

Mount Pleasant Operation Monthly Environmental Monitoring Report

1. Introduction

The Mount Pleasant Operation (MPO) is located in the Upper Hunter Valley of New South Wales, approximately three kilometres (km) north-west of Muswellbrook and approximately 50 km north-west of Singleton. The villages of Aberdeen and Kayuga are located 12 km north-northeast and 3 km north of the operations, respectively.

The purpose of this report is to provide a monthly update of monitoring data in accordance with the requirements of NSW Environmental Protection Licence (EPL) 20850, Section 66(6) of the *Protection of the Environment Operations Act 1997 (POEO Act*) and the MPO Development Approval (DA 92/97).

Table 1-1 – Mount Pleasant Operation

Name of Operation	Mount Pleasant Operation
Name of Licensee	MACH Energy Australia Pty Ltd
Environmental Protection Licence	20850
Project Approval	DA 92/97
Reporting Period Start Date	1 October 2022
Reporting Period End Date	31 October 2022
Date All Data Received	8 December 2022

Links to two key regulatory documents are provided here:

- MACH Energy Environment Protection Licence EPL 20850; and
- Mount Pleasant Operation Development Application Approval DA 92/97.

2. Monitoring Requirements

The MPO EPL 20850 specifically requires the monitoring of:

- 2 x Palas Fidas Air Quality Monitoring sites;
- Noise monitoring;
- Blast monitoring; and
- Meteorological monitoring.

Monitoring of sites not required by the EPL are carried out in accordance with MPO *Environmental Monitoring Program (EMP)* and Project Approval (DA 92/97).

All monitoring is undertaken by suitably qualified and experienced person(s).

The MPO Environmental Monitoring Network is shown in the following figures:

- Figure 2-1 shows MPO attended noise monitoring locations and Noise Assessment Groups (NAGs);
- Figure 2-2 shows the MPO Air Quality Monitoring network;
- Figure 2-3 shows the MPO Blast Monitoring Locations;
- Figure 2-4 shows the MPO Groundwater Monitoring network; and
- Figure 2-5 shows the MPO Surface Water Monitoring network.

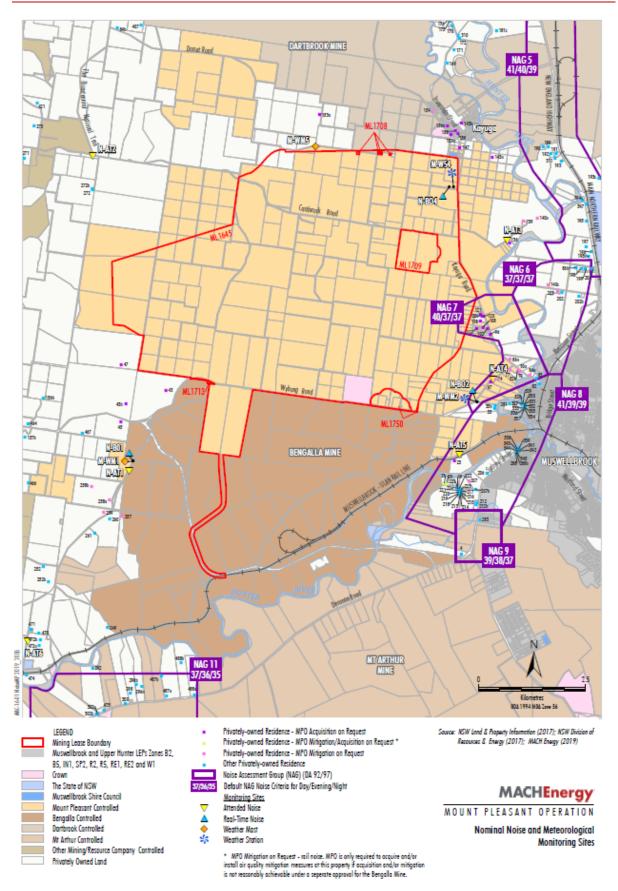
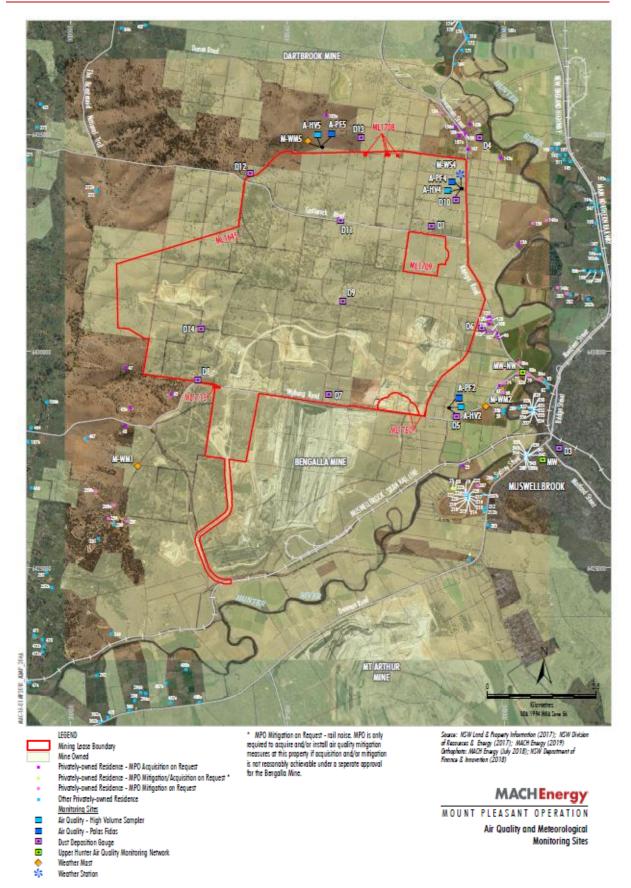


