1. MONTHLY REPORT SUMMARY

No air related dust complaints were received this September 2026.

Continuous air quality monitoring was undertaken throughout this month. No exceedances of $PM_{2.5}$ and PM_{10} concentrations occurred.

Tipping rain data were unavailable from 1 to 17 September 2026 at the Mine's weather station due to a power outage resulting from the storm event of 20 August 2026. Similarly, rainfall records from Balranald RSL's Bureau of Meteorology (BOM) Station 049002 were incomplete during this period.

Engineering solutions to improve the reliability and resilience of the weather station power supply are currently being investigated to prevent similar outages in the future.

Operational air quality management measures continued throughout September. While the maximum daily average wind speed this month was 20km/hr, water carting across the site was carried out. Dust suppression schedule is in place ahead of the upcoming season with dedicated liquid polymers to be used and strategically applied throughout the mine site infrastructure and roads.

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 PM_{10} and $PM_{2.5}$ in micrograms per cubic metre ($\mu g/m^3$) 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 $\mu g/m^3$	24-hour	Continuous
Particulate matter < 2.5 µm ($PM_{2.5}$)	25 $\mu g/m^3$	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) – September 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 September 2026.

24-hr Period Date	PM2.5 (µg/m³)	PM10 (µg/m³)	24-hr Average Wind Speed (km/hr)	Predominant Wind Direction	24-hr Average Temperature (°C)	Rainfall (mm)
24:00 01/09/2026	3.23	9.9	9.08	NNW	17.304	NoData
24:00 02/09/2026	4.96	7.82	5.3	W	17.164	NoData
24:00 03/09/2026	1.16	7.22	8.73	WNW	14.79	NoData
24:00 04/09/2026	3.77	5.94	9.69	NE	15.349	NoData
24:00 05/09/2026	1.99	9.29	20.05	WNW	17.64	NoData
24:00 06/09/2026	3.23	7.92	7.61	SW	13.252	NoData
24:00 07/09/2026	1.51	3.55	11.68	SSW	12.535	NoData
24:00 08/09/2026	3	7.21	6.75	SSW	12.565	NoData
24:00 09/09/2026	3.03	13.36	15.63	SSW	12.484	NoData
24:00 10/09/2026	6.35	12.3	9.6	SSE	12.983	NoData
24:00 11/09/2026	5.88	12.1	6.2	ESE	14.457	NoData
24:00 12/09/2026	5.52	8.92	8.64	ENE	18.055	NoData
24:00 13/09/2026	7.54	12.5	11.02	NE	18.045	NoData
24:00 14/09/2026	2	17.7	10.86	WSW	16.348	NoData
24:00 15/09/2026	1.1	11.5	15.55	SW	13.447	NoData
24:00 16/09/2026	3.17	8.63	12.08	SSW	10.14	NoData
24:00 17/09/2026	4.17	7.99	7.05	S	11.235	NoData
24:00 18/09/2026	2.15	6.34	5.67	NW	14.906	0
24:00 19/09/2026	3.22	5.43	6.42	NNW	18.538	0
24:00 20/09/2026	4.04	10.96	14.03	NNW	21.682	0
24:00 21/09/2026	5.89	15.8	13.42	SSW	14.858	0
24:00 22/09/2026	3.88	10.41	9.43	S	12.912	0
24:00 23/09/2026	5.45	12.39	8.7	SE	17.889	0
24:00 24/09/2026	6.44	12.68	8.35	E	22.584	0
24:00 25/09/2026	5.3	13.04	9.31	NNE	25.12	0
24:00 26/09/2026	7.18	16.81	12.03	S	21.075	0
24:00 27/09/2026	1.28	9.65	12.43	SSW	14.805	0
24:00 28/09/2026	4.99	7.27	7.36	SE	18.087	0
24:00 29/09/2026	3.5	15.27	12.38	ENE	21.12	0
24:00 30/09/2026	5.47	13.47	11.66	**NE**	24.228	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). Monthly data were determined to be similar to air quality results of neighbouring regions.

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.

