



**Boral Construction Materials
Materials Technical Services**

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TEST REPORT

CLIENT: P.F. Formation - Maroota
PROJECT: Gravimetric Dust Monitoring at Maroota for September 2023

FILE No.: 250 / 23

REQUEST No.: 108239

TEST PROCEDURE:

AS 3580.10.1 – Methods for Sampling and Analysis of Ambient Air
Method 10.1 – Determination of Particulate Matter, Deposited Matter – Gravimetric Method

Laboratory Sample Number:	291723	291724	291725
Site Location Number:	1	2	3
Sample Description:	Dust, Maroota Public School	Dust, Hitchcock Road	Dust, Jurd's House
Sampling Period:	1/9/23- 9:15am to 28/9/23- 7:45am	1/9/23- 11:35am to 28/9/23- 8:35am	1/9/23- 9:35am to 28/9/23- 8:15am
Date Received:	29/9/23		
Date Tested:	From 29/9/23 to 6/10/23		

TEST RESULTS:

Uncertainty – 95%
Confidence @ Factor 2


Volume of Liquid in the Gauge (mL):	750	600	600	
Total Solids (g/m ² month):	3.08	4.79	2.56	± 0.06
Insoluble Solids (g/m ² month):	2.99	3.14	2.13	± 0.04
Soluble Matter (g/m ² month):	0.09	1.65	0.43	
Ash (g/m ² month):	0.82	0.68	1.92	± 0.03
Combustible Matter (g/m ² month):	2.17	2.46	0.21	

Notes:

- Samples were provided by the Client and tested as received.
- Refer to attached graphs.
- The samples were not within the specified collection time period indicated by the test method. Calculations are based on 27 days exposure.

Joshua Graham, Mat.File, File.



Approved Signatory  Nanthini Selvadurai
Date 31-10-23 Serial No. CHEM108239 NS.1

Accredited for compliance with ISO/IEC 17025 - Testing
This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory
Test results in this Test Report relate only to the samples tested

NATA Accredited Laboratory

Number: 9968

CLIENT: P.F. Formation - Maroota
PROJECT: Gravimetric Dust Monitoring at Maroota for September 2023

FILE No.: 250 / 23
REQUEST No.: 108239

Laboratory Sample Number:	291726	291727
Site Location Number:	4	5
Sample Description:	Dust, Josh's House (Lot 2 DP 510812)	Dust, Maroota Lodge
Sampling Period:	1/9/23-9:25am to 28/9/23-7:55am	1/9/23-11:00am to 28/9/23-8:05am
Date Received:	29/9/23	
Date Tested:	From 29/9/23 to 6/10/23	

TEST RESULTS:

Uncertainty – 95%
Confidence @ Factor 2

Volume of Liquid in the Gauge (mL):	750	750	
Total Solids (g/m ² month):	2.89	1.86	± 0.06
Insoluble Solids (g/m ² month):	2.40	1.46	± 0.04
Soluble Matter (g/m ² month):	0.49	0.40	
Ash (g/m ² month):	0.49	0.55	± 0.03
Combustible Matter (g/m ² month):	1.91	0.90	

Notes:

- Samples were provided by the Client and tested as received.
- Refer to attached graphs.
- The samples were not within the specified collection time period indicated by the test method. Calculations are based on 27 days exposure.

Joshua Graham, Mat.File, File.

