



**Boral Construction Materials
Materials Technical Services**

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TEST REPORT

FILE No.: 250 / 22
REQUEST No.: 100566

CLIENT: P.F. Formation - Maroota
PROJECT: Gravimetric Dust Monitoring at Maroota for June 2022

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:	269945	269946	269947	269948	269949
Site Location Number:	1	2	3	4	5
Sample Description:			Dust		
Sampling Period:	From	1/06/2022		to	1/07/2022
Date Received:			5/07/2022		
Date Tested:	From	5/07/2022		to	18/07/2022

TEST RESULTS:

Insoluble Solids (g/m ² month):	0.36	1.14	2.08	0.11	0.31	Uncertainty - 95% Confidence @ Factor 2
Ash (g/m ² month):	0.15	0.29	0.47	0.08	0.25	
Combustible Matter (g/m ² month):	0.21	0.85	1.62	0.03	0.06	± 0.03
Soluble Matter (g/m ² month):	0.02	0.58	0.40	0.09	0.12	
Total Solids (g/m ² month):	0.37	1.71	2.48	0.20	0.43	± 0.07
Volume of Liquid in the Gauge (mL):	200	200	200	200	200	

Notes:

- Samples were provided by the Client and tested as received.
- Refer to attached graphs.

Joshua Graham, Mat.File, File.



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

Approved Signatory *Udhan* S.Krishnamoorthy

Date 25.7.22 Serial No. CHEM100566.SK.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

