DUST MONITORING REPORT (JANUARY TO MARCH 2026)

CONCRUSH FACILITY, TERALBA NSW 2284

Prepared for CONCRUSH PTY LTD

Prepared by RCA AUSTRALIA

RCA ref 13589a-281/0

APRIL 2026

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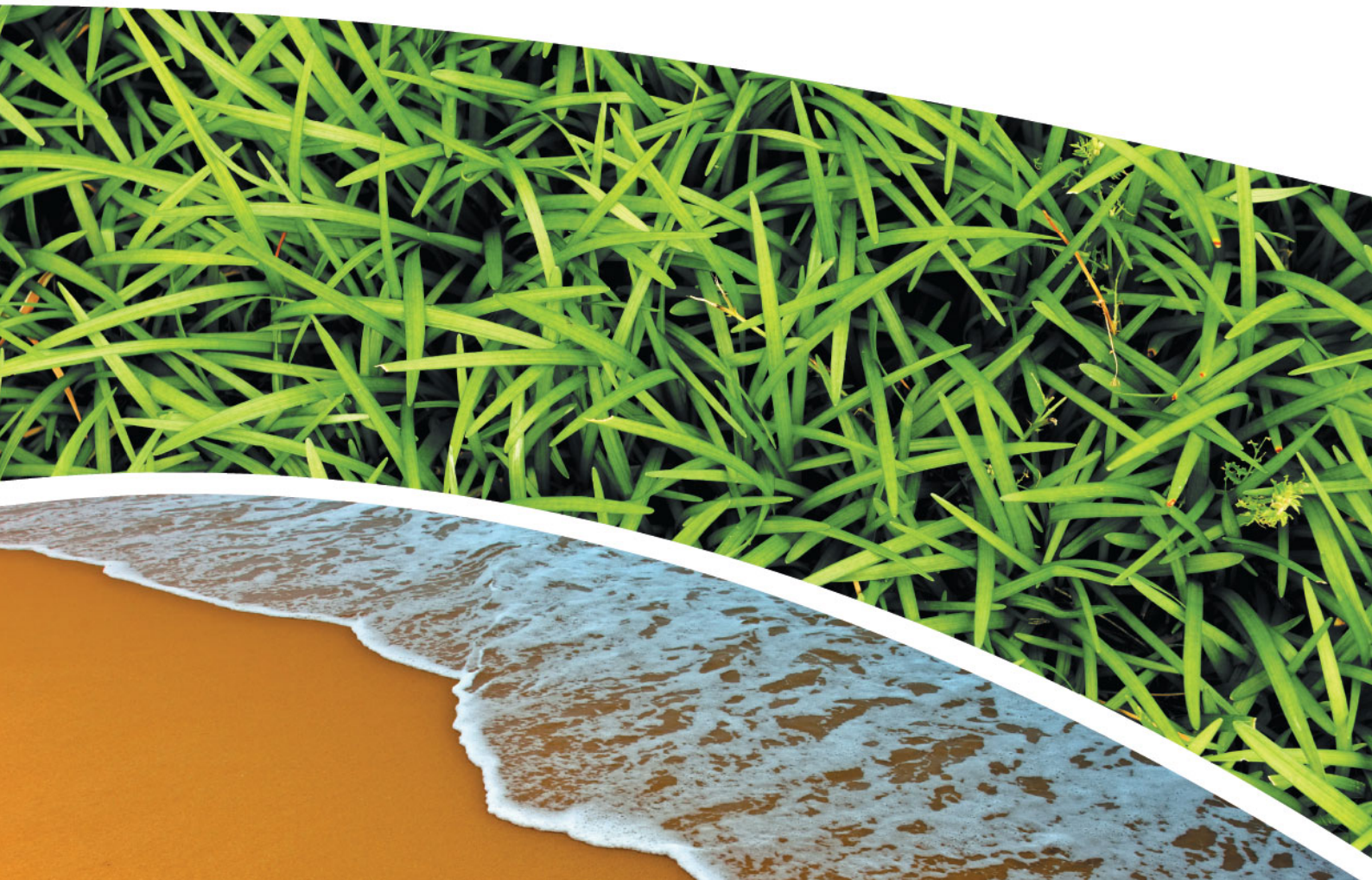

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22 March 2026

Concrush Pty Ltd
21 Racecourse Road
Teralba NSW 2284

Attention: Ross Lo Monaco

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DUST MONITORING REPORT (JANUARY TO MARCH 2025)
CONCRUSH FACILITY, TERALBA

1 INTRODUCTION

This report presents the findings of dust monitoring undertaken at the Concrush resource recovery facility, situated in Teralba, NSW that covers the period between 1st January 2026 and 31st March 2026.

The site was an operational facility over the entirety of the monitored area for the reporting period, other than the period of the 1st to the 5th of January 2026.

The monitoring undertaken has been detailed in an Operational Air Quality Management Plan (OAQMP, Ref [1]).

2 SITE IDENTIFICATION AND DESCRIPTION

The site is described as 21 Racecourse Road, Teralba and part Lot 2, DP 220347. Additional site details are shown in **Table 1** and the site extent is shown in **Figure 1** below.

Table 1 *Site Details*

Current zoning (Ref [2])	E5 – Heavy Industrial.
Current use	Concrush resource recovery facility.
Size of site	Approximately 4.8ha.
Surrounding land use to the: **North**	Lot 1 DP220347. Industrial – storage yard for pre-cast concrete panels operated by others.
South	Part of Lot 2 DP220347. Industrial – scrap metal recycling yard operated by others.
East	Racecourse Road and then Cockle Creek.
West	Main Northern Rail line and then wetlands.
Nearest sensitive receptor (human health)	Residential housing, located approximately 360m southeast across Cockle Creek.
Nearest sensitive receptor (environmental)	Cockle Creek, located approximately 35 m east and wetland approximately 30 m west.

Figure 1 *Project Site Location and Layout (aerial as of 7 February 2025)*

3 MONITORING DETAILS

A total of five (5) monitoring locations are situated on site as shown in **Figure 2** below. At four (4) of these locations (DG1A-DG4A) there are dust depositional bottles situated on stands installed[1] in accordance with the relevant Australian Standard (Ref [3]). An additional dust gauge (DG5A) is situated on the southern portion of the roof of the office adjacent to the weigh station along with the real-time dust monitor.

Figure 2 *Approximate Placement of Dust Deposition Gauges and Real Time Monitor (aerial as of 25 May 2025).*

[1] It is noted that DG3A may be partially obscured by the nearby maintenance building depending on the wind direction and particle size.

3.1 GUIDELINES

The NSW EPA guidelines (Ref [4]) nominate the criteria for depositional dust as detailed in **Table 2** below.

Table 2 *Depositional Dust: Impact Assessment Criteria*

Average Period	Maximum increase in deposited dust level	Maximum total deposited dust level	Sampling Frequency
Annual	2.0 g/m^2 /month	4.0 g/m^2/month	Monthly

The NSW EPA guidelines (Ref [4]) nominate additional criteria:

- Particulate matter less than 2.5 micrometres in diameter (i.e., $PM_{2.5}$) daily average 0.025 mg/m^3, annual average 0.008 mg/m^3.
- Particulate matter less than 10 micrometres in diameter (i.e., PM_{10}) daily average 0.05 mg/m^3, annual average 0.025 mg/m^3.
- Total suspended particles (TSP) annual average 0.09 mg/m^3.

It is noted that there is no relevant Australian Standard for the methodology employed by the real time monitor, nor is the methodology included in the NSW EPA guidelines (Ref [5]); however, concentrations recorded by the real time monitor are considered appropriate for comparative purposes to trigger a review of dust control measures.

The Environmental Impact Statement for the expansion of the Concrush resource recovery facility to incorporate the southern portion of the site, refer **Figure 1**, included air quality monitoring and provided predicted values of $PM_{2.5}$ and PM_{10}. Extracts of the modelled contours are presented in **Figure 3** below noting that the contours are presented in μg/m^3.

Based on the modelled contours, the daily averages at the location of the real time dust monitor have been predicted as:

- $PM_{2.5}$ >0.01 mg/m^3.
- PM_{10} 0.045 mg/m^3.

Figure 3 *Predicted Daily $PM_{2.5}$ (A, top) and PM_{10} (B, bottom) impacts with location of real time dust monitor marked with blue dot. All numbers are in units of $\mu g/m^3$.*

3.2 WEATHER

The real time dust monitor records data with regards to wind direction and speed, air temperature, relative humidity, and air pressure every five (5) minutes.

The monitor was away from site for calibration for the majority of January 2026 and there were intermittent data gaps, for which the reason is unknown however presumed due to power / internet interruption.

A summary of the available results for the monitoring period is presented in **Table 3** and **Figure 4** below.

Table 3 *Weather Summary of Available Data within Monitoring Period*

	Maximum (date and time)	**Minimum (date and time)**
Wind Speed (m/s)	7.371 at 8:40, 2nd February 2026	0 at multiple occasions
Air Temperature (°C)	38.3 at 15:25, 18th February 2026	11.8 between 5:05 and 5:35, and 5:50 31st March 2026
Relative Humidity (%)	98.3 at 7:35 and 7:40, 23rd March 2026	28.6 at 13:40, 5th February 2026
Air Pressure (mBar)	1028.7 at 9:20, 9:55-10:05 and 10:25, 14th March 2026	999.9 at 5:25, 5:40, 5:50-5:55 and 6:35 12th February 2026.

