

## RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 16th January, 2018 - Lab Job No. G6539

Exposure Period 18/12/17 - 15/1/18

Analysis requested by Riccardo Martinez.

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>S18-0010,D1</b>	G6539/1	..	150	28	3.400	1.2	41	0.4	0.8	2.0	3.2
<b>S18-0010,D2</b>	G6539/2	..	150	28	2.600	0.5	18	0.1	0.4	2.7	3.2
<b>S18-0010,D3</b>	G6539/3	yellowish	150	28	2.200	1.2	39	0.7	0.5	4.3	5.5

### METHODS REFERENCE

*a*. Australian Standard AS 3580.10.1.8.2.2-1991(1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



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Graham Lancaster  
Laboratory Manager

# RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 14th February, 2018 - Lab Job No. G7411  
 Exposure Period 15/01/18 - 12/02/18

Analysis requested by Ricardo Martinez.

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 (mg/m <sup>2</sup> /day)		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)
						Total Suspended Solids (TSS)	Particulate Matter (PM10)				
S18-0044 D1	G7411/1	brown/org. matter	150	28	1.000	4.0	1.33	1.5	2.5	2.0	6.0
S18-0044 D2	G7411/2	cloudy/org. matter	150	28	0.800	1.6	0.53	0.7	0.8	2.6	4.2
S18-0044 D3	G7411/3	cloudy/org. matter	150	28	0.720	3.4	1.15	1.1	2.3	3.5	7.0
<i>Method Reference</i>											
<i>a</i>											
<b>Deposit rate of:</b>											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (1 mm pre-sieving then using Whatman 42 Ashless filter)

## NOTES

1. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



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 Graham Lancaster  
 Laboratory Manager

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# RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 14th March, 2018 - Lab Job No. G8364  
 Exposure Period 12/02/18 - 12/03/18

Analysis requested by Riccardo Martinez.

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 (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)				
S18-0082, D1	G8364/1	insects/org. matter	150	28	3.510	2.4	79	1.5	0.9	2.5	4.9
S18-0082, D2	G8364/2	cloudy/org. matter	150	28	3.270	6.7	223	1.1	5.6	4.1	10.8
S18-0082, D3	G8364/3	cloudy/org. matter	150	28	3.190	7.5	249	1.4	6.1	11.1	18.6
<i>Method Reference</i>											
<i>a</i>											
<i>a</i>											
<i>a</i>											
<i>a</i>											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (1 mm pre-sieving then using Whatman 42 Ashless filter)

## NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.

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 Graham Lancaster  
 Laboratory Manager



# RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 11th April, 2018 - Lab Job No. G9246  
 Exposure Period 12/3/18 - 9/4/18

Analysis requested by Riccardo Martinez.

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 (g/m <sup>2</sup> /month)		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)
						Total Suspended Solids (TSS) (mg/m <sup>2</sup> /day)					
S18-0104.D1	G9246/1	..	150	28	1.420	0.9	31	0.1	0.8	1.6	2.5
S18-0104.D2	G9246/2	..	150	28	1.500	0.5	18	0.0	0.5	1.7	2.2
S18-0104.D3	G9246/3	green/org. matter	150	28	1.490	4.8	159	0.8	4.0	12.4	17.2
<i>Method Reference</i>											
<i>a</i>											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (1 mm pre-sieving then using Whatman 42 Ashless filter)

## NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



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 Laboratory Manager

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## RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 8th May, 2018 - Lab Job No. H0066

Exposure Period 9/4/18 - 7/5/18

Analysis requested by Riccardo Martinez

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>S18-0142,D1</b>	H0066/1	leaves/some org. matter	150	28	0.670	0.5	16	0.3	0.2	1.0	1.5
<b>S18-0142,D2</b>	H0066/2	..	150	28	0.690	0.4	14	0.3	0.1	1.1	1.5
<b>S18-0142,D3</b>	H0066/3	cloudy	150	28	0.660	1.5	51	0.5	1.0	1.4	3.0

### METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991(1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



## RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 5th June, 2018 - Lab Job No. H1100

Exposure Period 7/5/18 - 4/6/18

Analysis requested by Riccardo Martinez.

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>S18-0177.D1</b>	H1100/1	Organic matter	150	28	0.22	0.6	21	0.5	0.2	0.7	1.3
<b>S18-0177.D2</b>	H1100/2	Brown/ organic matter	150	28	0.15	0.8	27	0.3	0.5	0.0	0.8
<b>S18-0177.D3</b>	H1100/3	Cloudy/ organic matter	150	28	0.15	0.3	12	0.1	0.2	0.3	0.6

### METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991(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.



## RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 3rd July, 2018 - Lab Job No. H2000

Exposure Period 04/06/18 - 02/07/18

Analysis requested by Riccardo Martinez.

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>S18-233, D1</b>	H2000/1	org. matter	150	28	0.57	2.1	69	1.1	0.9	0.0	2.1
<b>S18-233, D2</b>	H2000/2	..	150	28	0.41	0.6	18	0.1	0.5	0.0	0.6
<b>S18-233, D3</b>	H2000/3	yellowish/org. matter	150	28	0.40	4.3	144	1.0	3.3	2.1	6.4

### METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991(1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



# RESULTS OF DUST MONITORING (Page 1 of 1)

3 dust samples supplied by Lismore City Council on the 1st August, 2018 - Lab Job No. H2732  
 Exposure Period 27/18 - 30/7/18  
 Analysis requested by Ricardo Martinez.  
 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		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)
						Total Suspended Solids (Sst) (mg/m <sup>2</sup> /day)	(g/m <sup>2</sup> /month)				
S18-0286, D1	H2732/1	Organic matter	150	28	0.280	0.4	15	0.3	0.2	1.9	2.4
S18-0286, D2	H2732/2	Cloudy / organic matter	150	28	0.070	2.5	84	1.6	1.0	3.1	5.6
S18-0286, D3	H2732/3	Cloudy / organic matter	150	28	0.080	2.5	83	1.3	1.2	2.5	5.0
Method Reference											
a											
Deposit rate of:											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (1mm pre-sieving then using Whatman 42 Ashless filter)

## NOTES

1. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.