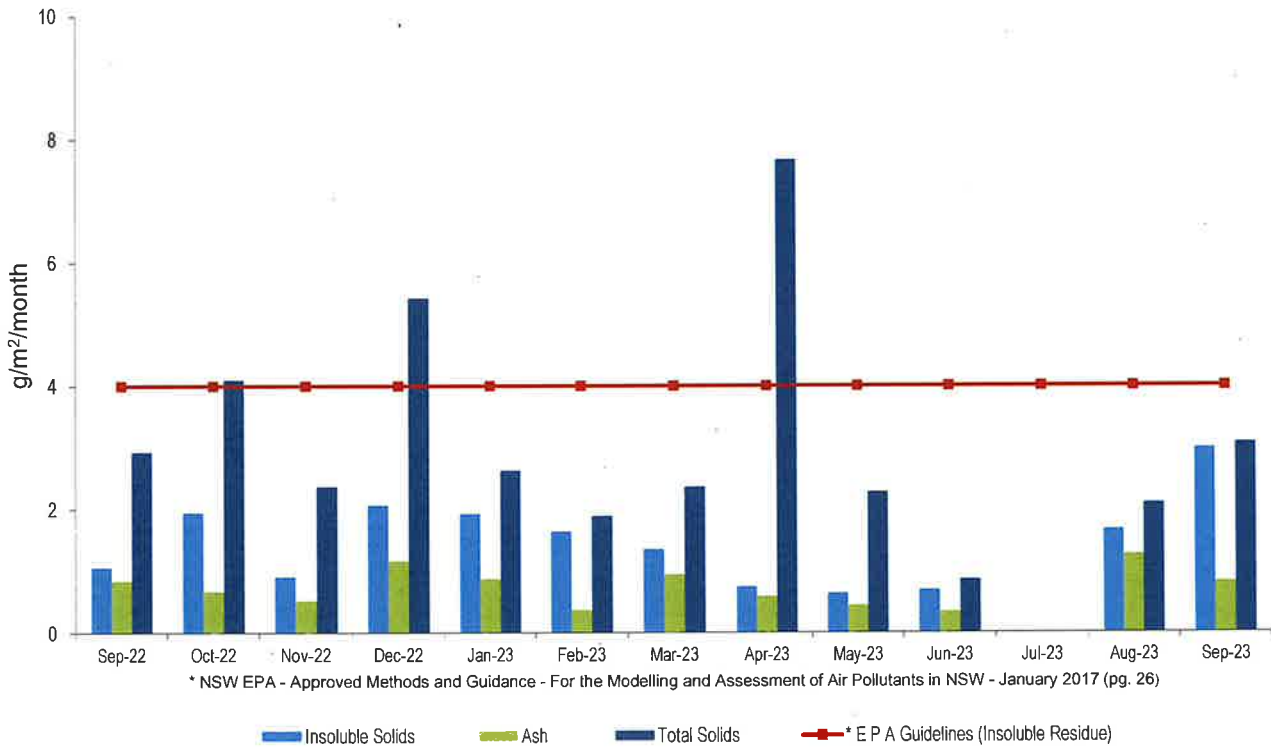


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Dust Monitoring

P.F. Formation - Maroota
Maroota Public School
Site 1

Month	Insoluble Solids	Ash	* E P A Guidelines (Insoluble Residue)	Total Solids
Sep-22	1.06	0.84	4	2.93
Oct-22	1.95	0.67	4	4.10
Nov-22	0.91	0.52	4	2.37
Dec-22	2.07	1.16	4	5.42
Jan-23	1.93	0.87	4	2.63
Feb-23	1.64	0.36	4	1.89
Mar-23	1.35	0.94	4	2.36
Apr-23	0.74	0.59	4	7.67
May-23	0.64	0.44	4	2.28
Jun-23	0.69	0.34	4	0.86
Jul-23	0.00	0.00	4	0.00
Aug-23	1.67	1.27	4	2.10
Sep-23	2.99	0.82	4	3.08