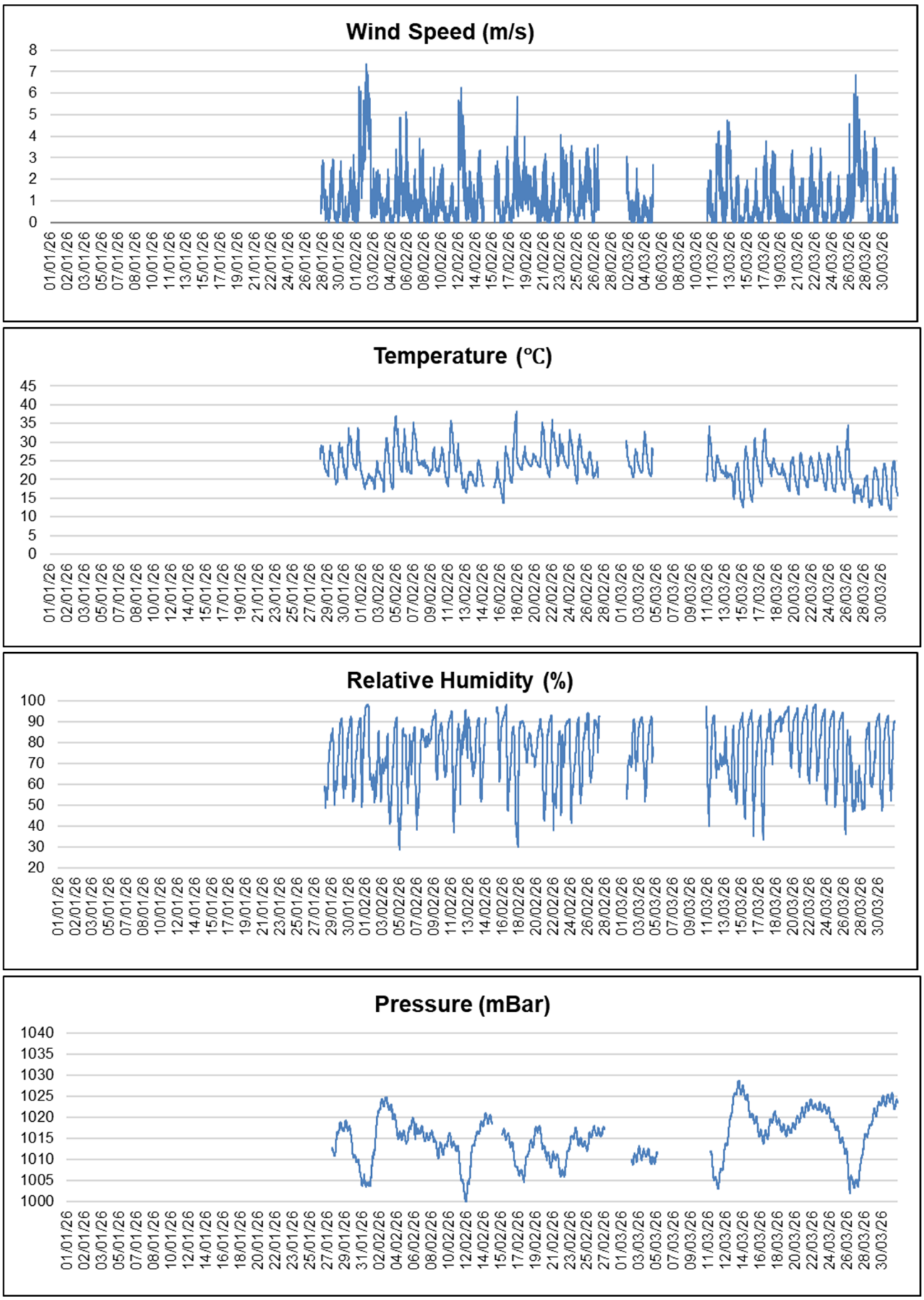


Figure 4 *Weather Summary for Available Data within Monitoring Period*

Noting the absence of data for the majority of January, the wind speed was below the 5 m/s (18 km/h, Ref [1]) threshold for application of dust suppression measures for the majority of the monitoring period, with the exception of 166 five-minute intervals (~13.8 hours):

- Sunday 1st February: seventeen (17) occasions between 12:35 and 17:25.
- Monday 2nd February: 111 occasions between 1:20 and 17:25.
- Friday 6th February: 15:55.
- Thursday 12th February: nineteen (19) occasions between 7:45 and 16:05.
- Wednesday 18th February: three (3) occasions between 15:55 and 17:10.
- Friday 27th March: fifteen (15) occasions between 6:40 and 15:30.

Calm winds occurred for a total of 16.11% of the monitored period in February; during the rest of the time, the wind speeds of between:

- 0.5 to 2.1 m/s were recorded at 60.6% frequency.
- 2.1 to 3.6 m/s were recorded at 7.7% frequency.
- 3.6 to 5.7 m/s were recorded at 5.8% frequency.

The winds were mainly from the southern quarter for February as shown as **Figure 5**. It is noted that the software (WRPLOT View Freeware 8.0.2) requires data to be rounded off to the nearest whole number.

There is insufficient data in January (11%) for the windrose to be generated and while there is 76% of available data for March, the software would not recognise the dataset (potentially as the first few days of March had no data).

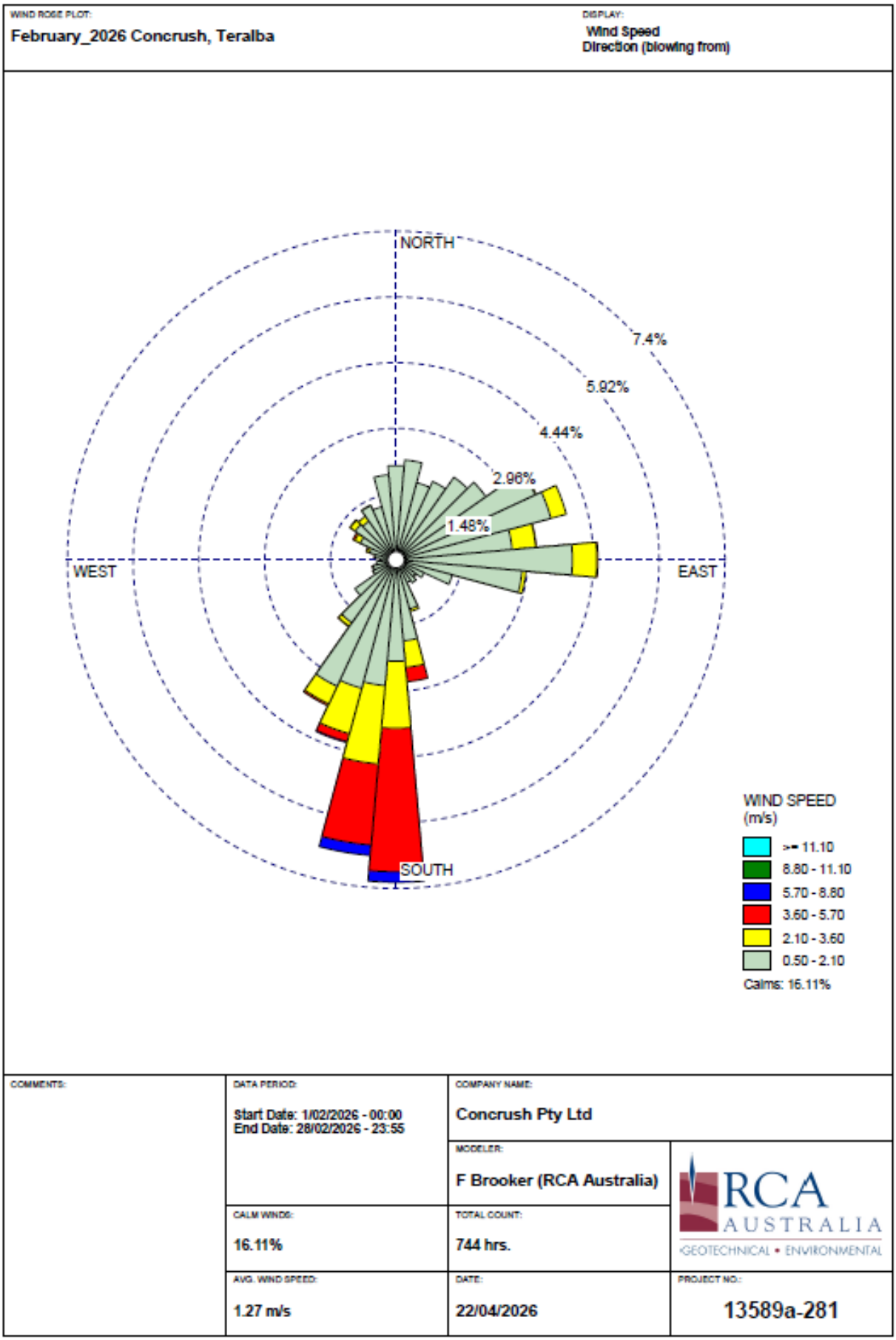


Figure 5 *Wind Rose Plot for February 2026*

4 MONITORING RESULTS

4.1 DEPOSITIONAL DUST GAUGES

Depositional dust bottles were collected on a monthly basis by RCA staff on 22nd January, 23rd February, and 26th March 2026. All gauges and funnels were intact and unbroken. The field sheets are included as **Appendix A**.

The results of the monitoring at each of the locations for this quarter and the twelve (12) month rolling average at the end of the quarter are presented below in **Table 4**.

All results were either less than the previous month or increased by less that the NSW EPA criterion of 2.0 g/m^2/month (refer to **Table 4**).

The 12-month rolling annual average for all five (5) dust gauges are below the annual criterion of 4.0 g/m^2 (Ref [4]) as shown in **Table 4**.

Laboratory report sheets are included in **Appendix B**.

