

1. MONTHLY REPORT SUMMARY

No air related dust complaints were received this January 2026.

Continuous air quality monitoring was undertaken throughout this month. There were four (4) days recorded above the 50 µg/m³ Particulate matter (PM₁₀) limit (compared to eight exceedances in 2025). Work activities onsite were compared with the collected air quality and meteorological data, and meteorological conditions within the region.

Particulate exceedances were from regional dust storm events and were not mine site related.

Operational air quality management measures. Water carting across the mine site and temporary suspension of work activities during high wind conditions were implemented this month.

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) – January 2026

The table below was taken from Balranald Mine’s air quality monitoring station EPL Monitoring Point 13.

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

24hr Period Date	PM2.5 (µg/m³)	PM10 (µg/m³)	Wind Speed (km/hr)			Wind Direction	Temp (°C)
			Avg	Min	Max		
24:00 01/01/2026	9.21	18.47	13.0	8.7	13.0	S	22.8
24:00 02/01/2026	10.36	21.83	8.6	7.9	11.2	SE	28.2
24:00 03/01/2026	5.6	22.62	11.2	11.2	13.9	S	30.4
24:00 04/01/2026	10.07	31.29	14.0	14.0	17.5	SSW	29.1
24:00 05/01/2026	4.06	47.64	16.7	7.0	16.7	S	26.7
24:00 06/01/2026	3.69	12.03	7.0	6.8	9.5	S	29.2
24:00 07/01/2026	5.31	15.56	9.4	9.0	15.4	NNE	34.3
24:00 08/01/2026	6.05	19.12	15.4	15.4	22.2	N	36.8
24:00 09/01/2026	22.91	59.57	21.6	18.3	22.1	NNW	37.2
24:00 10/01/2026	16.9	53.61	18.9	17.0	20.1	SW	24.6
24:00 11/01/2026	12.47	28.11	17.0	9.1	17.0	S	21.6
24:00 12/01/2026	11	22.54	9.4	9.3	12.9	SSW	24.3
24:00 13/01/2026	18.04	34.71	12.9	11.7	13.6	SSW	27.0
24:00 14/01/2026	12.55	26.27	11.9	9.4	14.8	SSW	27.1
24:00 15/01/2026	12.75	37.13	14.8	14.8	20.6	SW	26.2
24:00 16/01/2026	5.05	21.34	15.8	14.4	17.0	S	25.3
24:00 17/01/2026	6.04	43.15	17.0	17.0	18.6	ESE	28.1
24:00 18/01/2026	4.54	25.61	17.5	15.8	17.6	E	27.5
24:00 19/01/2026	2.23	24.72	16.3	11.0	16.7	ENE	28.6
24:00 20/01/2026	6.57	13.08	10.9	9.6	16.6	ESE	29.1
24:00 21/01/2026	7.92	47.99	16.7	16.7	22.0	SSW	27.4
24:00 22/01/2026	6.07	44.35	17.1	6.9	17.1	S	21.2
24:00 23/01/2026	5.17	15.77	6.9	5.6	6.9	S	24.3
24:00 24/01/2026	6.7	17.65	6.9	6.9	17.0	NE	30.4
24:00 25/01/2026	8.67	41.85	17.0	7.7	17.0	NW	36.1
24:00 26/01/2026	17.3	31.72	7.7	7.5	10.4	S	34.5
24:00 27/01/2026	11.12	33.09	10.0	10.0	19.2	E	37.8
24:00 28/01/2026	19.68	86.43	18.9	12.6	18.9	SSW	35.0
24:00 29/01/2026	12.18	37.7	12.7	11.6	12.8	SSE	33.6
24:00 30/01/2026	10.02	31.54	12.0	10.2	14.4	S	36.5
24:00 31/01/2026	24.32	167.97	14.4	14.4	27.3	SSE	35.8



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The collected data were analysed together with the air quality data obtained from the nearest NSW Government air quality monitoring stations for the **Far West Region** (Euston) and the **Riverina-Murray** (Kyalite). Environment news within the western region and interstate were also monitored for any reported extraordinary weather events (ie bushfires, extreme heat, increasing wind conditions) that may contribute to poor air quality results.