Figure 2-1 – MPO Attended Noise Monitoring Assessment Groups and Locations





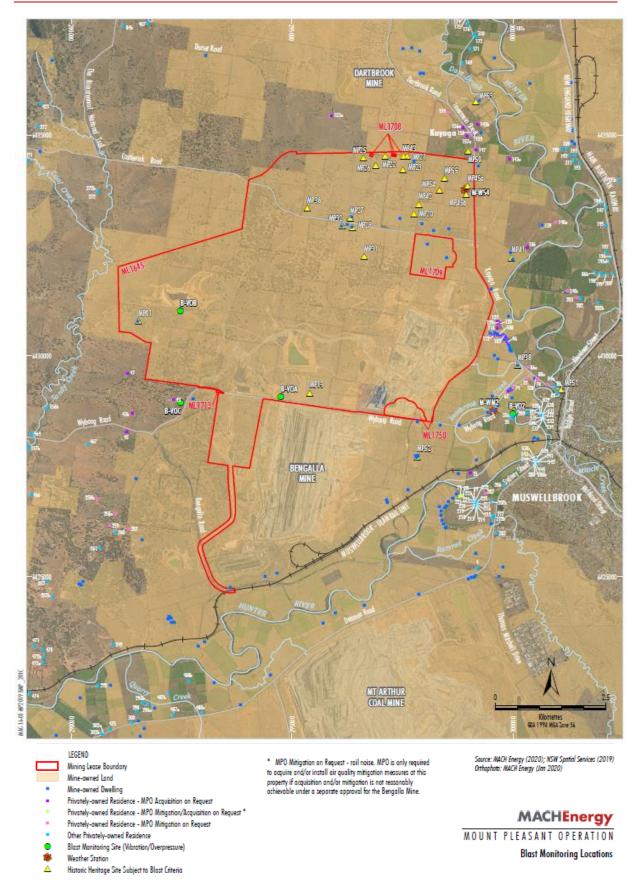


Figure 2-3 – MPO Blast Monitoring Locations

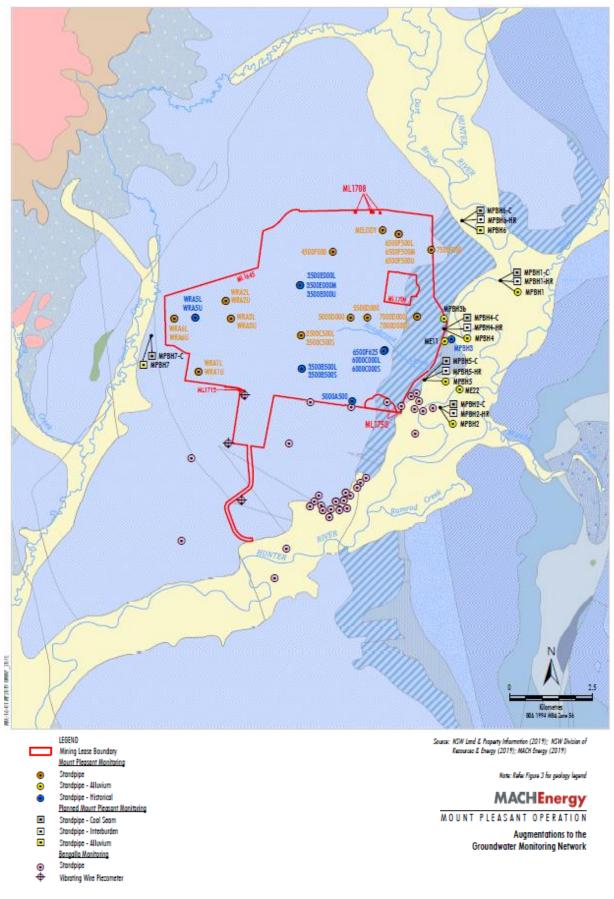
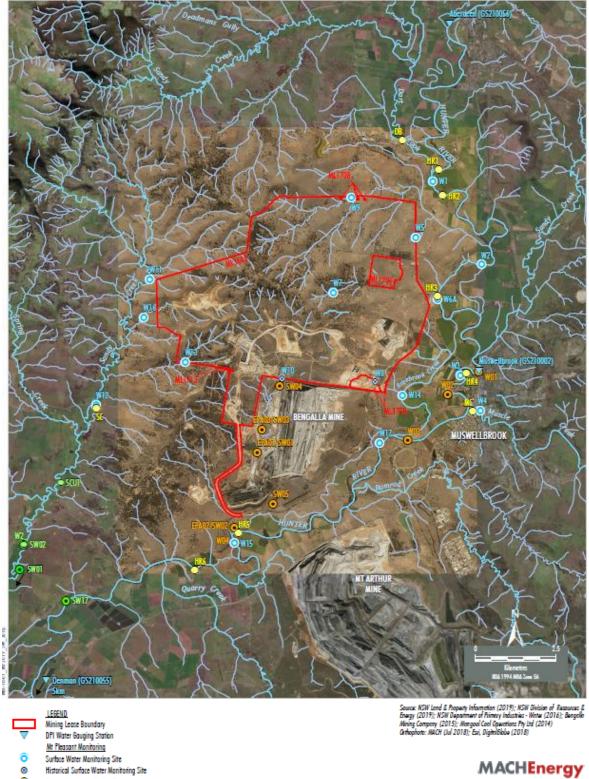


Figure 2-4 – MPO Groundwater Monitoring Network



Ó Stream Health Monitoring Site Manacola Monitorina ົ Surface Water Monitoring Site 0 Stream Health Monitoring Site Bengalla Monitoring 0

Surface Water Monitoring Site

MOUNT PLEASANT OPERATION Surface Water and Stream Health Monitoring Sites

Figure 2-5 – MPO Surface Water Monitoring Network

3. Meteorological Monitoring

Weather data is measured continuously at the Kayuga Road (M-WS4) and the Wybong Road (M-WS2) meteorological stations. In addition to air quality parameters (PM_{10} and $PM_{2.5}$), the weather stations measure wind speed and direction, temperature (at 2 m and 10 m), temperature inversion (using the sigma theta method), solar radiation, relative humidity, rainfall, and atmospheric pressure.