Table 4 *Dust Monitoring Results for Quarter*

	Insoluble Solids (g/m^2)			Ash (g/m^2)			Combustible Matter (g/m^2)			12-Month Rolling Average Insoluble Solids (g/m^2)
	23/12/25 – 22/01/26	22/01/26 – 23/02/26	23/02/26 – 26/03/26	23/12/25 – 22/01/26	22/01/26 – 23/02/26	23/02/26 – 26/03/26	23/12/25 – 22/01/26	22/01/26 – 23/02/26	23/02/26 – 26/03/26	
DG1A (east)	2.1	1.9	3.4	1.3	1.2	1.7	0.8	0.7	1.7	2.7
DG2A (south)	1.4	2.4	3.0	0.9	1.9	2.5	0.5	0.5	0.5	2.1
DG3A (west)	**6.3**	**4.1**	**5.1**	**4.4**	3.0	3.7	1.9	1.1	1.4	3.4
DG4A (north)	**5.6**	2.9	**4.3**	**4.7**	2.3	3.6	0.9	0.6	0.7	2.4
DG5A (roof)	3.2	2.6	3.9	2.3	2.0	2.7	0.9	0.6	1.2	2.6

BOLD identifies where results are in excess of annual average criterion of 4.0 g/m^2/month (Ref [4]) which does not apply to individual monthly results.
Underline identifies where results are greater than the criterion of 2.0 g/m^2/month (Ref [4]) for increase from the previous month.

The majority of detected insoluble solids are related to 'ash' which comprises non-combustible matter and would include the types of particles that may originate from the Concrush site however would also be present in dust from other sources. Some coal dust originating from adjacent sites may also remain in the 'ash' component of the sample. The monthly insoluble solids and ash results are shown for the previous twelve (12) months in **Figure 6** and **Figure 7** below.

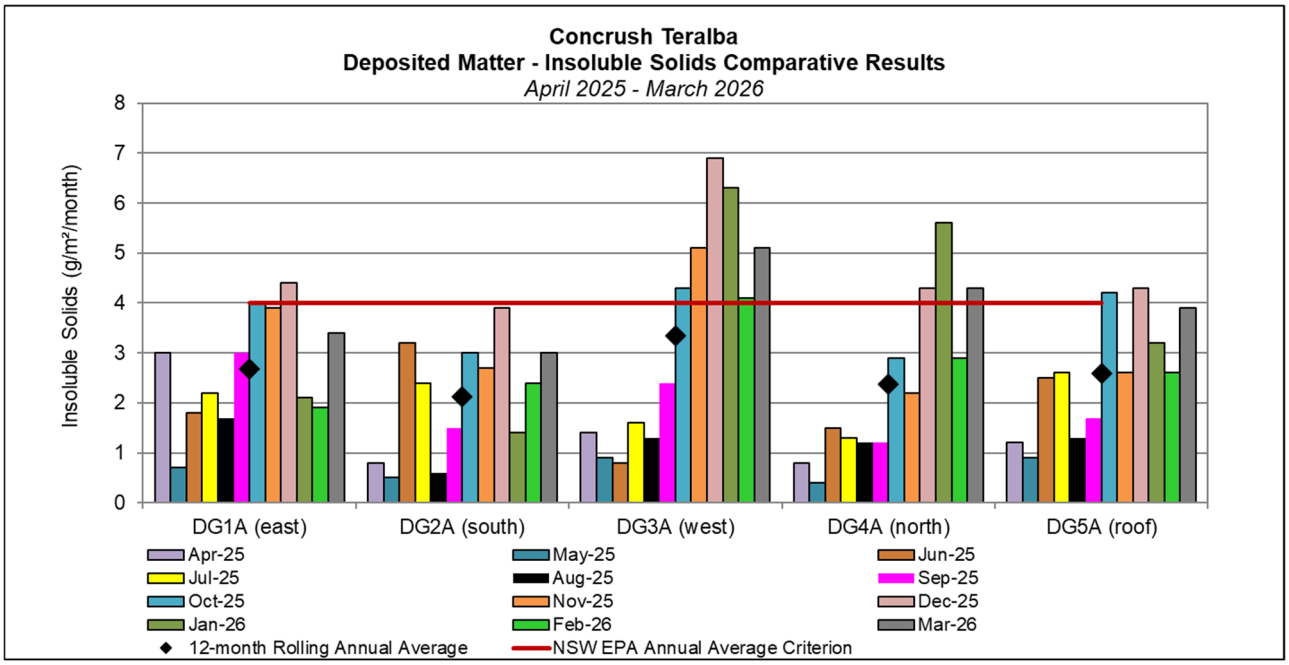


Figure 6 *Dust Monitoring Results (Insoluble Solids) for the Past 12 Months*

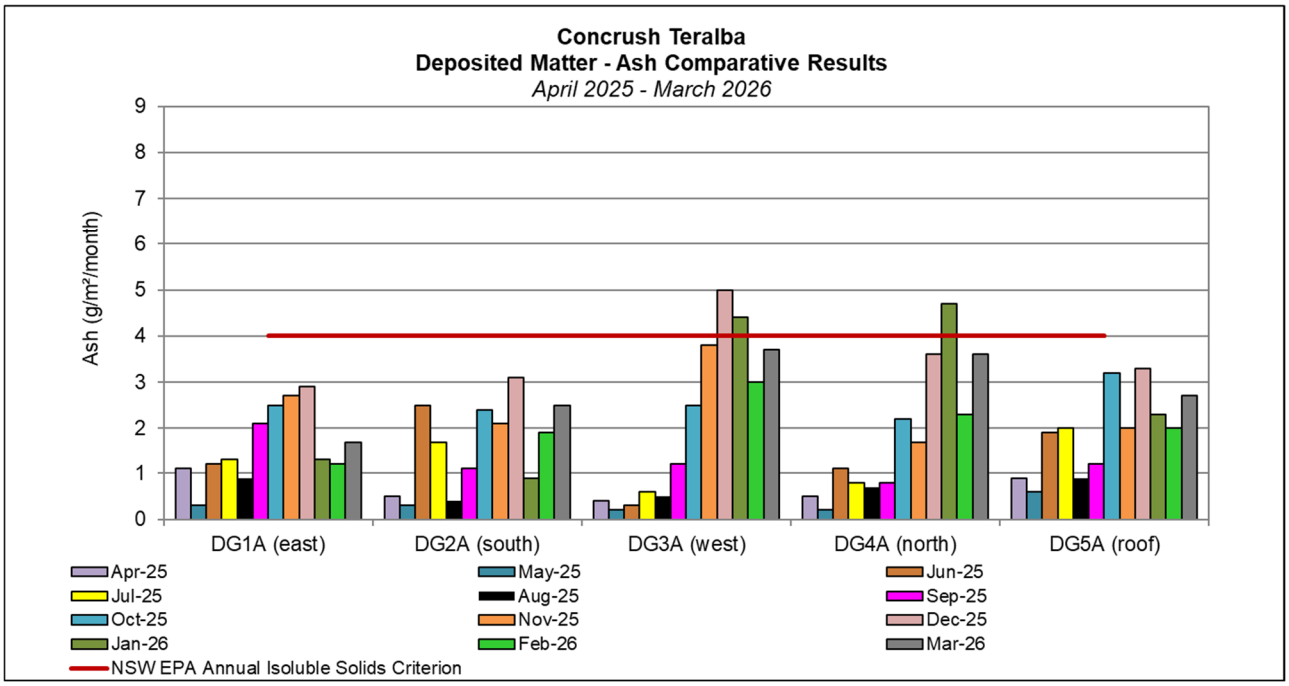


Figure 7 *Dust Monitoring Results (Ash) for the Past 12 Months*

4.2 REAL TIME DUST MONITOR

The real time dust monitors records data with regards to $PM_{2.5}$, PM_{10} and PM_{total}. As stated in **Section 3.2** there were some periods of no data. Furthermore, there was a period between the 16th and 27th February for which there was no reported $PM_{2.5}$ data and PM_{10} and PM_{total} data were a factor of 100 greater than preceding and subsequent data such that these data are not considered reliable and have been discounted.

A summary of the results is presented in **Table 5** and **Figure 8** below, noting that the PM_{total} concentration has been compared to the TSP annual average criterion. Further noting that the results have not been obtained by a listed approved method for air quality (Ref [5]) and are not considered directly comparable with criteria (Ref [4]):

- The daily average of $PM_{2.5}$ is above the 0.025 mg/m^3 criterion (Ref [4]) on four (4) consecutive days (Friday 30th January through to Monday 2nd February).
- The daily average $PM_{2.5}$ concentration is above the predicted impact concentration on twelve (12) days of the forty-four (44) monitored days. With the exception of two (2) days, 30th January and 1st February, all were full working days at the site.
- The daily average of PM_{10} is above the 0.05 mg/m^3 criterion (Ref [4]) on twenty-seven (27) of the monitored days. With the exception of five (5) Saturdays and one (1) Sunday (1st February), all were full working days at the site.
- The daily average PM_{10} concentration is above the predicted impact concentration on thirty-one (31) of the monitored days. The additional days were working days at the site.

Table 5 *Particle Summary of Available Data Within Monitoring Period*

	Maximum (date and time)	**Minimum (date and time)**	**Maximum Daily Average**
$PM_{2.5}$	0.752 (at 4:05, Monday 2nd February)	0.000 (Multiple occasions)	<u>0.089</u> (Monday 2nd February)
PM_{10}	3.315 (at 6:05, Wednesday 11th February)	0.001 (Multiple occasions)	**<u>0.191</u>** (Monday 2nd February)
TSP	4.036 (at 6:05, Wednesday 11th February)	0.001 (14:15 Wednesday 20th December, and at 10:40 and 11:25 Thursday 21st December 2023)	0.204 (Monday 2nd February)

Concentrations in mg/m^3.

