

1. MONTHLY REPORT SUMMARY

No air related dust complaints were received this April 2026.

Continuous air quality monitoring was undertaken throughout this month. During this monitoring month, PM₁₀ concentrations exceeded the 24-hour 50 µg/m³ criterion on two occasions (27/4 and 30/4).

Mine site activities were reviewed, collected air quality and meteorological data from the Mine site monitoring station were compared with data observations from regional towns in the Far Western and Riverina-Murray Regions of NSW. It was determined that the mine activities were not the cause of exceedances based on wind direction. On the 27/4, the prevailing wind during times of high particulate readings was from a SSW direction, though light. Insufficient data was collected on the 30/4 due to a station power supply issue (which has since been resolved) the data that was collected indicates prevailing wind direction during times of high particulate readings was from the NNE. The mine site and associated mining activities are located due east of the monitoring station. This time period has seen the stocking of sheep in the immediate vicinity of the monitoring station, and seasonal cropping preparation and sowing activity by surrounding landholders.

Operational air quality management measures continued throughout April. Additional water carting across the mine site.

2. LEGAL REQUIREMENTS

Balranald Mineral Sands Mine (the Mine) is required by the following to minimise the generation or emission from the premises of wind-blown and traffic-generated dust and to monitor and report particulate matter concentrations:

- NSW Consolidated Development Consent SSD-5285 (MOD 4) (the Consent);
- NSW Environment Protection Licence (EPL) 20795; and
- Balranald Mineral Sands Mine Air Quality Management Plan

2.1 Regulatory criteria and methodology

Air quality monitoring at EPL Monitoring Point 13 is captured continuously with particulate matters PM₁₀ and PM_{2.5} in micrograms per cubic metre (µg/m³) and determined in accordance with Australian Standard 3580.9.11-2008.

The recorded data are assessed against the 24-hour incremental (short term) criteria outlined in Table 4 of the Consent and Conditions L4.1 and M2.2 of EPL 20795. A summarised table of the criteria is presented in the Table below.

Table 1 – Incremental (short term) impact assessment criteria for particulate matter monitoring.

Pollutant	Concentration Limit (Criterion ^b)	Averaging Period (Short Term)	Monitoring Frequency
Particulate matter < 10 µm (PM ₁₀)	50 µg/m ³	24-hour	Continuous
Particulate matter < 2.5 µm (PM _{2.5})	25 µg/m ³	24-hour	Continuous

Note: ^b Incremental impact i.e. incremental increase in concentrations due to the development on its own.



3. MONTHLY MONITORING SUMMARY

3.1 Air quality Performance (24hr period) – April 2026

The table below are the monthly air quality results collected from Balranald Mine’s air quality monitoring station EPL Monitoring Point 13.

Table 2 – Summary of air quality monitoring and meteorological data in April 2026.

24-hr Period Date	PM2.5 (µg/m ³)	PM10 (µg/m ³)	24-hr Average Wind Speed (km/hr)	Predominant Wind Direction/s	24-hr Average Temperature (°C)
1/04/2026	5.78	15.2	9.36	WNW	22.7
2/04/2026	7.22	14.01	7.70	S	22.2
3/04/2026	5.92	16.18	10.55	S	19.9
4/04/2026	4.63	17.11	9.04	S	17.8
5/04/2026	8.02	20.08	6.30	SE	20.6
6/04/2026	6.33	18.6	8.14	W	24.4
7/04/2026	2.28	18.24	12.78	WSW	21.2
8/04/2026	6.3	16.8	7.13	NW	19.8
9/04/2026	3.62	6.71	13.64	N	21.7
10/04/2026	1.13	13.55	12.89	W	19.6
11/04/2026	2.9	12.8	15.37	WSW	15.8
12/04/2026	5.73	15.64	15.91	WSW	15.6
13/04/2026	3.81	8.49	10.44	SW	15.8
14/04/2026	0.87	7.62	7.45	WSW	15.2
15/04/2026	1.15	8.44	4.07	WNW	15.8
16/04/2026	1.88	7.09	7.45	NNW	18.3
17/04/2026	3.25	16.14	11.92	SW	16.1
18/04/2026	5.4	15.94	n/a	n/a	12.3
19/04/2026	n/a	n/a	n/a	n/a	n/a
20/04/2026	n/a	n/a	n/a	n/a	n/a
21/04/2026	4.82	14.05	6.26	NE	20.1
22/04/2026	6.75	16.09	8.32	NE	19.0
23/04/2026	5.53	16	7.67	E	17.9
24/04/2026	5.45	28.27	9.00	ENE	17.9
25/04/2026	7.08	42.62	9.47	NE	19.3
26/04/2026	2.77	26.78	7.45	N	20.2
27/04/2026	10.9	84.63	4.54	SW	18.9
28/04/2026	5.99	49.13	4.36	S	19.3
29/04/2026	n/a	n/a	n/a	n/a	n/a
30/04/2026	14.53	94.65	n/a	n/a	19.9