The majority of meteorological data was captured at M-WS2 (>96.1%) during October 2022 (the monitoring period), with the exception of solar radiation parameters (94.8%) The majority of data for these meteorological parameters was captured at M-WS4 (95.8%) during the monitoring period.

Throughout October 2022, there was 129.2 and 111.2mm of rainfall recorded at M-WS2 and M-WS4, respectively.

4. Dust Depositional Monitoring

4.1 Methodology

Dust deposition was monitored according to the OEH's Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales (DECC 2007), which references Australian Standard (AS)/New Zealand Standard (NZS) 3580.10.1:2016 Methods for Sampling and Analysis of Ambient Air: Determination of particulate matter – Deposited matter – Gravimetric Method. The dust deposition monitoring network comprises of 13 dust deposition gauges (DDG). Details of the monitoring locations are shown in **Figure 2-2**.

DDG samples can be contaminated by a variety of means, notably by the presence of insects and bird droppings. Results for contaminated gauges were not included in the calculation of the annual averages as this would result in skewed or misleading results for the purpose of dust deposition assessment. The Australian Standard does not provide criteria for the determination of contamination of a DDG. A gauge sample is determined by AECOM to be contaminated only after reference to field observation sheets, historical monitoring location data, laboratory notes and results, prevailing atmospheric conditions, and feedback from field technicians. For example, a gauge sample with a statistically abnormally high insoluble solids result, a low ash residue result (indicating a high level of organic matter) and field notation that bird droppings or insects were present is likely to be considered contaminated.

4.2 Results

The dust deposition exposure period for gauges commenced on 16 September 2022. Sample collection was undertaken on 17 October 2022 by AECOM with sample analysis performed by ALS, a National Accreditation and Testing Authority (NATA) accredited laboratory. Results are summarised in **Table 4-1**. Annual rolling averages for October 2022 have been provided as an indication of performance between October 2021 – October 2022 and does not represent annual average results for 2022 as per Schedule 3, Condition 20 of DA 92/97.

Location	YTD Insoluble Solids (g/m².month)	Insoluble Solids Annual Rolling Average (g/m².month)
D1	2.3	2.4
D3*	-	-
D4	1.0	1.0
D5a	2.1	2.2
D6	1.4	1.6
D7b	6.5	6.6
D8	3.2	3.3
D9a	2.1	2.0
D10	0.9	1.0
D11	1.7	1.8
D12	0.6	0.7
D13	1.1	1.1
D14	2.9	2.9
Criterion	-	4

Table 4-1: Dust Depositional Results – October 2022

Notes:

Results in **bold** indicate an elevated measurement of adopted assessment criteria

**Indicates result unavailable due to contaminated depositional dust gauges for YTD

Contaminated results, as described in Section 4.1, are not included in the 12-month rolling average. Site D7b is located within close proximity to the northern boundary of a neighbouring mining operation and thus can be influenced by this site. D7b will continue to be monitored, however will not be used to assess compliance or to represent residential receivers in the area. Furthermore, there are no privately-owned receivers in the vicinity of D8 and D14. Whilst these sites do not represent residence(s) on privately-owned land, they will continue to be monitored in accordance with the *MPO Air Quality and Greenhouse Gas Management Plan* (MACH Energy, 2019).

Field notes from the October sampling event noted that all the gauges contained insects with one gauge also containing bird droppings. There was insufficient evidence of contamination in all depositional dust gauges to justify any being deemed contaminated. All October 2022 insoluble solid results were included in the annual rolling average calculations.

Figure 4-1 compares the monthly insoluble solids results to the annual averages for each dust gauge and the assessment criterion.