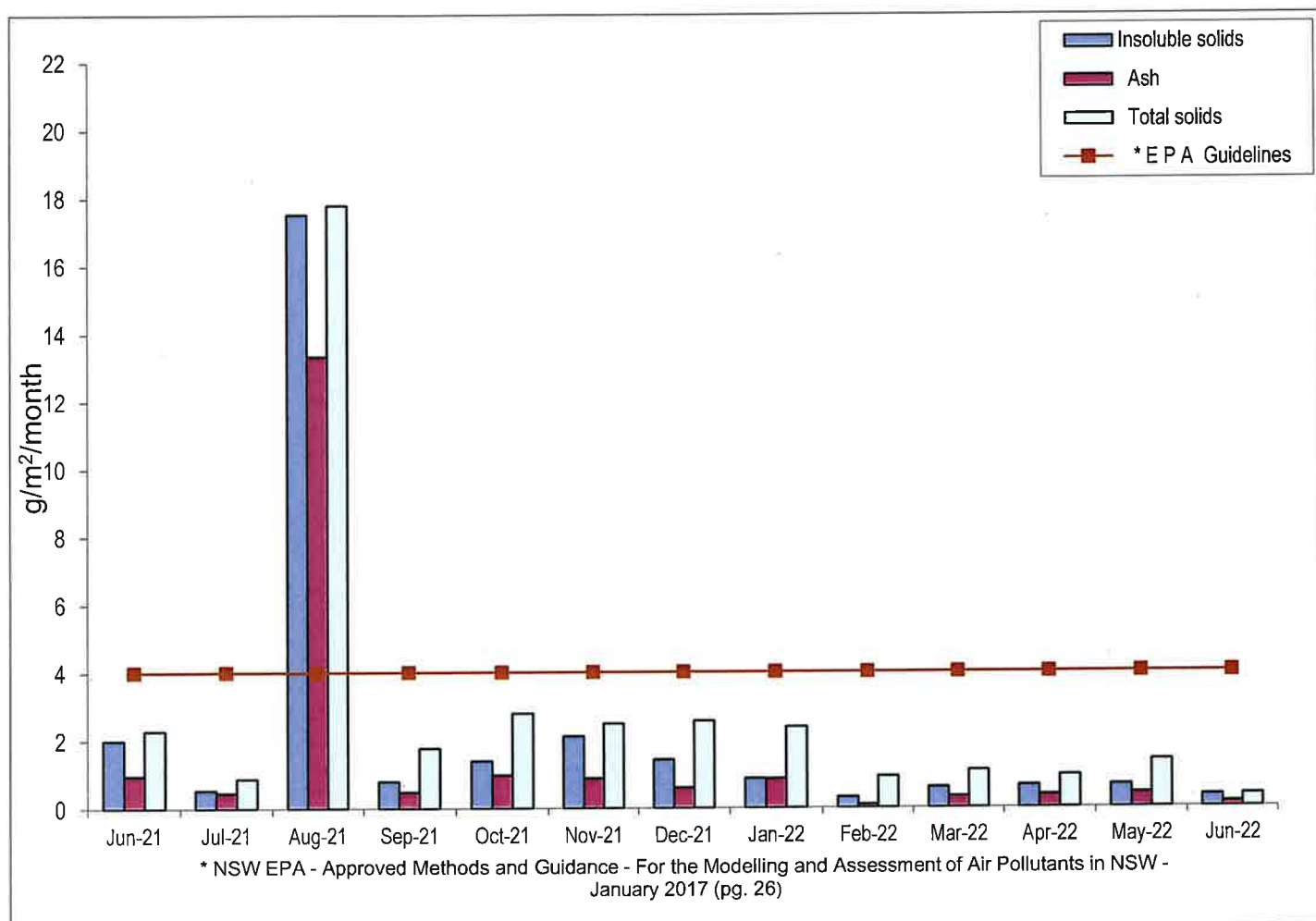


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Dust Monitoring

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

	Insoluble solids	Ash	* E P A Guidelines	Total solids
Jun-21	2.00	0.96	4	2.28
Jul-21	0.54	0.46	4	0.87
Aug-21	17.52	13.33	4	17.79
Sep-21	0.79	0.49	4	1.77
Oct-21	1.40	0.98	4	2.79
Nov-21	2.12	0.88	4	2.49
Dec-21	1.43	0.60	4	2.57
Jan-22	0.87	0.86	4	2.38
Feb-22	0.31	0.09	4	0.92
Mar-22	0.60	0.33	4	1.10
Apr-22	0.65	0.37	4	0.95
May-22	0.67	0.43	4	1.40
Jun-22	0.36	0.15	4	0.37