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These monthly results were assessed against the mining activity schedule and analysed for correlations with regional air quality data from NSW Government air quality monitoring stations in the Far West Region and the Riverina-Murray Region. Broader local and regional activities, including those occurring on neighbouring properties, were also considered to provide context for the interpretation of the monitoring results.

Environmental news within the western region and interstate was also monitored for reported extraordinary weather events (such as bushfires, extreme heat, or increased wind conditions) that may have influenced air quality results during the month.

Figures 1 and 2 below show the daily average particulate matter concentrations, and the accompanying wind rose shows the directional origin, with the dust blowing towards Balranald Mine.

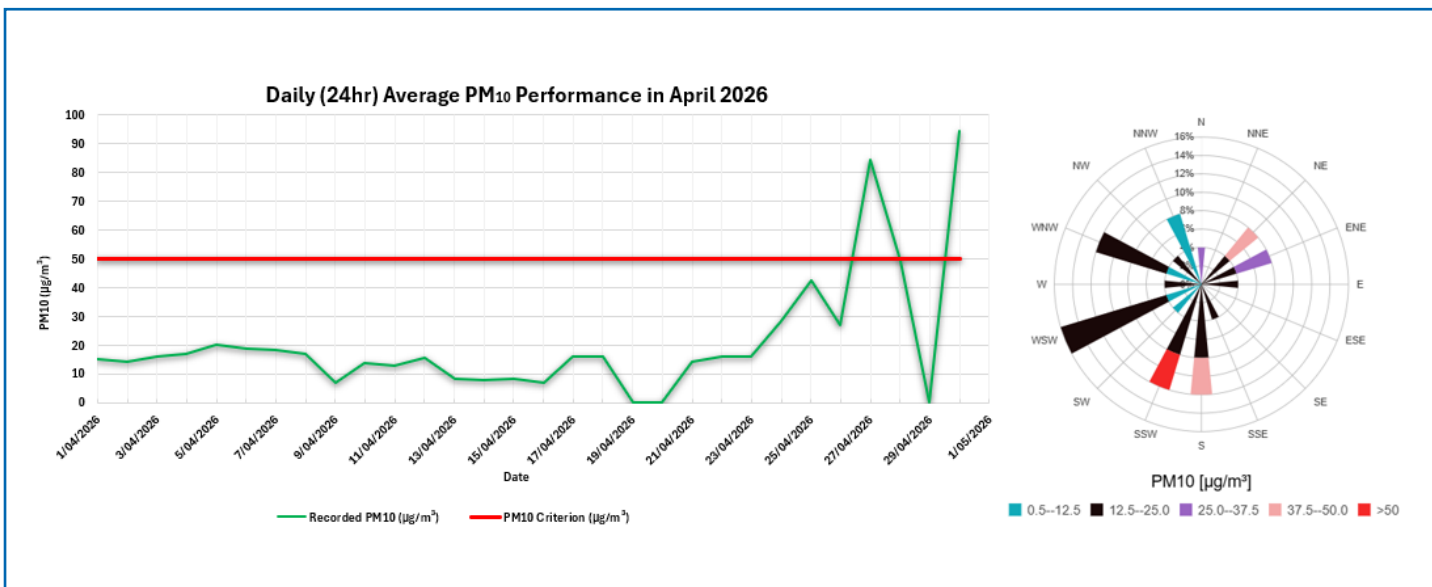


Figure 1 - Air quality performance of particulate matter PM₁₀ over a 24-hr average period in April 2026.