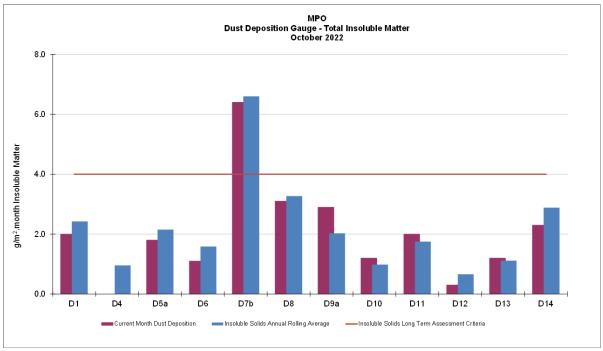


Figure 4-1: MPO Dust Deposition Monthly Results and Annual Rolling Average – October 2022

5. Total Suspended Particulates

All High Volume Air Samplers (HVAS) are run for 24 hours every six days in accordance with AM-15 of Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales (DECC, 2007), referencing AS/NZS 3580.9.3:2015 Methods for sampling and analysis of ambient air – Determination of suspended particulate matter – Total suspended particulate matter (TSP) - High volume sampler gravimetric method, for the monitoring of TSP.

Three TSP HVAS units are included in the MPO air quality monitoring network and are displayed in **Table 5-1** below. These units were commissioned in March 2017.

ID	Description
A-PF2	Reilly's
M-WS4	Kayuga Road Met Station
A-PF5	Athlone

Table 5-1	Total Suspended Particulate Monitoring Sites
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5.1 Assessment Criteria

TSP is assessed against the guidelines defined in the *EPA Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales* (EPA 2016) and Project Approval DA 92/97. The DA 92/97 specifies an annual average project contribution plus background criterion of 90 μ g/m³.

5.2 Results

In October 2022, sample collection was undertaken by AECOM with sample analysis performed by ALS, a NATA accredited laboratory. TSP results for the monitoring period are

provided in **Table 5-2**. Annual rolling averages for October 2022 have been provided as an indication of performance between October 2021 – October 2022 and do not represent annual average results for 2022 as per Schedule 3, Condition 20 of DA 92/97.

Bun Data	Assessment	TSP μg/m³				
Run Date	Criterion	HVAS A-PF2	HVAS M-WS4	HVAS A-PF5		
1/10/2022	-	29.7	42.9	30.9		
7/10/2022	-	13.1	17.1	35.1		
13/10/2022	-	37.5	67.8	46.1		
19/10/2022	-	23.6	28.0	21.3		
25/10/2022		25.1	19.6	20.5		
31/10/2022		69.7	19.2	40.2		
Monthly Mean	-	33.1	32.4	32.4		

Table 5-2 Total Suspended Particulate Monitoring Data – October 2022

Note: Results in **bold** indicate an elevated reading

5.3 Discussion

For the reporting period, the annual rolling average TSP data at all sites was below the annual average criterion of 90 μ g/m³.

6. Real Time Air Quality Monitoring

Continuous particulate matter less than 10 μ m (PM₁₀) and particulate matter less than 2.5 μ m (PM_{2.5}) monitoring was conducted by three Palas Fidas units (one utilised for management only) at MPO during October 2022.

The EPA identification numbers 1 and 2 refer to Palas Fidas units installed on Wybong Road (A-PF2) and Dorset Road (A-PF5), respectively. In addition, a third unit (A-PF4) is installed on Kayuga Road with data used for management purposes only.

Real time PM_{10} and $PM_{2.5}$ 12-month rolling averages for October 2022 have been provided in Section 6.2 and 6.4 respectively, as an indication of performance between October 2021 – October 2022 and do not represent annual average results for 2022 as per Schedule 3, Condition 20 of DA 92/97.

6.1 **PM**₁₀ Results – 24 hour rolling average

In accordance with the DA 92/97 limit of 50 μ g/m3 for the 24 hour rolling average, there was no elevated readings measured for October 2022. Real time PM₁₀ 24 hour rolling average results for October 2022 are presented in **Table 6-1**.

