

1. MONTHLY REPORT SUMMARY

No air related dust complaints were received this 2026.

Continuous air quality monitoring for this month achieved 100% real-time data capture. Particulate concentration results were within compliance limits.

Operational air quality controls continued throughout the month, including daily water carting across the site, and work suspension during winds above 35 km/hr.

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) – June 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 June 2026.

24-hr Period Monitoring Date	PM2.5 (µg/m³)	PM10 (µg/m³)	24-hr Average Wind Speed (km/hr)	Predominant Wind Direction	24-hr Average Temperature (°C)
24:00 01/06/2026	1.8	2.51	14.93	NNE	11.09
24:00 02/06/2026	3.01	4.69	13.94	NW	14.91
24:00 03/06/2026	2.05	6.73	14.37	WNW	13.29
24:00 04/06/2026	3.02	6.04	13.22	W	10.92
24:00 05/06/2026	2.84	7.39	11.49	WSW	10.05
24:00 06/06/2026	3.86	6.68	5.38	W	11.06
24:00 07/06/2026	2.22	3.95	3.59	NNE	12.48
24:00 08/06/2026	2.45	2.53	7.43	ENE	10.96
24:00 09/06/2026	5.38	3.47	13.83	NE	14.55
24:00 10/06/2026	3.83	4.95	9.82	N	15.60
24:00 11/06/2026	5.08	4.99	8.51	E	14.91
24:00 12/06/2026	1.9	2.63	11.28	NE	14.96
24:00 13/06/2026	2.31	2.08	10.3	N	15.53
24:00 14/06/2026	2.29	6.48	8.27	S	13.64
24:00 15/06/2026	5.05	4.3	7.7	E	13.97
24:00 16/06/2026	1.8	4.37	10.77	NE	16.04
24:00 17/06/2026	1.33	4.25	11.72	NE	17.17
24:00 18/06/2026	1.19	2.24	14.59	N	14.54
24:00 19/06/2026	0.03	3.15	12.23	NNW	12.08
24:00 20/06/2026	2.39	4.14	7.4	WSW	11.49
24:00 21/06/2026	1.4	6.24	6.26	SSW	10.39
24:00 22/06/2026	1.74	2.24	4.24	WNW	7.92
24:00 23/06/2026	0.72	2.76	2.91	SW	8.61
24:00 24/06/2026	3.29	2.21	4.62	SSW	8.53
24:00 25/06/2026	1.93	2.56	6.48	SE	7.06
24:00 26/06/2026	4.39	3.7	8.98	SSE	9.26
24:00 27/06/2026	3.45	3.77	7.43	SE	12.36
24:00 28/06/2026	3.62	2.61	8.28	E	11.14
24:00 29/06/2026	2.97	0.79	10.34	NE	14.36
24:00 30/06/2026	-0.03	2.29	11.43	NNW	14.83

These monthly results were assessed against the mining activity schedule and then analysed for correlations with the regional air quality data from NSW Government air quality monitoring stations in the **Far West Region** and the **Riverina-Murray Region**.

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

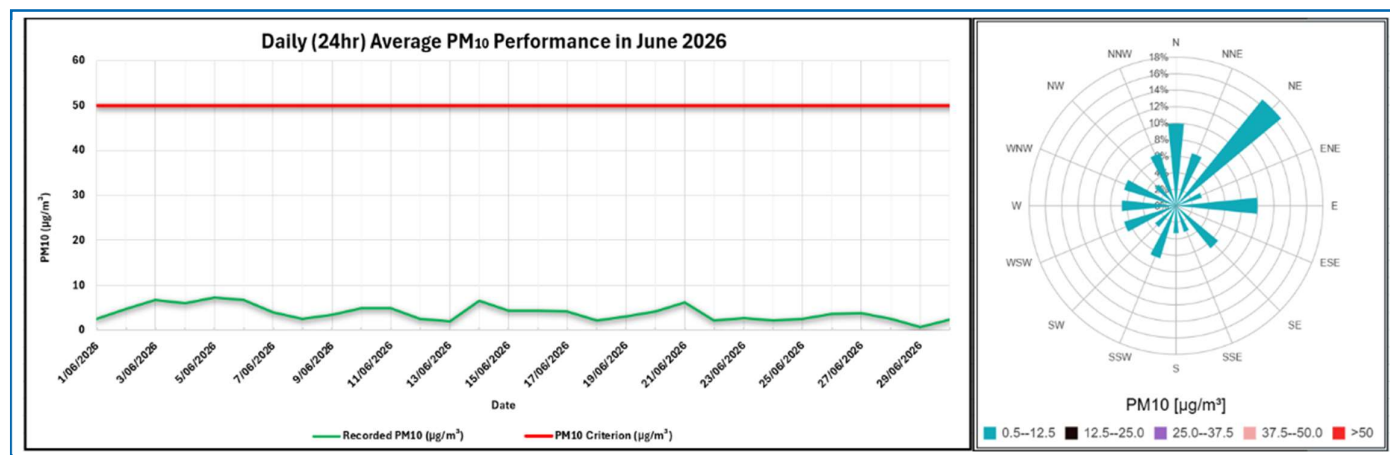


Figure 1 - Air quality performance of particulate matter PM10 over a 24-hr average period in June 2026.

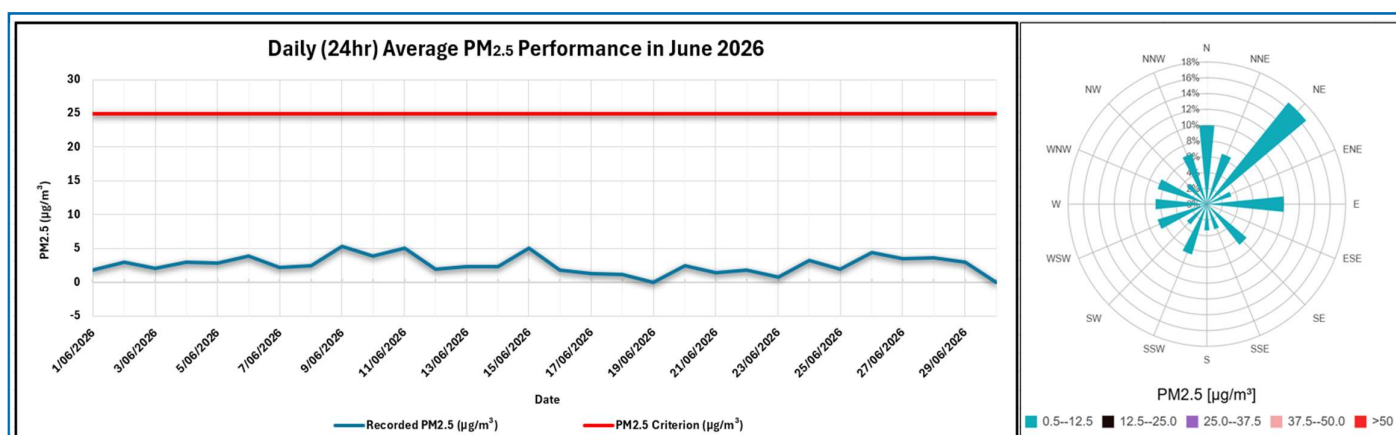


Figure 2 - Air quality performance of particulate matter PM2.5 over a 24-hr average period in June 2026.

3.2 Exceedances and Incidents Summary

All monitoring results were within compliance limits.

3.3 Complaints Summary

No dust reported complaints in June 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	Approver
1.0	01/07/2026	Final Report	C Eckersley, Env Advisor	B Isaacs, ERCR Superintendent