

1. MONTHLY REPORT SUMMARY

No air related dust complaints were received this February 2026.

Continuous air quality monitoring was undertaken throughout this month. PM₁₀ concentrations exceeded the 24-hour 50 µg/m³ criterion on two occasions this month. Both exceedances were not caused by Balranald Mine’s operational activities.

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 did not cause the exceedances but was instead caused by dust storm events in outback NSW.

Operational air quality management measures continued throughout February. Additional water carting across the mine site and temporary suspension of work activities during high wind conditions were implemented this month. Water used for dust suppression were mixed with liquid polymers (*Dust-a-Side Hydrotac*) and strategically applied on haul roads and at high traffic areas.

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) – February 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 February 2026.

24-hr Period Date	PM2.5 (µg/m ³)	PM10 (µg/m ³)	24-hr Average Wind Speed (km/hr)	Predominant Wind Direction	24-hr Average Temperature (°C)
24:00 01/02/2026	9.6	84.63	26.6	SSW	23.7
24:00 02/02/2026	4.65	23.69	16.1	SSE	20.9
24:00 03/02/2026	7.86	23.68	12.5	E	25.2
24:00 04/02/2026	7	28.53	11.3	NNW	30.5
24:00 05/02/2026	6.82	26.57	11.8	SSW	28.6
24:00 06/02/2026	6.39	19.99	9.3	S	30.4
24:00 07/02/2026	8.75	26.99	13.9	NNE	28.9
24:00 08/02/2026	2.12	6.41	9.1	E	27.7
24:00 09/02/2026	6.41	18.37	9.8	WSW	30.6
24:00 10/02/2026	8.55	32.56	8.4	SSW	30.1
24:00 11/02/2026	20.37	134.58	16.6	NNW	31.3
24:00 12/02/2026	5.51	34.98	21.3	SSW	20.3
24:00 13/02/2026	5.75	19.86	13.8	S	21.5
24:00 14/02/2026	8.66	17.53	10.0	SE	26.1
24:00 15/02/2026	6.62	21.82	9.3	ENE	27.5
24:00 16/02/2026	1.27	16.16	12.0	ENE	28.7
24:00 17/02/2026	8.19	45.27	14.1	N	28.6
24:00 18/02/2026	5.55	32.07	14.5	SW	22.0
24:00 19/02/2026	8.07	26.77	9.3	SSW	23.5
24:00 20/02/2026	8.99	48.34	8.5	S	28.3
24:00 21/02/2026	3.98	40.02	7.7	E	30.8
24:00 22/02/2026	8.54	13.56	9.2	NNE	27.5
24:00 23/02/2026	5.1	8.41	10.6	S	25.3
24:00 24/02/2026	6.89	13.94	14.0	N	27.9
24:00 25/02/2026	1.97	7.33	7.5	S	24.2
24:00 26/02/2026	7.76	13.21	9.0	S	26.4
24:00 27/02/2026	2.89	13.89	13.1	E	29.7
24:00 28/02/2026	6.27	22.51	15.7	E	29.0

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



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Environment news within the western region and interstate were also monitored for any reported extraordinary weather events (i.e. bushfires, extreme heat, increasing wind conditions) that may contribute to poor 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.

