5.5

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 28/06/2024.



## RESULTS OF DUST JAR ANALYSIS

3 samples supplied by Lismore City Council on 23/07/2024. Lab Job No. R6839.

**Exposure Period 24/06/2024 - 22/07/2024**

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS <sub>T</sub> )		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0136-D1</b>	<i>R6839/1</i>	fine org. matter	150	28	1.600	0.8	25	0.1	0.6	1.2	1.9
<b>S24-0136-D2</b>	<i>R6839/2</i>	sediment, fine org. matter, cloudy, yellow	150	28	1.550	4.9	163	0.4	4.5	10.8	15.7
<b>S24-0136-D3</b>	<i>R6839/3</i>	fine org. matter	150	28	1.000	1.1	35	0.2	0.9	1.0	2.0

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 25/07/2024.



## RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 22/08/2024. Lab Job No. R7939.

**Exposure Period: 22/07/2024 - 20/08/2024**

Samples submitted by Riccardo Martinez. Your Job: PO 110859-Q24/70 Air Sampling - Blakebrook Quarry .

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SSt)		Ash ** (g/m <sup>2</sup> /month)	Combustible Matter ** (g/m <sup>2</sup> /month)	Soluble Matter ** (g/m <sup>2</sup> /month)	Total Solids ** (g/m <sup>2</sup> /month)
						(g/m <sup>2</sup> /month)	(mg/m <sup>2</sup> /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<b>S24-0163-D1</b>	R7939/1	Org. Matter	150	29	2.450	1.84	61.4	1.46	0.382	0.641	2.48
<b>S24-0163-D2</b>	R7939/2	Fine Org. matter, cloudy	150	29	2.200	0.612	20.4	0.064	0.547	0.565	1.18
<b>S24-0163-D3</b>	R7939/3	Fine. Org matter, insects, bugs	150	29	2.200	0.547	18.2	0.483	0.064	1.26	1.81

### METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- \*\* NATA accreditation does not cover the performance of this service.
- This report was issued on 26/08/2024.



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