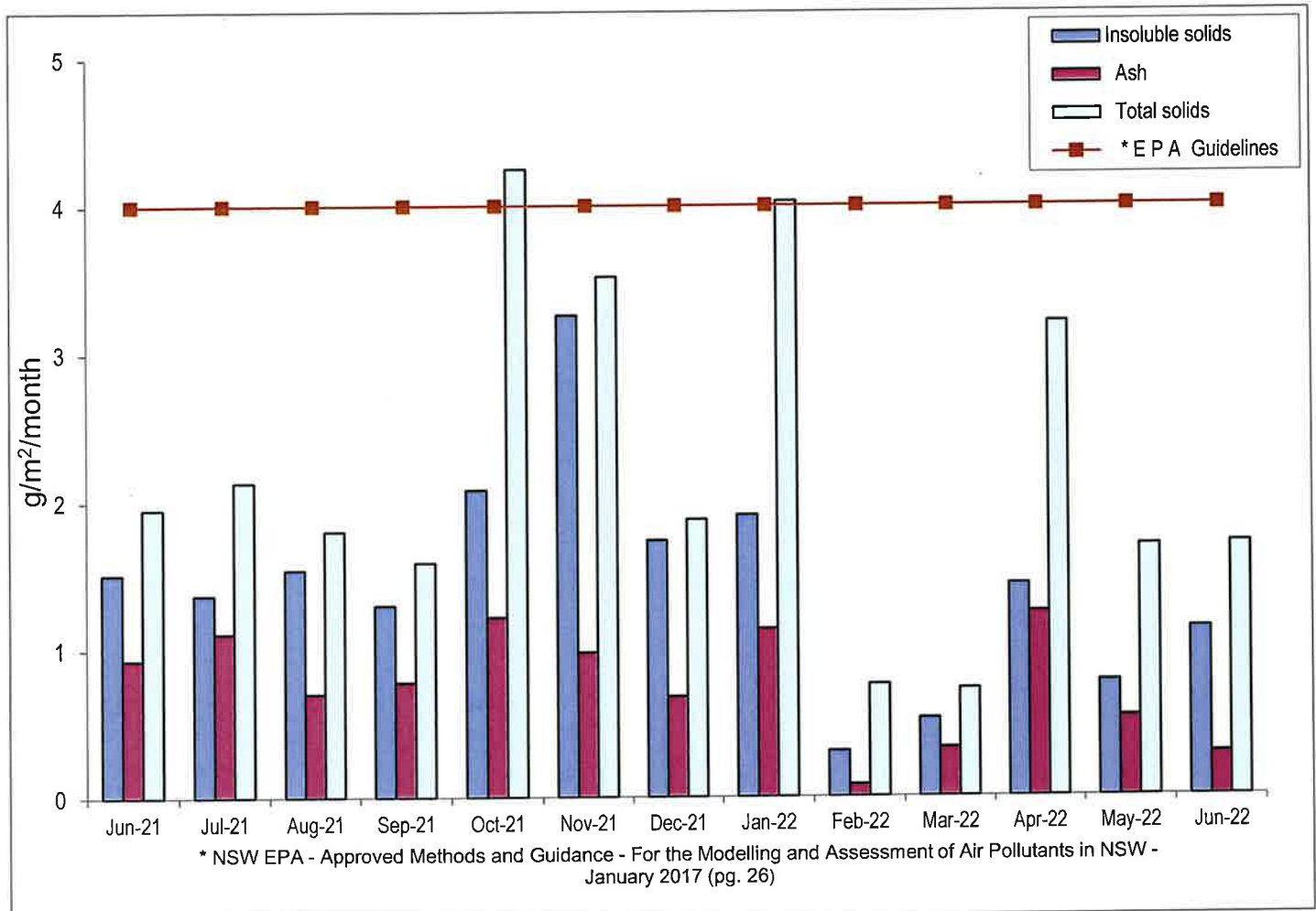


Dust Monitoring

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P.F. Formation - Maroota Site 2
Hitchcock Road

	Insoluble solids	Ash	* E P A Guidelines	Total solids
Jun-21	1.51	0.93	4	1.95
Jul-21	1.37	1.11	4	2.13
Aug-21	1.54	0.70	4	1.80
Sep-21	1.30	0.78	4	1.59
Oct-21	2.08	1.22	4	4.25
Nov-21	3.26	0.98	4	3.52
Dec-21	1.74	0.68	4	1.88
Jan-22	1.91	1.14	4	4.03
Feb-22	0.31	0.08	4	0.76
Mar-22	0.53	0.33	4	0.73
Apr-22	1.44	1.25	4	3.21
May-22	0.78	0.54	4	1.70
Jun-22	1.14	0.29	4	1.71