Table 6-1: MPO Palas Fidas PM ₁₀ Data – October 2022

Date	A- PF2/EPA ID 1	A- PF4	A- PF5/EPA ID 2	Muswellbrook NW	Muswellbrook NW 24 Hour Average Limit	A-PF2, A- PF4, A- PF5 24 Hour
Date		24 hou	ur Average R	(µg/m ³)	Average Limit (μg/m ³)	
1/10/2022	14	12	-	15.4	44	50
2/10/2022	11	11	-	12	44	50
3/10/2022	11	11	-	12	44	50
4/10/2022	13	13	-	17.7	44	50
5/10/2022	11	9	-	12.2	44	50
6/10/2022	12	11	-	10.9	44	50
7/10/2022	12	13	-	9.9	44	50
8/10/2022	13	9	-	11.4	44	50
9/10/2022	8	6	-	6.2	44	50
10/10/2022	14	10	-	14.1	44	50
11/10/2022	12	10	-	13.2	44	50
12/10/2022	12	11	-	13.2	44	50
13/10/2022	15	16	-	15.9	44	50
14/10/2022	17	8	-	18.8	44	50
15/10/2022	14	13	-	16	44	50
16/10/2022	15	15	-	22.3	44	50
17/10/2022	-	12	-	19.2	44	50
18/10/2022	-	12	-	16.2	44	50
19/10/2022	13	10	-	13.1	44	50
20/10/2022	12	11	-	9.6	44	50
21/10/2022	12	10	-	8.6	44	50
22/10/2022	13	9	-	10.9	44	50
23/10/2022	11	10	-	9.4	44	50
24/10/2022	13	12	-	12.9	44	50
25/10/2022	15	11	-	12.3	44	50
26/10/2022	16	8	-	15.2	44	50
27/10/2022	11	8	-	11.2	44	50
28/10/2022	22	9	-	24.4	44	50
29/10/2022	22	7	-	18.5	44	50
30/10/2022	19	7	-	20.1	44	50
31/10/2022	19	15	-	20	44	50

Notes:

Results in bold indicate elevated readings during adverse weather conditions.

Results with "-" indicate dates where data was affected by maintenance or servicing (scheduled and unscheduled)

- Data capture affected by technical issue and equipment malfunction

Figure 6-1 below shows the results of real-time $PM_{10}24$ hour rolling average results at MPO air quality monitoring sites October 2022.

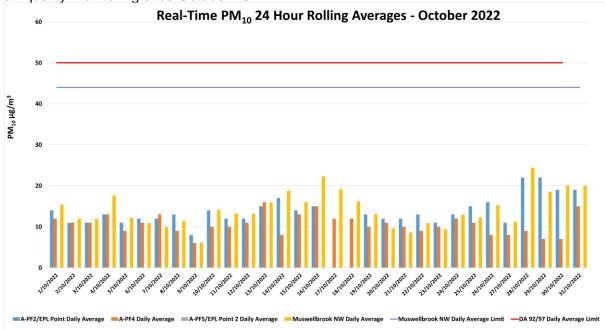


Figure 6-1: Real-time PM₁₀ 24 hour rolling average results for October 2022.

6.2 PM₁₀ Results – Annual rolling average

There were no elevated PM_{10} measurements reported at MPO for the October 2022 annual rolling average. Real time PM_{10} annual rolling averages for October 2022 are presented in **Figure 6-2** below.

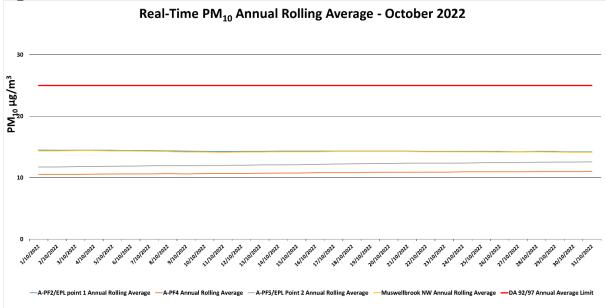


Figure 6-2: Real-time PM₁₀ Annual Rolling average results for October 2022.