BOLD identifies where results are in excess of criteria (Ref [4]).

<u>Underline</u> identified where results are in excess of the predicted concentration at the real-time dust monitor location.

As the unit was not operational for the majority of 2025, it is not considered that there is a valid calculation for an annual average of results however it is noted that the average of the available $PM_{2.5}$, PM_{10} and TSP data are in excess of the relevant annual average criterion.

PM_{10} is the dominant particle size of those monitored by the real time monitor (noting the different scales of the axes in **Figure 8**).

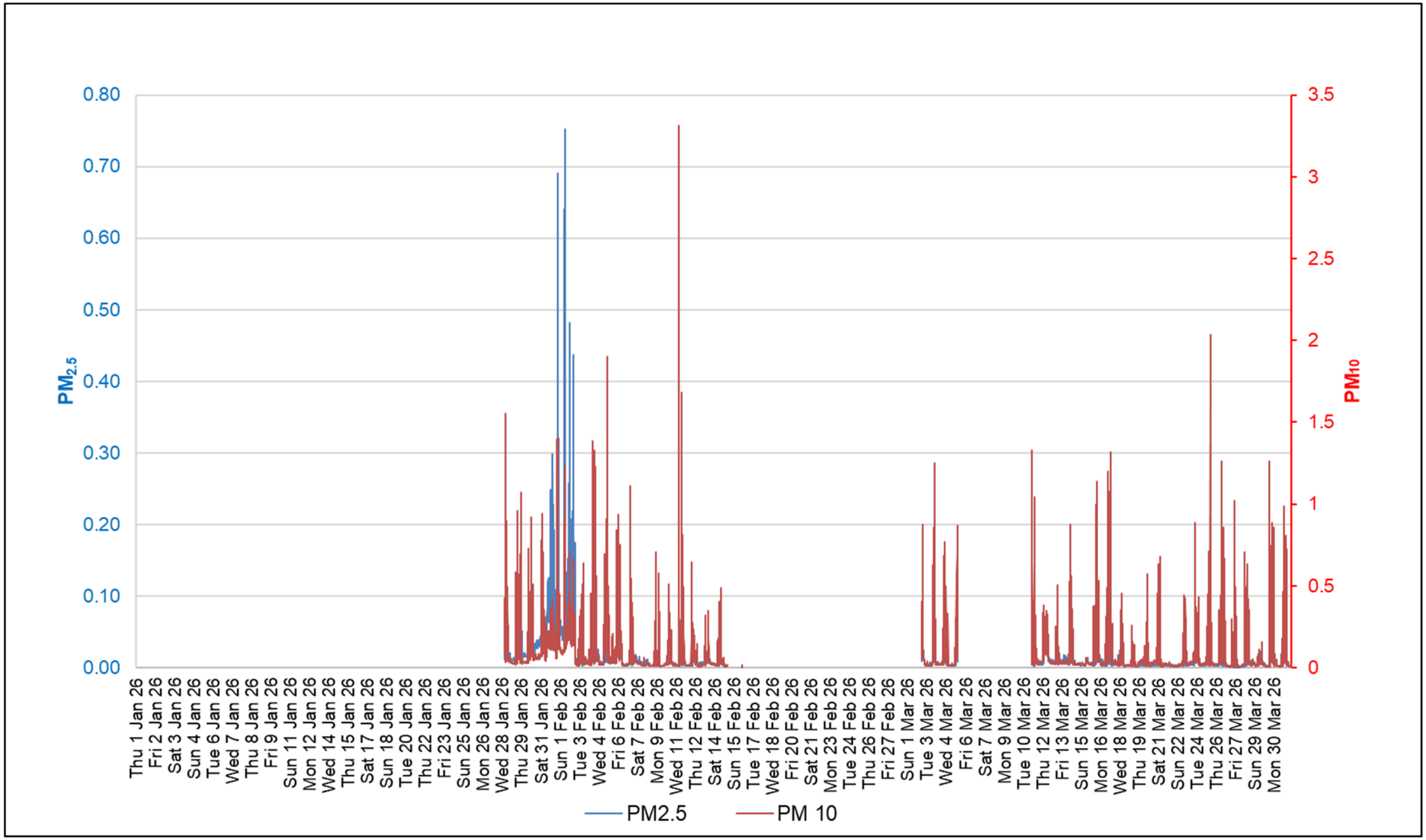


Figure 8 *Daily $PM_{2.5}$ and PM_{10} for the Available Data within the Monitoring Period*

A summary of the monitoring period's PM_{10} results in 15-minute increments is presented in **Figure 9** noting that this increment correlates with Concrush objectives of <0.05 mg/m^3 PM_{10} over a 15-minute period.

In regards to the results:

- The highest PM_{10} 15-minute average is 1.387mg/m^3, identified on Thursday 5th February.
- The average PM_{10} 15-minute average is 0.074 mg/m^3.

The 15-minute average PM_{10} data shows that the 0.05mg/m^3 objective is being exceeded routinely, including on three (3) of the monitored Sundays when Concrush does not operate on Sundays, such that these readings are considered representative of background particles.

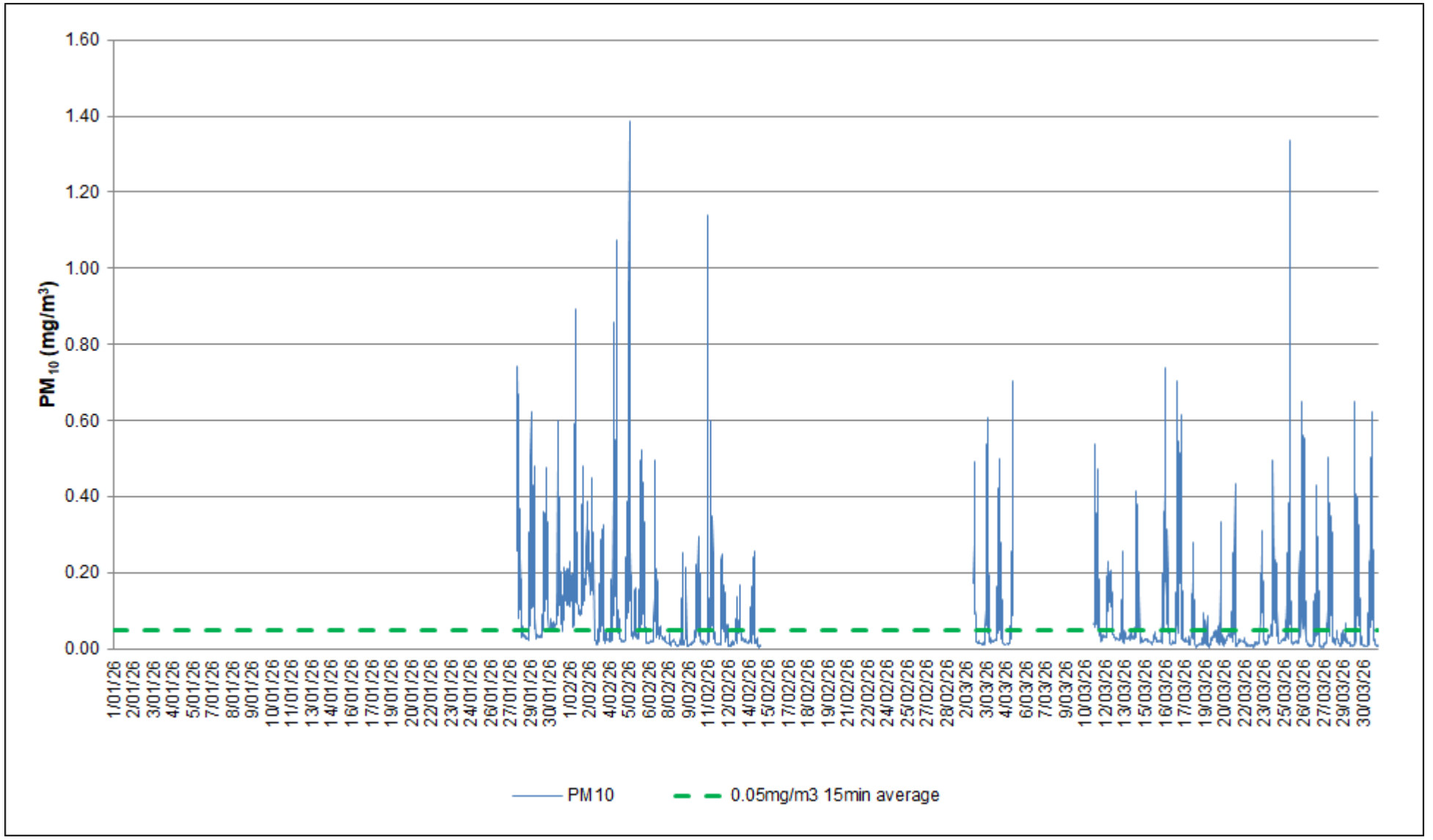


Figure 9 *PM_{10} 15-minute Average for the Available Data within the Monitoring Period*

Rainfall data obtained from the Bureau of Meteorology weather station at Cooranbong indicated a total rainfall of 397.8 mm within the monitoring period (204.4 mm in January, 71.8 mm in February, 121.6 mm in March).

The available PM_{10} data has been graphed for a ten-hour workday from 6 a.m. to 4 p.m. and a twenty-four (24) hour average against average windspeed and daily rainfall in **Figure 10** to **Figure 13** below.