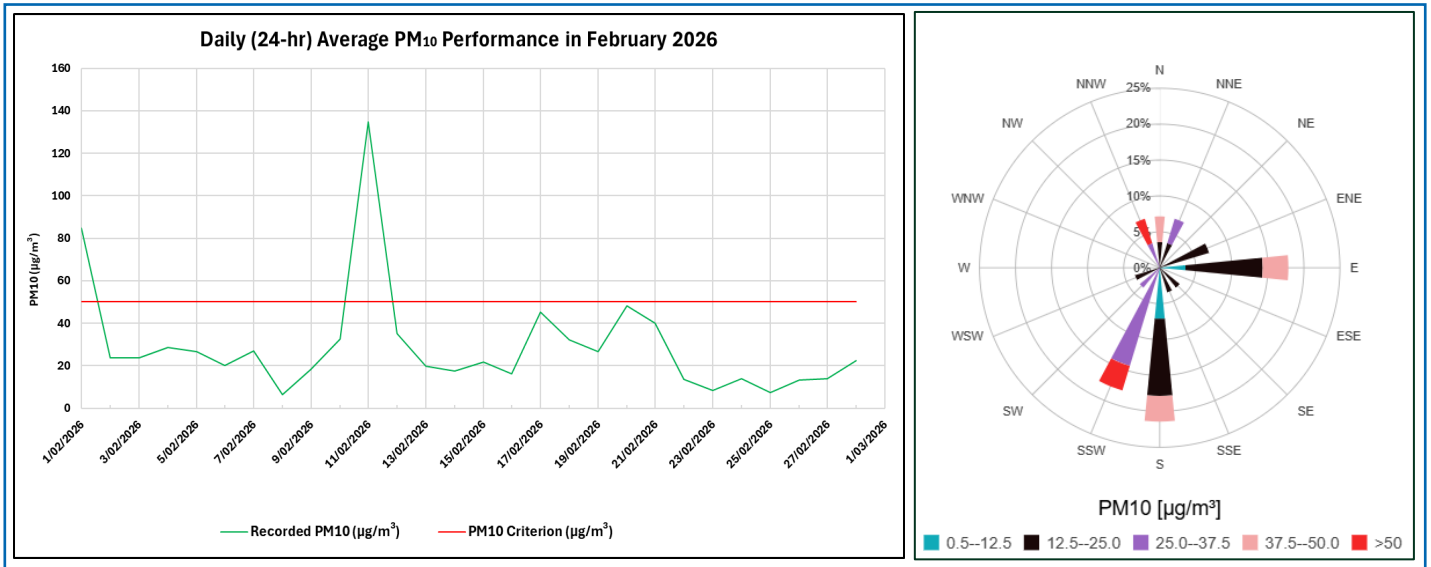


Figure 1 - Air quality performance of particulate matter PM10 over a 24-hr average period in February 2026.

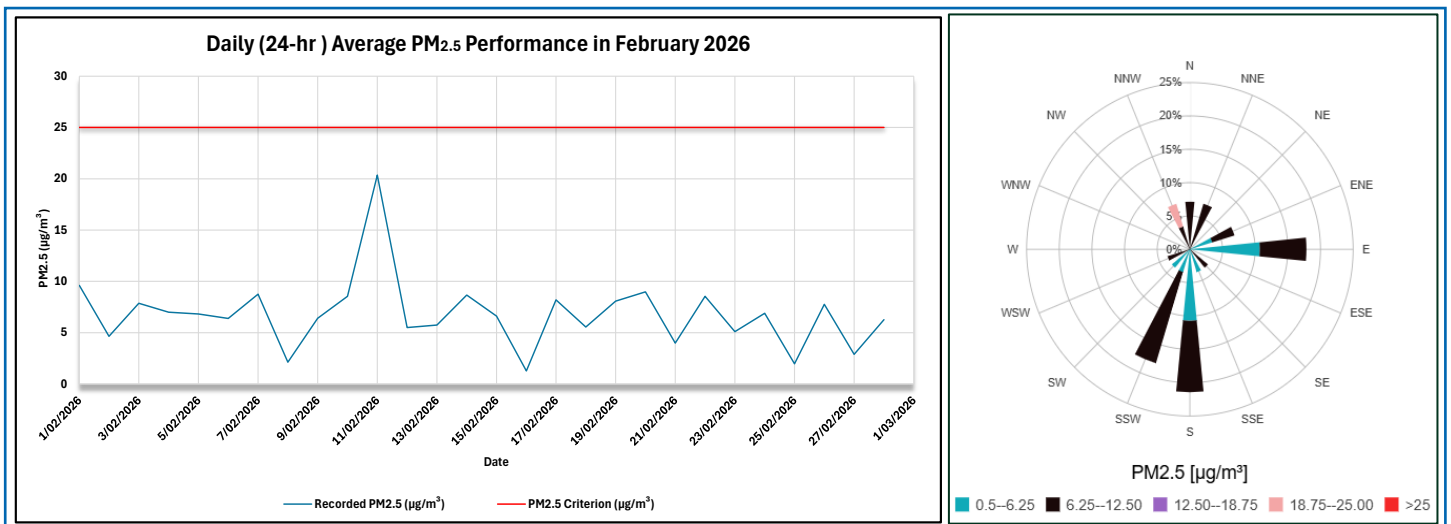


Figure 2 - Air quality performance of particulate matter PM2.5 over a 24-hr average period in February 2026.



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 February 2026.

Date	Pollutant	Value (µg/m ³)	Exceedance Comments	Notification Status to NSW EPA	Impact on Annual Compliance Reporting
01/02/2026	PM10	84.63	Exceedance verified as not mine activity related. Major regional dust storm from Far West NSW since January 2026 continue to move across the state, affecting regional air quality.	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 be impacted due to the extraordinary event.
11/02/2026	PM10	134.58	Dust exceedances occurred overnight and was verified as not mine activity related. Similar high wind events resulting in poor air quality were also experienced by neighbouring local government area within the region.	No external notification required; internal records maintained	No non-compliance implications were identified for the mine Overall annual non-compliance reporting is expected to be impacted due to the high wind event

3.3 Complaints Summary

No dust reported complaints in February 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	06/02/2026	Final Report	C Eckersley, Env Advisor	B Isaacs, ERCR Superintendent