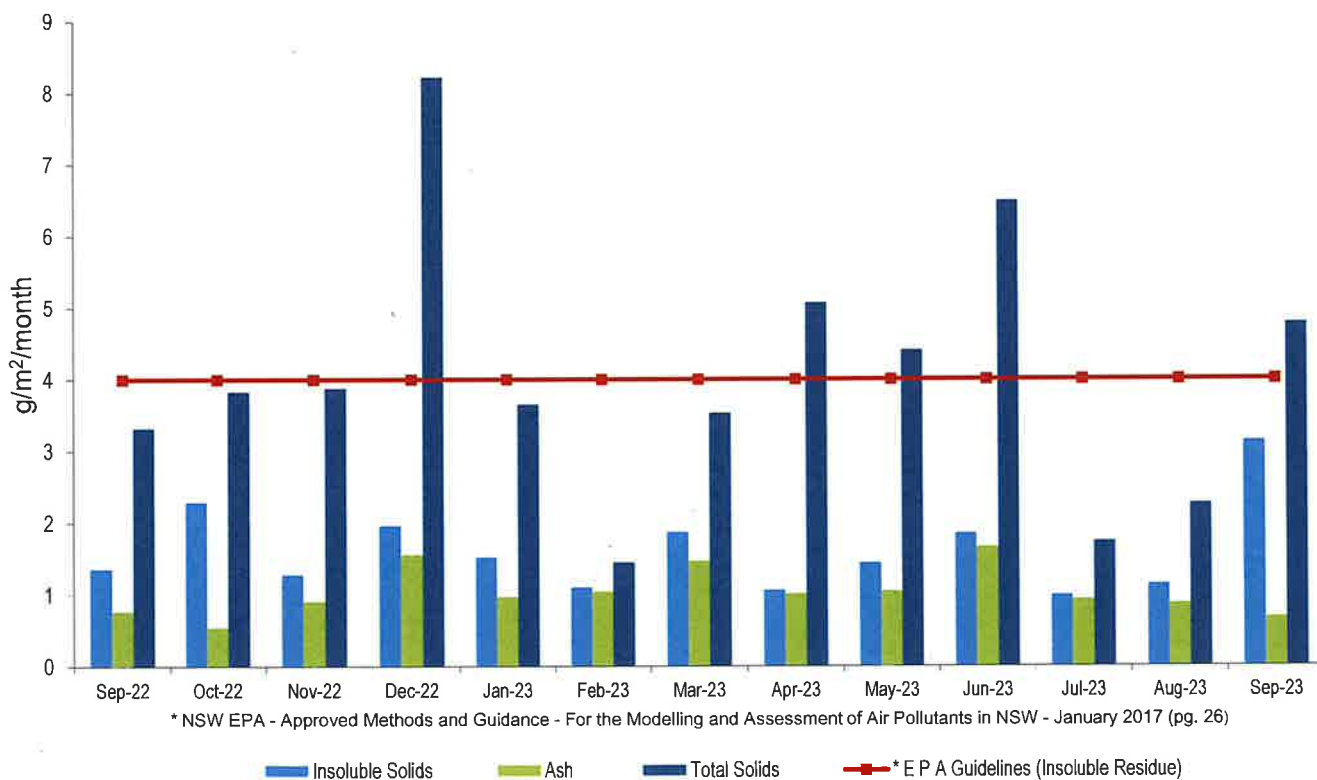


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Dust Monitoring

**P.F. Formation - Maroota
Hitchcock Road
Site 2**

Month	Insoluble Solids	Ash	* E P A Guidelines (Insoluble Residue)	Total Solids
Sep-22	1.36	0.77	4	3.32
Oct-22	2.29	0.54	4	3.83
Nov-22	1.28	0.91	4	3.88
Dec-22	1.96	1.56	4	8.22
Jan-23	1.52	0.97	4	3.65
Feb-23	1.10	1.04	4	1.45
Mar-23	1.87	1.47	4	3.53
Apr-23	1.06	1.01	4	5.07
May-23	1.44	1.05	4	4.41
Jun-23	1.85	1.66	4	6.49
Jul-23	0.99	0.93	4	1.74
Aug-23	1.14	0.87	4	2.27
Sep-23	3.14	0.68	4	4.79