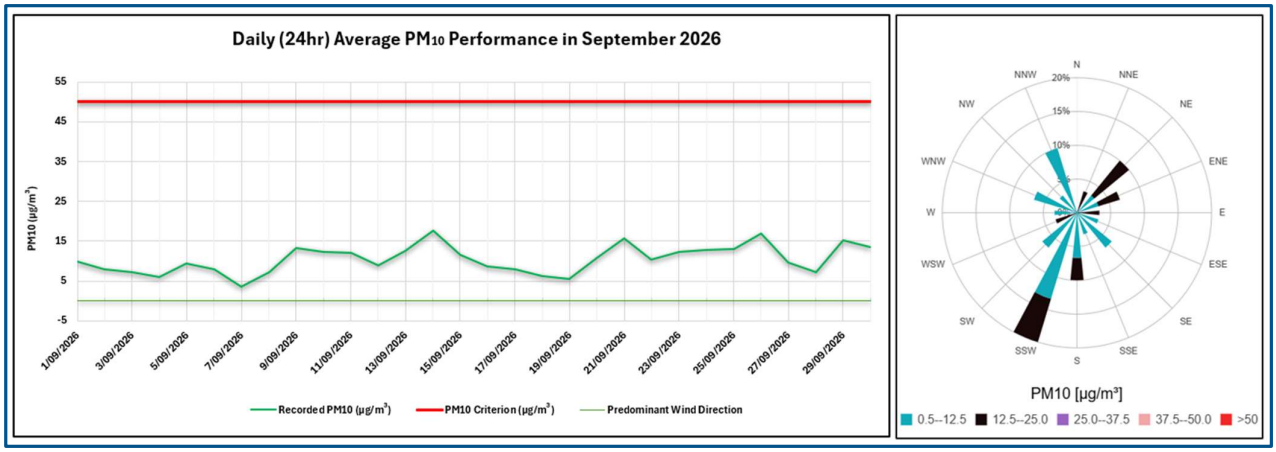


Figure 1 - Air quality performance of particulate matter PM10 over a 24-hr average period in September 2026.

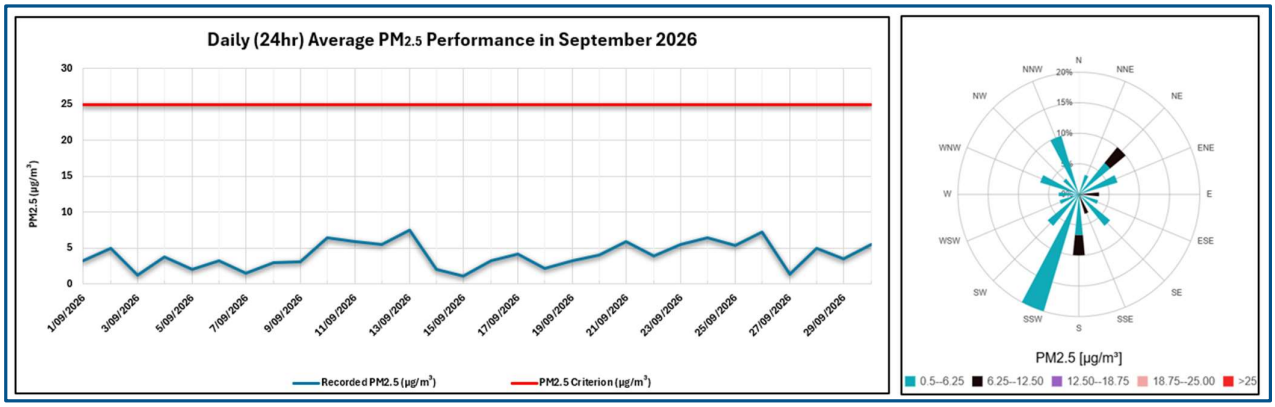


Figure 2 - Air quality performance of particulate matter PM2.5 over a 24-hr average period in September 2026.

3.2 Summary of Incidents and Non-Compliances

No air quality-related non-compliances were recorded at EPL monitoring point 13 during this month.

3.3 Complaints Summary

No dust reported complaints in September 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	Reviewer /Approver
1.0	20/10/2026	Draft Report	J Longson, Env Advisor	C Eckersley, Env Advisor
1.1	**24/10/2026**	**Final Report**	**C Eckersley, Env Advisor**	