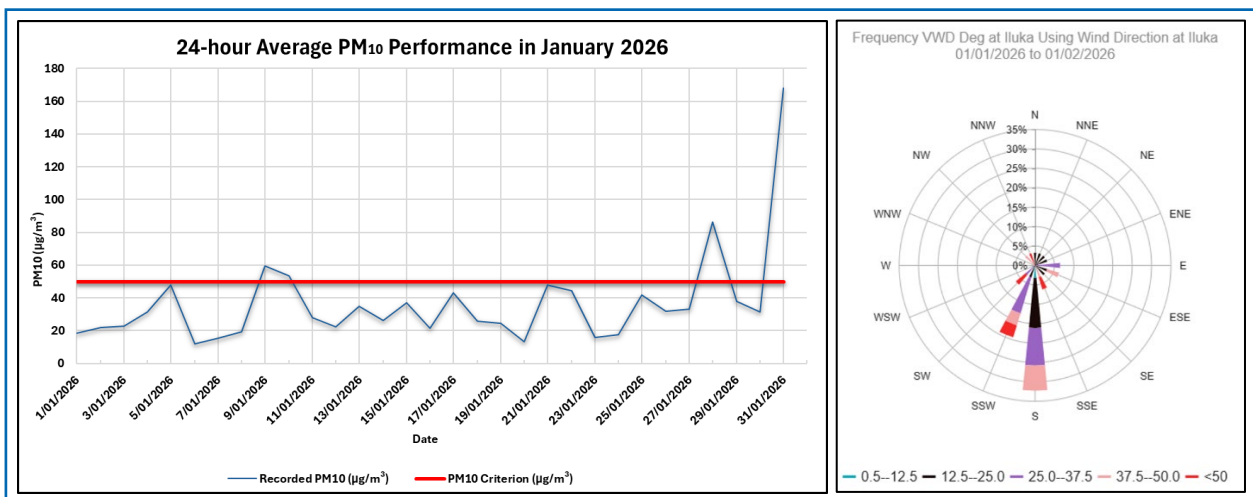


Figure 1 - Air quality performance of particulate matter PM₁₀ over a 24-hr average period in January 2026.

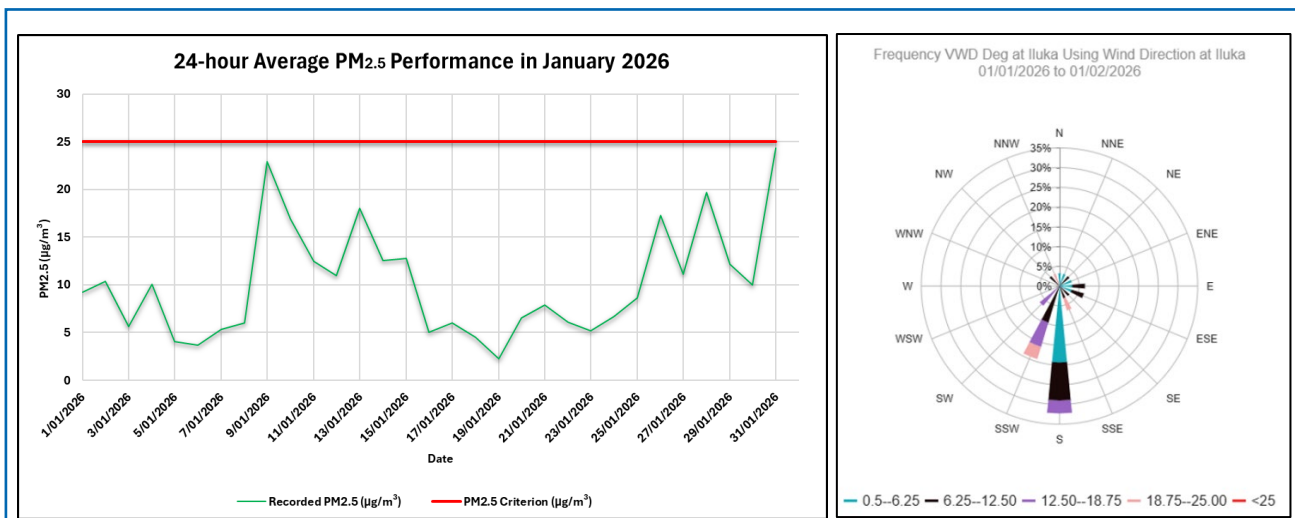


Figure 2 - Air quality performance of particulate matter PM_{2.5} over a 24-hr average period in January 2026.

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 January 2026.

Date	Pollutant	Value (µg/m ³)	Exceedance Comments	Notification Status to NSW EPA	Impact on Annual Compliance Reporting
09/01/2026	PM ₁₀	59.57	Exceedance verified as not mine activity related.	No external notification required; internal record maintained	No non-compliance implications were identified for the mine
10/01/2026	PM ₁₀	53.61	Southerly and South-westerly wind transported dust and smoke of the Victorian bushfire into Western NSW impacting overall air quality of Balranald NSW.		
28/01/2026	PM ₁₀	86.43	Exceedance verified as not mine activity related.	No external notification required; internal record maintained	No non-compliance implications were identified for the mine
31/01/2026	PM ₁₀	167.97	Major regional dust storm with dust plumes in Far West NSW moving eastward		

3.3 Complaints Summary

No reported complaints in January 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, ECR Superintendent