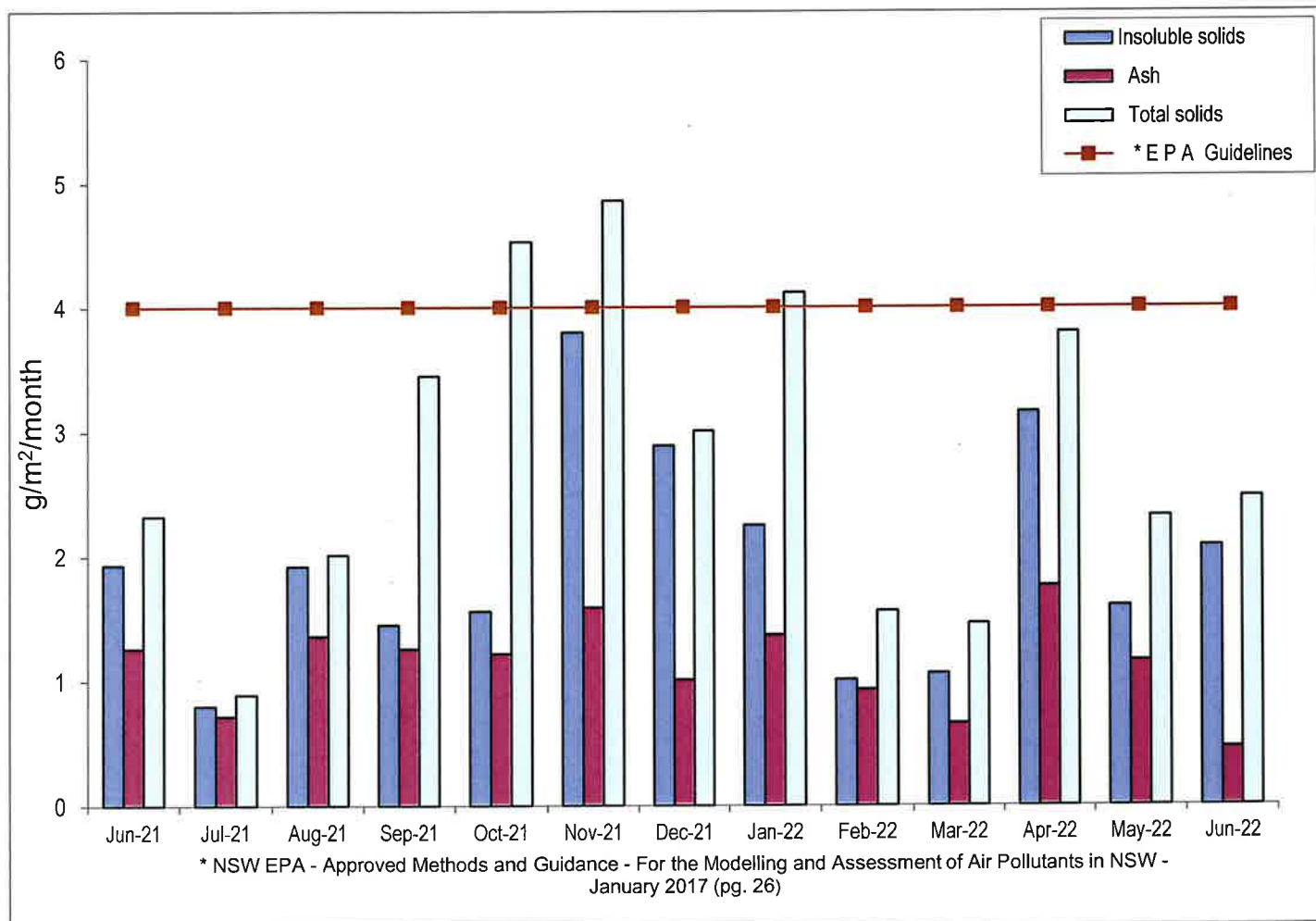


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Dust Monitoring

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

	Insoluble solids	Ash	* E P A Guidelines	Total solids
Jun-21	1.93	1.26	4	2.32
Jul-21	0.80	0.72	4	0.89
Aug-21	1.92	1.36	4	2.01
Sep-21	1.45	1.26	4	3.45
Oct-21	1.56	1.22	4	4.53
Nov-21	3.80	1.59	4	4.86
Dec-21	2.89	1.01	4	3.01
Jan-22	2.25	1.37	4	4.12
Feb-22	1.01	0.93	4	1.56
Mar-22	1.06	0.66	4	1.46
Apr-22	3.16	1.76	4	3.80
May-22	1.60	1.16	4	2.32
Jun-22	2.08	0.47	4	2.48