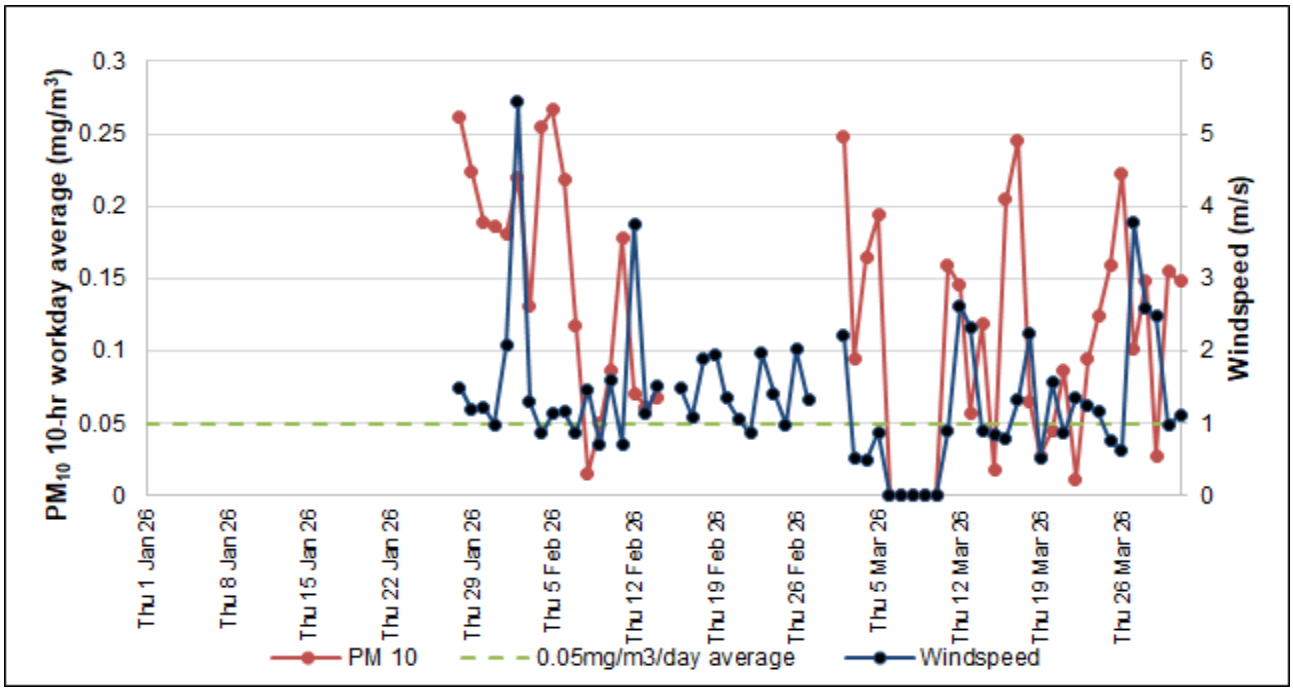


Figure 10 *PM_{10} 10-hr Average and Windspeed for the Available Data within Monitoring Period*

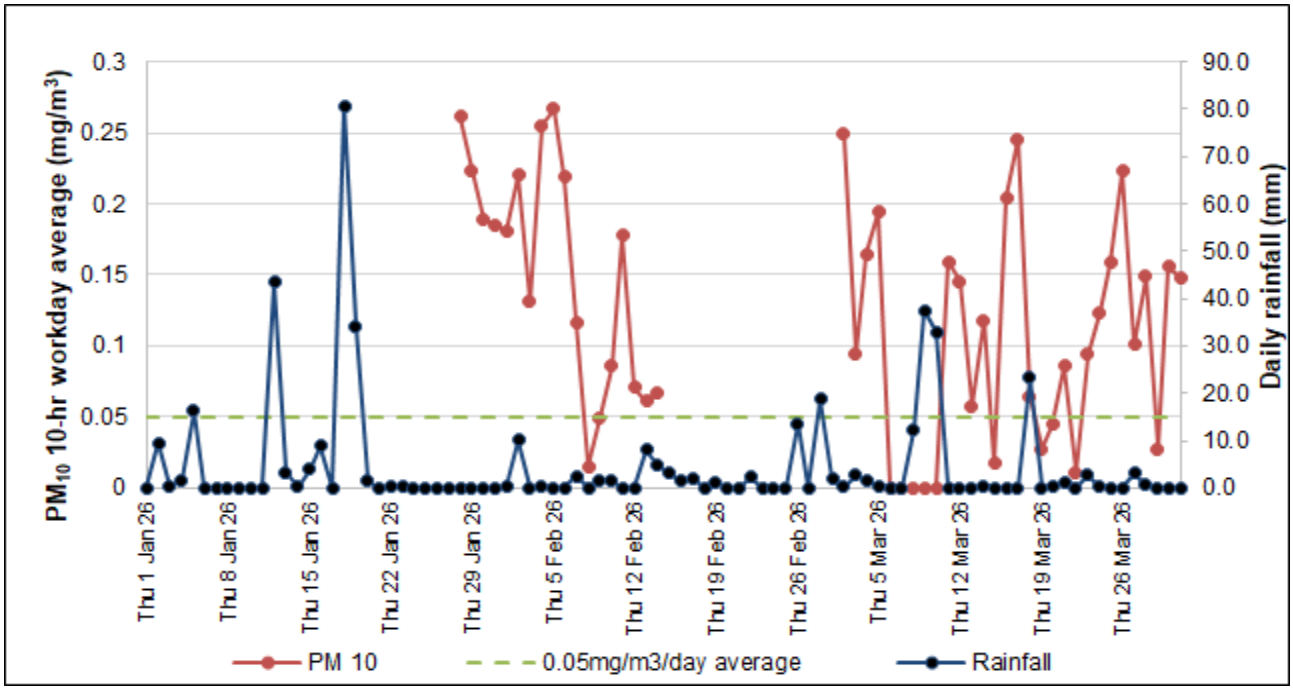


Figure 11 *PM_{10} 10-hr Average and Daily Rainfall for the Available Data within Monitoring Period*

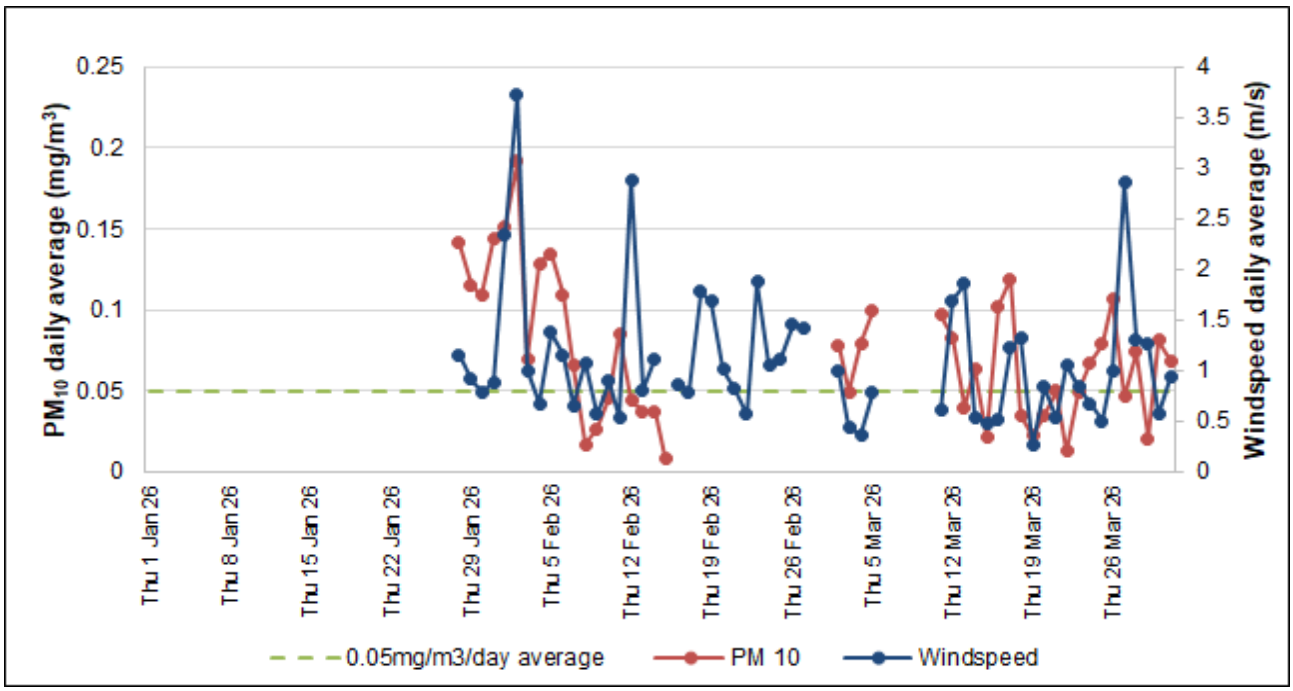


Figure 12 *PM_{10} daily Average and Windspeed for the Available Data within the Monitoring Period*