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 Laboratory Manager



## RESULTS OF DUST MONITORING (Page 1 of 1)

3 samples supplied by Lismore City Council on 28th August, 2018. Lab Job No.H3528

Exposure Period 30/07/18 - 27/08/18

Samples submitted by Riccardo Martinez. Your Job: PO 0132

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>S18-0319 D1</b>	<i>H3528/1</i>	org. matter	150	28	0.130	0.7	25	0.6	0.2	0.5	1.2
<b>S18-0319 D2</b>	<i>H3528/2</i>	org. matter/cloudy	150	28	0.430	0.3	10	0.0	0.3	0.6	1.0
<b>S18-0319 D3</b>	<i>H3528/3</i>	org. matter/cloudy	150	28	0.370	1.7	57	1.3	0.4	1.6	3.3

### METHODS REFERENCE

a . Australian Standard AS 3580.10.1.8.2.2-1991(1mm pre-sieving then using Whatman 42 Ashless filter)

### NOTES

1. .. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.



# RESULTS OF DUST MONITORING (Page 1 of 1)

3 samples supplied by Lismore City Council on 24th September, 2018. Lab Job No.H4290

Exposure Period: 27/08/18 - 24/09/18

Samples submitted by Riccardo Martinez. Your Job: 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		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)
						Total Suspended Solids (SSt) (mg/m <sup>2</sup> /day)	(g/m <sup>2</sup> /month)				
S18-0348, D1	H4290/1	leaf/org. matter/yellow	150	28	0.670	0.5	18	0.2	0.3	1.3	1.8
S18-0348, D2	H4290/2	cloudy/org. matter	150	28	0.530	1.0	33	0.6	0.4	1.1	2.1
S18-0348, D3	H4290/3	cloudy/org. matter	150	28	0.580	2.2	74	1.1	1.1	2.0	4.2
Method Reference											
a											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991(1mm pre-sieving then using Whatman 42 Ashless filter)

## NOTES

1. No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
10. All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions.

These Terms and Conditions are available on the EAL website: scu.edu.au/eal, or on request.

Environmental Analysis Laboratory, Southern Cross University,  
Tel. 02 6620 3678, website: scu.edu.au/eal

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Graham Lancaster  
Laboratory Manager



# RESULTS OF DUST MONITORING (Page 1 of 1)

3 samples supplied by Lismore City Council on 22nd October, 2018. Lab Job No. H5103

Exposure Period: 24/09/18 - 22/10/18

Samples submitted by Ricardo Martinez. Your Job: PO 07108

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		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)				
S18-0367, D1	H5103/1	org. matter	150	28	4.500	1.6	52	0.8	0.8	3.4	4.9
S18-0367, D2	H5103/2	yellowish/org. matter	150	28	3.100	5.4	180	1.3	4.1	11.0	16.4
S18-0367, D3	H5103/3	org. matter	150	28	2.950	1.0	34	0.1	0.9	2.8	3.8
<i>Method Reference</i>											
<i>a</i>											

## METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1.991 (1 mm 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)

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Tel. 02 6620 3678, website: scu.edu.au/eal

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Graham Lancaster  
Laboratory Manager



## RESULTS OF DUST MONITORING (Page 1 of 1)

3 samples supplied by Lismore City Council on 20th November, 2018. Lab Job No. H6052

Exposure Period: 22/10/18 - 19/11/18

Samples submitted by Riccardo Martinez. Your Job: PO 07123

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>S18-0402,D1</b>	H6052/1	cloudy/org. matter/bugs	150	28	0.470	2.2	73	1.3	0.9	0.4	2.6
<b>S18-0402,D2</b>	H6052/2	cloudy/org. matter	150	28	0.490	8.2	275	2.7	5.5	6.6	14.8
<b>S18-0402,D3</b>	H6052/3	org. matter	150	28	0.230	0.6	22	0.2	0.5	2.1	2.8

### METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (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 OF DUST MONITORING (Page 1 of 1)

3 samples supplied by Lismore City Council on 18th December, 2018. Lab Job No. H7050

Exposure Period: 19/1/18 - 17/2/18. Your Project: Blakebrook Quarry

Samples submitted by Ricardo Martinez. Your Job: PO 07138

PO Box 23a USMORRE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		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)				
S18-0429, D1	H7050/1	brown, org. matter	150	28	0.190	1.0	0.4	0.6	1.0	0.4	1.4
S18-0429, D2	H7050/2	brown, org. matter	150	28	0.033	2.1	0.6	1.6	1.6	1.5	3.6
S18-0429, D3	H7050/3	brown, org. matter	150	28	0.020	1.4	0.4	1.0	1.0	0.9	2.3
<i>Method Reference</i>											
<i>a</i>											

### METHODS REFERENCE

a. Australian Standard AS 3580.10.1.8.2.2-1991 (1 mm 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).

Environmental Analysis Laboratory, Southern Cross University,  
Tel. 02 6620 3678, website: scu.edu.au/eal

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Graham Lancaster  
Laboratory Manager