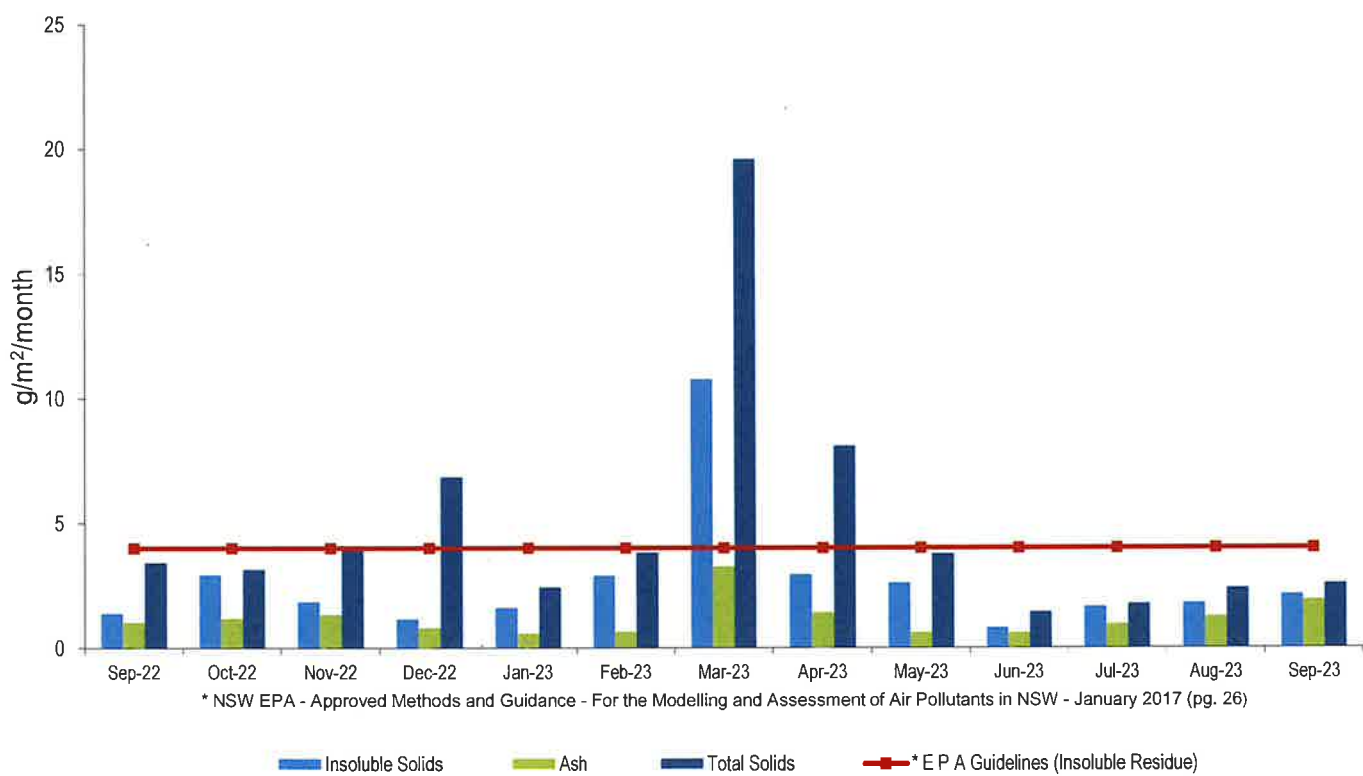


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Dust Monitoring

P.F. Formation - Maroota
Jurd's House
Site 3

Month	Insoluble Solids	Ash	* E P A Guidelines (Insoluble Residue)	Total Solids
Sep-22	1.38	1.03	4	3.42
Oct-22	2.93	1.18	4	3.14
Nov-22	1.85	1.34	4	3.94
Dec-22	1.16	0.81	4	6.84
Jan-23	1.60	0.58	4	2.43
Feb-23	2.88	0.65	4	3.81
Mar-23	10.77	3.26	4	19.6
Apr-23	2.94	1.41	4	8.10
May-23	2.60	0.60	4	3.76
Jun-23	0.79	0.60	4	1.43
Jul-23	1.65	0.95	4	1.77
Aug-23	1.79	1.24	4	2.39
Sep-23	2.13	1.92	4	2.56