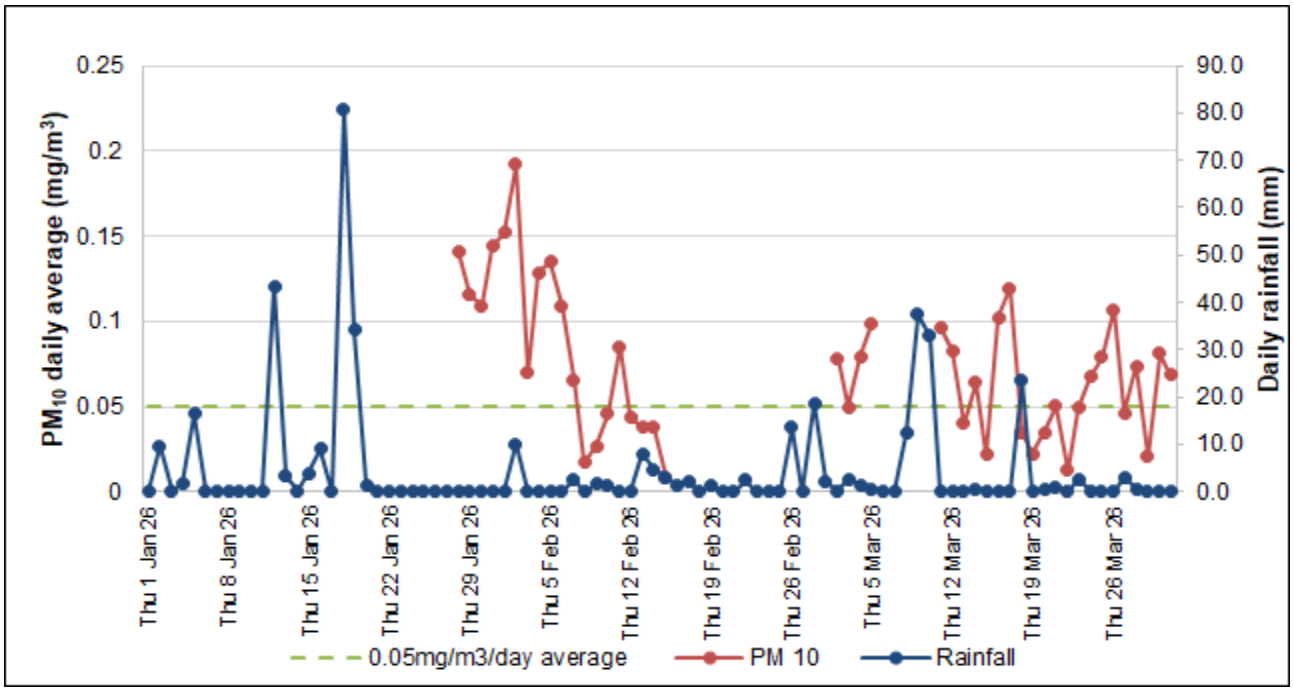


Figure 13 *PM_{10} Daily Average and Daily Rainfall for the Available Data within the Monitoring Period*

No significant correlation was identified between wind speed and PM_{10} daily average; high wind speeds do not consistently correlate with high particle concentrations. Similarly there is no significant correlation between rainfall and particle concentrations. It is considered that the activities undertaken at the site should be considered as the dominant factor that influence the monitored dust levels beyond wind directions, wind speed and rainfall.

5 ASSESSMENT OF DUST MANAGEMENT EFFECTIVENESS

The quarterly monitoring data reflects the effectiveness of site dust controls. It is noted that the OAQMP (Ref [1]) has been implemented since the works on the expansion component has been completed.

RCA's observations on the sampling days (22nd January, 23rd February, and 26th March 2026) regarding site activities that are associated with dust generation, and suppression were:

- Excavators and crusher were operating at the time of all site inspections.
- Sprinklers and water truck were in operation however not on all stockpiles and not all site inspections.
- Customers' vehicles were observed during all the site inspections.
- RCA observed at least localised dust during the time of all site inspections.

RCA's photographs during the time of fieldwork are shown in **Figure 14** below.

	
Excavator in operation, looking south 22nd January 2026	**Crusher in operation, looking southwest 22nd January 2026**
	
Machinery and sprinklers in operation looking east 23rd February 2026	**Machinery in operation, looking east, 23rd February 2026**
	
Loader in operation, looking south 26th March 2026	**Sprinkler in operation, looking east 26th March 2026**

Figure 14 *Site Photographs during Sampling and Inspections*

RCA recommends that dust suppression measures should be carried out whenever rain is not actively falling, particularly during warm or windy weather such that evaporation effects are minimised, and that the extent of coverage from the sprinklers is monitored with adjustment of the sprinkler position / flow rate as necessary to maintain a damp stockpile surface. RCA would also recommend regular use of the street-sweeper on the surface of the weighbridges and water application on the trafficable areas.

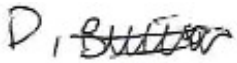
6 LIMITATIONS

This report has been prepared for Concrush Pty Ltd in accordance with an agreement with RCA Australia (RCA). The services performed by RCA have been conducted in a manner consistent with that generally exercised by members of its profession and consulting practice.

This report has been prepared for the sole use of Concrush Pty Ltd. The report may not contain sufficient information for purposes of other uses or for parties other than Concrush Pty Ltd. This report shall only be presented in full and may not be used to support objectives other than those stated in the report without written permission from RCA Australia.

Yours faithfully

RCA AUSTRALIA



Damien Bucior
Environmental Scientist
B Science

REFERENCES

[1] RCA Australia, *Operational Air Quality Management Plan (OAQMP) for Expansion of the Concrush Resource Recovery Facility*, RCA ref 13589-802 V3, June 2023.

[2] Lake Macquarie City Council, *Local Environmental Plan 2014, under the Environmental Planning and Assessment Act 1979*, published 2014.

[3] AS/NZS 3580.1.1:2016 *Methods for sampling and analysis of ambient air: Guide to siting air monitoring equipment*, May 2016.

[4] NSW EPA, *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW*, August 2022.

[5] NSW EPA, *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW*, January 2022.

Appendix A

Field Sheets

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STATIC DUST GAUGES – FIELD SHEET

Client: Concrush
Location: 21 Racecourse Road, Teralba
Date On: 23/12/2025
Date Off: 21/01/2026

Job Number: 13589a
Month/Year: 1/2026
Personnel: Damien
Field Sheet: Page 1 of 1

Field ID (Job No + Gauge No.)	Lab ID (To be entered by Lab Technician on receipt of samples)	Time Serviced	Funnel Number (if replaced)	Approx. Volume	Notes	Comments
						Eg. Colour, contamination, bird droppings, insects etc
DG1A		1,14pm		60%	I,T	Clear water
DG2A		1.05pm		50%	T	Clear water
DG3A		12.55pm		60%	I,T	Clear water
DG4A		12.45pm		50%	I,T	Clear water
DG5A		1:25		60	I,T	Clear water
						Photographs taken of dust gauge inlet & bottle contents (Y/N)

OBSERVATIONS OF DUST GENERATING ACTIVITIES & SUPPRESSION MEASURES

Dust cart on site (Y/N). Dust cart in operation (Y/N)
Sprinklers on all stockpiles (Y/N). Sprinklers in operation (Y/N)
Equipment in operation? customers, trucks, excavator — Wind from weighbridge to Rec office
Customer activity? Active
Dust observed? minimal
Photographs taken (Y/N).

Notes:

A = Animals (frogs, lizards, snakes) · O = Organic Matter (specify) · B = Bird Droppings · F = Feathers · G = Grass (and seeds) · N = No foreign mater · T = Tree Litter (twigs, leaves, gum nuts) · I = Insects (and spiders) · MF = Invalid sample: Missing funnel · FB = Invalid sample: Broken funnel · EB = Invalid sample: Excess bird droppings · RN = Invalid sample: Refer to notes below

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STATIC DUST GAUGES – FIELD SHEET

Client: Concrush
Location: 21 Racecourse Road, Teralba
Date On: 21/01/2026
Date Off: 23/02/2026

Job Number: 13589a
Month/Year: 2/2026
Personnel: DB
Field Sheet: Page 1 of 1

Field ID (Job No + Gauge No.)	Lab ID (To be entered by Lab Technician on receipt of samples)	Time Serviced	Funnel Number (if replaced)	Approx. Volume	Notes	Comments
						Eg. Colour, contamination, bird droppings, insects etc
DG1A		1.40pm		20%	I,T	clear water
DG2A		1.30pm		20%	T	clear minor sediment
DG3A		1.20pm		20%	I,T	clear slightly brown tinge
DG4A		1.10pm		20%	I,T	clear water
DG5A		1.50pm		20%	I,T	clear
						Photographs taken of dust gauge inlet & bottle contents (Y/N)

OBSERVATIONS OF DUST GENERATING ACTIVITIES & SUPPRESSION MEASURES

Dust cart on site (Y/N). Dust cart in operation (Y/N)
Sprinklers on all stockpiles (Y/N). Sprinklers in operation (Y/N)
Equipment in operation?.....
Customer activity? .....
Dust observed? .....Photographs taken (Y/N).

Notes:

A = Animals (frogs, lizards, snakes)
O = Organic Matter (specify)
B = Bird Droppings
F = Feathers
G = Grass (and seeds)
N = No foreign mater
T = Tree Litter (twigs, leaves, gum nuts)
I = Insects (and spiders)
MF = Invalid sample: Missing funnel
FB = Invalid sample: Broken funnel
EB = Invalid sample: Excess bird droppings
RN = Invalid sample: Refer to notes below

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STATIC DUST GAUGES – FIELD SHEET

Client: Concrush

Location: 21 Racecourse Road, Teralba

Date On: 23/02/2026

Date Off: ~~25/03/2026~~ 26/03/2026

Job Number: 13589a

Month/Year: 3/2026

Personnel: DGMcG

Field Sheet: Page 1 of 1

Field ID (Job No + Gauge No.)	Lab ID (To be entered by Lab Technician on receipt of samples)	Time Serviced	Funnel Number (if replaced)	Approx. Volume	Notes	Comments
						Eg. Colour, contamination, bird droppings, insects etc
DG1A	11,4-5gm			40%	I,T	Water clear
DG2A	11,30gm			40%	T	Water clear
DG3A	9,30gm			40%	I,T	water clear
DG4A	8,45gm			40%	I,T	Water clear
DG5A	1,10Pm			40%	I,T	Water clear
						Photographs taken of dust gauge inlet & bottle contents (Y/N)

OBSERVATIONS OF DUST GENERATING ACTIVITIES & SUPPRESSION MEASURES

Dust cart on site (Y/N). Dust cart in operation (Y/N)

Sprinklers on all stockpiles (Y/N). Sprinklers in operation (Y/N)

Equipment in operation? Yes

Customer activity? Yes

Dust observed? NO Photographs taken (Y/N).