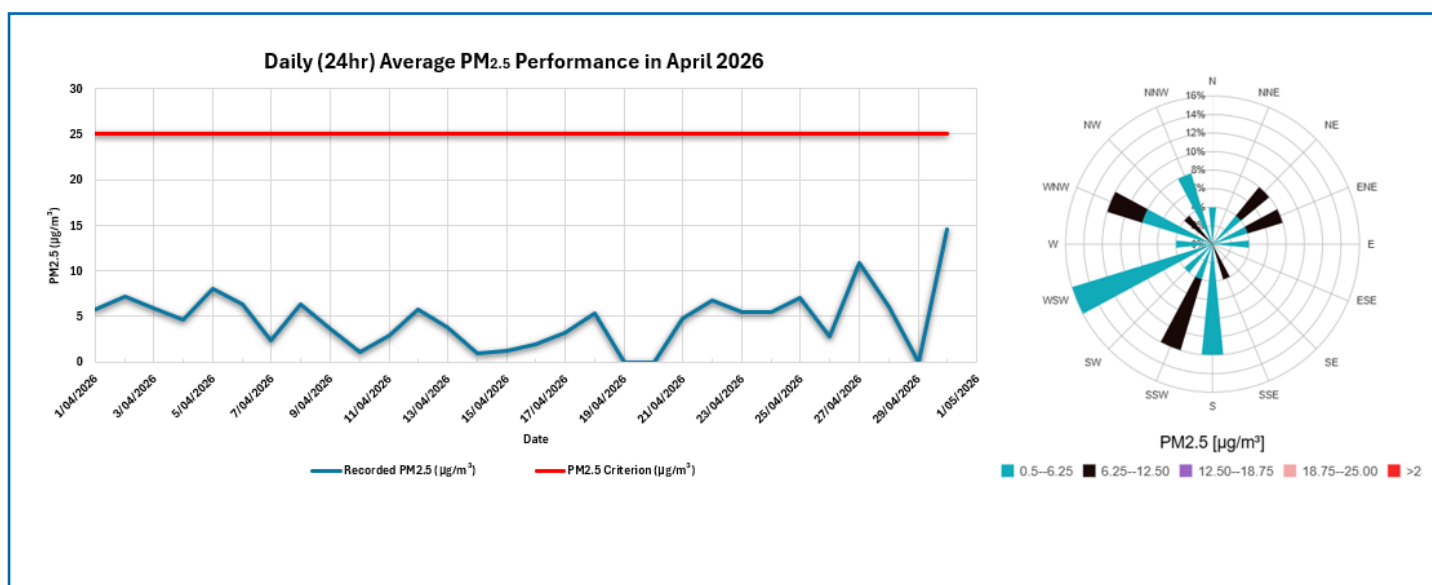


Figure 2 - Air quality performance of particulate matter PM_{2.5} over a 24-hr average period in April 2026.



3.2 Exceedances and Incidents Summary

The table below is the summary of exceedances recorded at EPL Monitoring Point 13, known local or regional air quality events impacting air quality performance of, and any actions undertaken taken by, Balranald Mine.

Table 3 – Summary of air quality exceedances recorded in April 2026.

Date	Pollutant	Value (µg/m³)	Exceedance Comments	Notification Status to NSW EPA	Impact on Annual Compliance Reporting
27/04/2026	PM10	84.63	Dust exceedances occurred overnight and was verified as not mine activity related. Timing of dust elevation coincides with a period of light winds and sheep stocking in the immediate area. Timing (night) of elevated records, weather conditions and water supply being located within 50m of the station, correlate with dust generated by sheep activity.	No external notification required; internal records maintained	While the exceedance is not caused by the Mine’s activities, the overall annual non-compliance reporting is expected to see minor impact.
30/04/2026	PM10	94.65	Dust exceedances occurred overnight and was verified as not mine activity related. Timing of dust elevation coincides with a period of light winds and sheep stocking in the immediate area. Timing (night) of elevated records, weather conditions and water supply being located within 50m of the station, correlate with dust generated by sheep activity.	No external notification required; internal records maintained	While the exceedance is not caused by the Mine’s activities, the overall annual non-compliance reporting is expected to see minor impact.

3.3 Complaints Summary

No dust reported complaints in April 2026.

4. REPORTING

In accordance with **Schedule 5, Access to Information (condition 10)** of the Consent monthly air quality reports are published each month on the Balranald Mine’s website: [Balranald - Community Engagement | Iluka Resources](#).

5. DOCUMENT CONTROL

Revision	Date	Details	Author/s	Approver
1.0	24/05/2026	Final Report	C Eckersley, Env Advisor R Calley, Rehab Advisor	B Isaacs, ERCR Superintendent