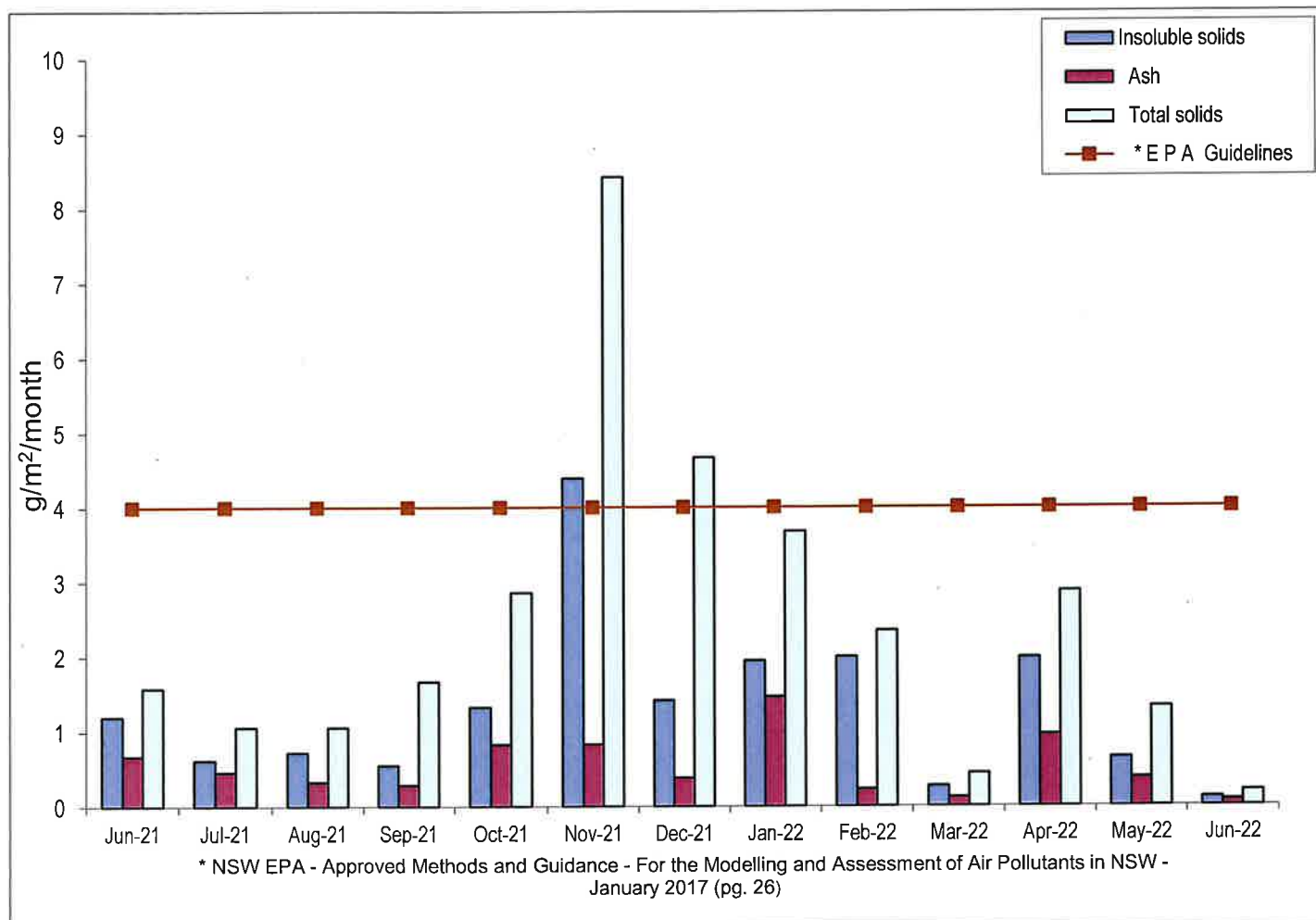


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Dust Monitoring

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

	Insoluble solids	Ash	* E P A Guidelines	Total solids
Jun-21	1.20	0.67	4	1.58
Jul-21	0.62	0.46	4	1.06
Aug-21	0.72	0.33	4	1.06
Sep-21	0.55	0.29	4	1.67
Oct-21	1.33	0.83	4	2.86
Nov-21	4.39	0.83	4	8.42
Dec-21	1.42	0.38	4	4.67
Jan-22	1.95	1.47	4	3.68
Feb-22	2.00	0.23	4	2.35
Mar-22	0.27	0.12	4	0.44
Apr-22	1.99	0.96	4	2.88
May-22	0.65	0.38	4	1.33
Jun-22	0.11	0.08	4	0.20





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P.F. Formation - Maroota Site 5
Maroota Lodge

	Insoluble solids	Ash	* E P A Guidelines	Total solids
Jun-21	1.20	0.67	4	1.58
Jul-21	0.65	0.53	4	0.67
Aug-21	0.74	0.52	4	1.19
Sep-21	0.45	0.34	4	1.45
Oct-21	1.53	1.14	4	2.49
Nov-21	1.99	0.63	4	2.52
Dec-21	0.84	0.32	4	1.23
Jan-22	0.72	0.63	4	2.33
Feb-22	2.34	0.39	4	2.63
Mar-22	0.32	0.18	4	0.67
Apr-22	1.02	0.30	4	1.12
May-22	0.65	0.53	4	1.32
Jun-22	0.31	0.25	4	0.43