Notes:

A = Animals (frogs, lizards, snakes)
O = Organic Matter (specify)
B = Bird Droppings
F = Feathers
G = Grass (and seeds)
N = No foreign mater
T = Tree Litter (twigs, leaves, gum nuts)
I = Insects (and spiders)
MF = Invalid sample: Missing funnel
FB = Invalid sample: Broken funnel
EB = Invalid sample: Excess bird droppings
RN = Invalid sample: Refer to notes below

Appendix B

Laboratory Report Sheets

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

CERTIFICATE OF ANALYSIS 400330

Client Details

Client	RCA Australia
Attention	RCA Administrator
Address	PO Box 175, Carrington, NSW, 2294

Sample Details

Your Reference	**13589A**
Number of Samples	5 Depositional Dust
Date samples received	22/01/2026
Date completed instructions received	22/01/2026

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client unless as indicated below in the method summaries. 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	03/02/2026
Date of Issue	03/02/2026

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By
Laura Schofield, Lab Manager

Authorised By
Nancy Zhang, Laboratory Manager

Dust Deposition AS 3580.10.1						
Our Reference		400330-1	400330-2	400330-3	400330-4	400330-5
Your Reference	UNITS	DG1A	DG2A	DG3A	DG4A	DG5A
Type of sample		Depositional Dust	Depositional Dust	Depositional Dust	Depositional Dust	Depositional Dust
Dust Gauge Start Date	--	23/12/2025	23/12/2025	23/12/2025	23/12/2025	23/12/2025
Dust Gauge End Date	--	22/01/2026	22/01/2026	22/01/2026	22/01/2026	22/01/2026
Sampler Name	-	DB	DB	DB	DB	DB
Dust - No. of Days Collected	--	30	30	30	30	30
Notes	-	I	I	I	I	I
Insoluble Solids	g/m^2 /month	2.1	1.4	6.3	5.6	3.2
Ash	g/m^2 /month	1.3	0.9	4.4	4.7	2.3
Combustible Matter	g/m^2 /month	0.8	0.5	1.9	0.9	0.9

Method ID	Methodology Summary
Ext-073-Q	Analysis only of Dust Deposition by AS/NZS 3580.10.1 and in-house method ENV-LAB004, Analysed by Envirolab Newcastle - NATA Site No. 18077. The calculations in g/m2/month* (unendorsed data) uses the number of days provided by the customer. The diameter of the funnels used by the customer is taken to be 150mm +/-10mm (150mm for the calculation). Deviations from the tolerance above may result in incorrect calculations.

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.

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: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volumes) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-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 can be downloaded from the Envirolab Resources website or obtained directly by contacting the laboratory.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

For Dust Deposit Gauge (DDG) analysis the sampling, sampling period and funnel exposure area do not fall under Envirolab's NATA accreditation (unless the Newcastle laboratory where responsible for the sampling), hence the annotation on the DDG units of reporting.

Urine Analysis - The BEI values listed are taken from the 2022 edition of "TLVs and BEIs Threshold Limits" by ACGIH.

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP

Company:	RCA Australia	RCA Reference Number (i.e. report title)	13589a
Contact person:	Fiona Brooker	PO No. (if applicable):	Not applicable
Project Mgr:	Fiona Brooker	Envirolab Quote No. :	BM8
Sampler:	Damien	Date results required:	Standard
Address:	92 Hill St Carrington, NSW 2294		
Phone:	02 4902 9200 Mob: 0404371451		
Email results to:	administrator@rca.com.au + enviro@rca.com.au	Lab comments:	
Email invoice to:			

ENVIROLAB GROUP

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
02 9910 6200 sydney@envirolab.com.au

Sample information					Tests Required												Comments
Envirolab Sample ID	Client Sample ID	Date sampled	Type of sample	# Containers	E27970 - Dust Deposition gauges - 3 fractions (Si, Sc, Sa)												Provide as much information about the sample as you can
	DG1A	22/01/2026	Dust Gauge	1	x												Exposure Period
	DG2A	22/01/2026	Dust Gauge	1	x												23/12/2025
	DG3A	22/01/2026	Dust Gauge	1	x												to
	DG4A	22/01/2026	Dust Gauge	1	x												22/01/2026
	DG5A	22/01/2026	Dust Gauge	1	x												
			Total	5	5												

Relinquished by (company):	RCA Australia	Received by (company):	Envirolab	Lab use only:	
Print Name:	Damien	Print Name:	Kylie Harara	Job Number: 400330	Cooling: Ice / Ice Pack / None
Date & Time:	22/1/26	Date & Time:	22/1/26 2.30pm	Temperature: 24°C	Security Seal: Intact / Broken / Not Used
Signature:	D Bloggs	Signature:	Kylie Harara	TAT Req:	SAME DAY / 1 / 2 / 3 / 4 / STD

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ABN 37 112 535 645
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ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

SAMPLE RECEIPT ADVICE

Client Details

Client	RCA Australia
Attention	RCA Administrator

Sample Login Details

Your reference	13589A
Envirolab Reference	400330
Date Sample Received	22/01/2026
Date Instructions Received	22/01/2026
Date Results Expected to be Reported	03/02/2026

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	5 Depositional Dust
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	24
Cooling Method	None
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

Sample ID	Dust Deposition AS 3580.10.1
DG1A	✓
DG2A	✓
DG3A	✓
DG4A	✓
DG5A	✓

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.

Requests for longer term sample storage must be received in writing.

Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.

TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

We acknowledge receipt of your samples and Purchase Order (PO) (if provided). If a PO includes your terms & conditions, Envirolab hereby expressly rejects and will not be bound by any external or third-party terms and conditions, including those referenced or attached to a PO.

All services to be performed by Envirolab will be governed exclusively by Envirolab's General Terms and Conditions attached to this acknowledgement (Envirolab Terms) via hyperlink or found on our websites.

If you do not object in writing within two (2) business days of the date of this acknowledgement, you will be deemed to have accepted the Envirolab Terms. In addition, your provision of further instructions, additional samples, payment of any invoice, or acceptance of services or results from Envirolab will constitute acceptance of the Envirolab Terms. For clarity, Envirolab's commencement or continuation of work following receipt of the PO is performed solely under the Envirolab Terms and does not constitute acceptance of any external terms. All rights are expressly reserved.

Envirolab Services Pty Ltd
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12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

CERTIFICATE OF ANALYSIS 402732

Client Details

Client	RCA Australia
Attention	RCA Administrator
Address	PO Box 175, Carrington, NSW, 2294

Sample Details

Your Reference	**13589A**
Number of Samples	5 Depositional Dust
Date samples received	23/02/2026
Date completed instructions received	23/02/2026

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client unless as indicated below in the method summaries. 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.

Please refer to the last page of this report for any comments relating to the results.

Report Details

Date results requested by	04/03/2026
Date of Issue	27/02/2026

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By
Laura Schofield, Lab Manager

Authorised By
Nancy Zhang, Laboratory Manager

Dust Deposition AS 3580.10.1						
Our Reference	UNITS	402732-1	402732-2	402732-3	402732-4	402732-5
Your Reference		DG1A	DG2A	DG3A	DG4A	DG5A
Date Sampled		23/02/2026	23/02/2026	23/02/2026	23/02/2026	23/02/2026
Type of sample		Depositional Dust	Depositional Dust	Depositional Dust	Depositional Dust	Depositional Dust
Dust Gauge Start Date	--	22/01/2025	22/01/2025	22/01/2025	22/01/2025	22/01/2025
Dust Gauge End Date	--	23/02/2025	23/02/2025	23/02/2025	23/02/2025	23/02/2025
Sampler Name	-	DM	DM	DM	DM	DM
Dust - No. of Days Collected	--	32	32	32	32	32
Notes	-	I	I	IT	I	I
Insoluble Solids	g/m^2 /month	1.9	2.4	4.1	2.9	2.6
Ash	g/m^2 /month	1.2	1.9	3.0	2.3	2.0
Combustible Matter	g/m^2 /month	0.7	0.5	1.1	0.6	0.6

Method ID	Methodology Summary
Ext-073-Q	Analysis only of Dust Deposition by AS/NZS 3580.10.1 and in-house method ENV-LAB004, Analysed by Envirolab Newcastle - NATA Site No. 18077.

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.

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: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volumes) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-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 can be downloaded from the Envirolab Resources website or obtained directly by contacting the laboratory.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

For Dust Deposit Gauge (DDG) analysis the sampling, sampling period and funnel exposure area do not fall under Envirolab's NATA accreditation (unless the Newcastle laboratory where responsible for the sampling), hence the annotation on the DDG units of reporting.

Urine Analysis - The BEI values listed are taken from the 2022 edition of "TLVs and BEIs Threshold Limits" by ACGIH.