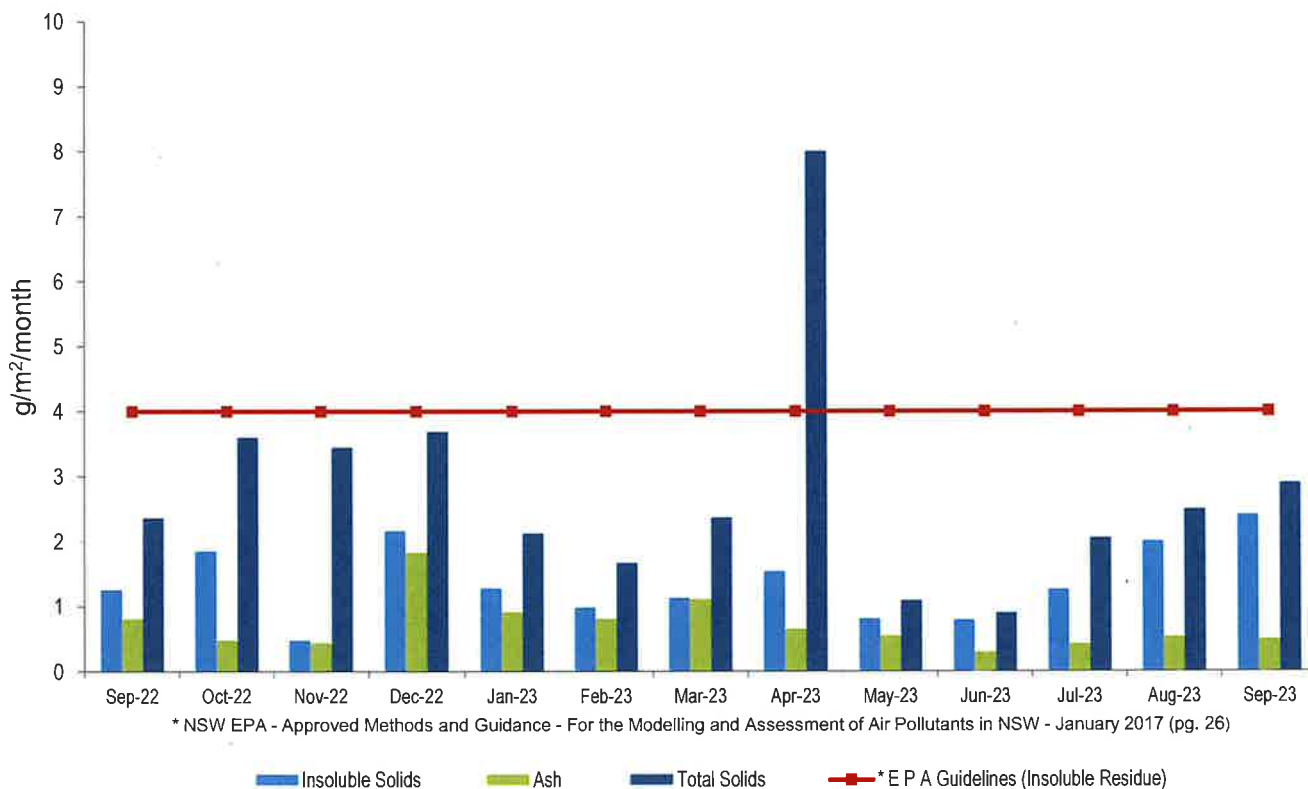


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Dust Monitoring

P.F. Formation - Maroota
Josh's House (Lot 2 DP 510812)
Site 4

Month	Insoluble Solids	Ash	* E P A Guidelines (Insoluble Residue)	Total Solids
Sep-22	1.26	0.81	4	2.36
Oct-22	1.85	0.48	4	3.60
Nov-22	0.48	0.44	4	3.45
Dec-22	2.16	1.83	4	3.69
Jan-23	1.28	0.91	4	2.12
Feb-23	0.98	0.81	4	1.67
Mar-23	1.13	1.11	4	2.37
Apr-23	1.54	0.65	4	8
May-23	0.81	0.55	4	1.09
Jun-23	0.79	0.30	4	0.90
Jul-23	1.26	0.42	4	2.05
Aug-23	2.00	0.53	4	2.49
Sep-23	2.40	0.49	4	2.89





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Dust Monitoring

P.F. Formation - Maroota
Maroota Lodge
Site 5

Month	Insoluble Solids	Ash	* E P A Guidelines (Insoluble Residue)	Total Solids
Sep-22	0.60	0.46	4	2.76
Oct-22	1.61	0.45	4	3.01
Nov-22	0.54	0.48	4	2.21
Dec-22	0.71	0.64	4	4.76
Jan-23	1.00	0.53	4	1.52
Feb-23	0.52	0.50	4	0.74
Mar-23	0.52	1.21	4	2.27
Apr-23	2.04	1.2	4	10.47
May-23	0.53	0.39	4	0.84
Jun-23	0.71	0.29	4	0.74
Jul-23	0.78	0.31	4	1.08
Aug-23	1.54	0.83	4	1.60
Sep-23	1.46	0.55	4	1.86