Report Comments

Samples received in good order: Y7

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP

Company:	**RCA Australia**	**RCA Reference Number (i.e. report title)**	
Contact person:	**Fiona Brooker**	**13589a**	
Project Mgr:	**Fiona Brooker**	**PO No. (if applicable):**	Not applicable
Sampler:	**Damien**	**Envirolab Quote No. :**	BM8
Address:	**92 Hill St Carrington, NSW 2294**	**Date results required:**	Standard
Phone:	**02 4902 9200** **Mob:** **0404371451**		
Email results to:	administrator@rca.com.au + enviro@rca.com.au	**Lab comments:**	
Email invoice to:			

ENVIROLAB GROUP

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
02 9910 6200 sydney@envirolab.com.au

Sample information					Tests Required											Comments
Envirolab Sample ID	**Client Sample ID**	**Date sampled**	**Type of sample**	**# Containers**	E27970 - Dust Deposition gauges - 3 fractions (Si, Sc, Sa)											**Provide as much information about the sample as you can**
	DG1A	23/02/2026	Dust Gauge	1	x											Exposure Period
	DG2A	23/02/2026	Dust Gauge	1	x											22/01/2026
	DG3A	23/02/2026	Dust Gauge	1	x											to
	DG4A	23/02/2026	Dust Gauge	1	x											23/02/2026
	DG5A	23/02/2026	Dust Gauge	1	x											
			Total	5	5											

Relinquished by (company):	**RCA Australia**	**Received by (company):**	Envirolab	***Lab use only:***	
Print Name:	Damien	**Print Name:**	Sambah Joseph	**Job Number** 402732	**Cooling:** Ice / Ice Pack / (None)
Date & Time:	23-2-25	**Date & Time:**	23/2/26 14:40	**Temperature** 27°C	**Security Seal:** (Intact) / Broken / Not Used
Signature:	D. Bell	**Signature:**		**TAT Req:**	SAME DAY / 1 / 2 / 3 / 4 / (STD)

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

SAMPLE RECEIPT ADVICE

Client Details

Client	RCA Australia
Attention	RCA Administrator

Sample Login Details

Your reference	13589A
Envirolab Reference	402732
Date Sample Received	23/02/2026
Date Instructions Received	23/02/2026
Date Results Expected to be Reported	04/03/2026

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	5 Depositional Dust
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	27
Cooling Method	None
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

Sample ID	Dust Deposition AS 3580.10.1
DG1A	✓
DG2A	✓
DG3A	✓
DG4A	✓
DG5A	✓

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.

Requests for longer term sample storage must be received in writing.

Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.

TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

We acknowledge receipt of your samples and Purchase Order (PO) (if provided). If a PO includes your terms & conditions, Envirolab hereby expressly rejects and will not be bound by any external or third-party terms and conditions, including those referenced or attached to a PO.

All services to be performed by Envirolab will be governed exclusively by Envirolab's General Terms and Conditions attached to this acknowledgement (Envirolab Terms) via hyperlink or found on our websites.

If you do not object in writing within two (2) business days of the date of this acknowledgement, you will be deemed to have accepted the Envirolab Terms. In addition, your provision of further instructions, additional samples, payment of any invoice, or acceptance of services or results from Envirolab will constitute acceptance of the Envirolab Terms. For clarity, Envirolab's commencement or continuation of work following receipt of the PO is performed solely under the Envirolab Terms and does not constitute acceptance of any external terms. All rights are expressly reserved.

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

CERTIFICATE OF ANALYSIS 405337

Client Details

Client	RCA Australia
Attention	Client
Address	PO Box 175, Carrington, NSW, 2294

Sample Details

Your Reference	**13589 Depositional Dust**
Number of Samples	Depositional Dust Guage
Date samples received	26/03/2026
Date completed instructions received	26/03/2026

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client unless as indicated below in the method summaries. 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	08/04/2026
Date of Issue	15/04/2026
Reissue Details	This report replaces R00 created on 08/04/2026 due to: result entry error

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By
Neena Tewari, Senior Chemist

Authorised By
Nancy Zhang, Laboratory Manager

Dust Deposition AS 3580.10.1						
Our Reference		405337-1	405337-2	405337-3	405337-4	405337-5
Your Reference	UNITS	DG1A	DG2A	DG3A	DG4A	DG5A
Sampling Period Dates		23/02/2026 - 26/03/2026	23/02/2026 - 26/03/2026	23/02/2026 - 26/03/2026	23/02/2026 - 26/03/2026	23/02/2026 - 26/03/2026
Type of sample		Depositional Dust Guage	Depositional Dust Guage	Depositional Dust Guage	Depositional Dust Guage	Depositional Dust Guage
Sampler Name		SJ	SJ	SJ	SJ	SJ
Dust Gauge Start Date	--	23/02/2026	23/02/2026	23/02/2026	23/02/2026	23/02/2026
Dust Gauge End Date	--	23/03/2026	23/03/2026	23/03/2026	23/03/2026	23/03/2026
Sampler Name	-	DM	DM	DM	DM	DM
Dust - No. of Days Collected	--	31	31	31	31	31
Notes	-	IT	I	IT	I	I
Date prepared	-	26/03/2026	26/03/2026	26/03/2026	26/03/2026	26/03/2026
Date analysed	-	26/03/2026	26/03/2026	26/03/2026	26/03/2026	26/03/2026
Insoluble Solids	g/m^2 /month	3.4	3.0	5.1	4.3	3.9
Ash	g/m^2 /month	1.7	2.5	3.7	3.6	2.7
Combustible Matter	g/m^2 /month	1.7	0.5	1.4	0.7	1.2

Method ID	Methodology Summary
Ext-073-Z	Sampling and analysis of Dust Deposition by AS/NZS 3580.10.1 and in-house method INORG-050, Analysed by Envirolab Newcastle - NATA Site No. 18077. The sampling was under the control of Envirolab Newcastle and hence the client is Envirolab Newcastle in this instance as referenced on the first page of this CoA i.e. "Samples were analysed as received from the client".

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.

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: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volumes) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-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 can be downloaded from the Envirolab Resources website or obtained directly by contacting the laboratory.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

For Dust Deposit Gauge (DDG) analysis the sampling, sampling period and funnel exposure area do not fall under Envirolab's NATA accreditation (unless the Newcastle laboratory where responsible for the sampling), hence the annotation on the DDG units of reporting.

Urine Analysis - The BEI values listed are taken from the 2022 edition of "TLVs and BEIs Threshold Limits" by ACGIH.

CHAIN OF CUSTODY - Client

ENVIROLAB GROUP

Company:	RCA Australia		
Contact person:	Fiona Brooker		
Project Mgr:	Fiona Brooker		
Sampler:	Damien		
Address:	92 Hill St Carrington, NSW 2294		
Phone:	02 4902 9200	Mob:	0404371451
Email results to:	administrator@rca.com.au + enviro@rca.com.au		
Email invoice to:			

RCA Reference Number (i.e. report title)	13589a
PO No. (if applicable):	Not applicable
Envirolab Quote No. :	BM8
Date results required:	Standard
Lab comments:	

ENVIROLAB GROUP

Sydney Lab - Envirolab Services
12 Ashley St, Chatswood, NSW 2067
02 9910 6200 sydney@envirolab.com.au

Sample information					Tests Required											Comments
Envirolab Sample ID	Client Sample ID	Date sampled	Type of sample	# Containers	E27970 - Dust Deposition gauges - 3 fractions (Si, Sc, Sa)											Provide as much information about the sample as you can
	DG1A	26/03/2026	Dust Gauge	1	x											Exposure Period
	DG2A	26/03/2026	Dust Gauge	1	x											23/02/2026
	DG3A	26/03/2026	Dust Gauge	1	x											to
	DG4A	26/03/2026	Dust Gauge	1	x											26/03/2026
	DG5A	26/03/2026	Dust Gauge	1	x											
			Total	5	5											

Relinquished by (company):	RCA Australia	Received by (company):	Envirolab
Print Name:	Damien	Print Name:	Kylie Haward
Date & Time:	26-3-26	Date & Time:	26/3/26
Signature:		Signature:	

Lab use only:			
Job Number	405337	Cooling:	Ice / Ice Pack / None
Temperature	28°C	Security Seal:	Intact / Broken / Not used
TAT Req:	SAME DAY / 1 / 2 / 3 / 4 / STD		

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

SAMPLE RECEIPT ADVICE

Client Details

Client	RCA Australia
Attention	Client

Sample Login Details

Your reference	13589 Depositional Dust
Envirolab Reference	405337
Date Sample Received	26/03/2026
Date Instructions Received	26/03/2026
Date Results Expected to be Reported	06/04/2026

Sample Condition

Samples received in appropriate condition for analysis	Yes
No. of Samples Provided	Depositional Dust Guage
Turnaround Time Requested	Standard
Temperature on Receipt (°C)	28
Cooling Method	None
Sampling Date Provided	YES

Comments

Nil

Please direct any queries to:

Aileen Hie	Jacinta Hurst
Phone: 02 9910 6200	**Phone: 02 9910 6200**
Fax: 02 9910 6201	**Fax: 02 9910 6201**
Email: ahie@envirolab.com.au	**Email: jhurst@envirolab.com.au**

Analysis Underway, details on the following page:

Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

Sample ID	Dust Deposition AS 3580.10.1
DG1A	✓
DG2A	✓
DG3A	✓
DG4A	✓
DG5A	✓

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.

Requests for longer term sample storage must be received in writing.

Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.

TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

We acknowledge receipt of your samples and Purchase Order (PO) (if provided). If a PO includes your terms & conditions, Envirolab hereby expressly rejects and will not be bound by any external or third-party terms and conditions, including those referenced or attached to a PO.

All services to be performed by Envirolab will be governed exclusively by Envirolab's General Terms and Conditions attached to this acknowledgement (Envirolab Terms) via hyperlink or found on our websites.

If you do not object in writing within two (2) business days of the date of this acknowledgement, you will be deemed to have accepted the Envirolab Terms. In addition, your provision of further instructions, additional samples, payment of any invoice, or acceptance of services or results from Envirolab will constitute acceptance of the Envirolab Terms. For clarity, Envirolab's commencement or continuation of work following receipt of the PO is performed solely under the Envirolab Terms and does not constitute acceptance of any external terms. All rights are expressly reserved.