6.3 PM_{2.5} Results – 24 hour rolling average

There were no elevated PM_{2.5} measurements reported throughout October 2022. Real time PM_{2.5} 24 hour rolling average results for October 2022 are presented in Table 6-2.

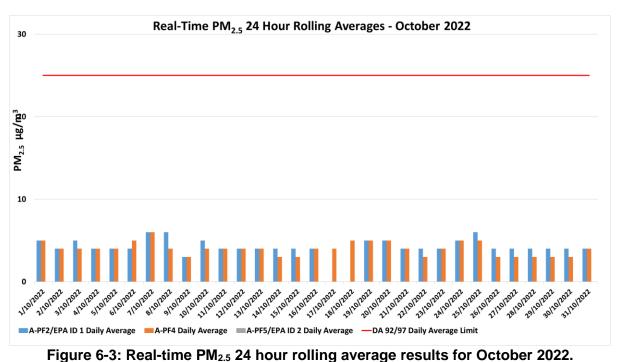
	A-PF2/EPA ID 1	A-PF4	A-PF5/EPA ID 2	A-PF2, A- PF4, A-PF5 24 Hour	
Date	24 h	24 hour Average Result			
1/10/2022	5	5	-	25	
2/10/2022	4	4	-	25	
3/10/2022	5	4	-	25	
4/10/2022	4	4	-	25	
5/10/2022	4	4	-	25	
6/10/2022	4	5	-	25	
7/10/2022	6	6	-	25	
8/10/2022	6	4	-	25	
9/10/2022	3	3	-	25	
10/10/2022	5	4	-	25	
11/10/2022	4	4	-	25	
12/10/2022	4	4	-	25	
13/10/2022	4	4	-	25	
14/10/2022	4	3	-	25	
15/10/2022	4	3	-	25	
16/10/2022	4	4	-	25	
17/10/2022	-	4	-	25	
18/10/2022	-	5	-	25	
19/10/2022	5	5	-	25	
20/10/2022	5	5	-	25	
21/10/2022	4	4	-	25	
22/10/2022	4	3	-	25	
23/10/2022	4	4	-	25	
24/10/2022	5	5	-	25	
25/10/2022	6	5	-	25	
26/10/2022	4	3	-	25	
27/10/2022	4	3	-	25	
28/10/2022	4	3	-	25	
29/10/2022	4	3	-	25	
30/10/2022	4	3	-	25	
31/10/2022	4	4	-	25	

Table 6-2: MPO Palas Fidas PM_{2.5} Data – October 2022

Notes:

Results in **bold** indicate elevated readings during adverse weather conditions. Results with "-" indicate dates where data was affected by maintenance or servicing (scheduled and unscheduled) - Data capture affected by technical issue and equipment malfunction

Real time PM_{2.5}24 hour average results for October 2022 are presented in Figure 6-3 below.



6.4 PM_{2.5} Results - Annual rolling average

There were no elevated $PM_{2.5}$ measurements reported at MPO for the October 2022 annual rolling average. Real time $PM_{2.5}$ annual rolling averages for October 2022 are presented in **Figure 6-4** below.

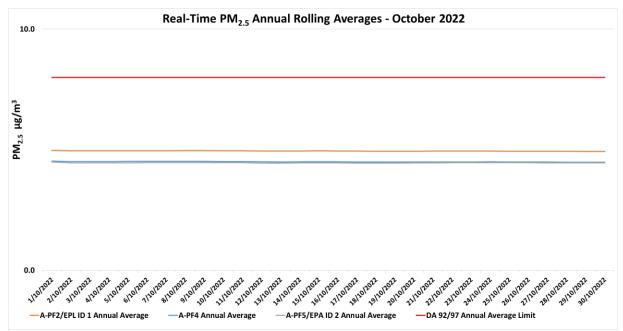


Figure 6-4: Real-time PM_{2.5} Annual Rolling average results for October 2022.

7. Surface Water Monitoring

7.1 Methodology

Surface water quality is monitored at 14 sites on a monthly basis, with additional monitoring conducted if triggered by a rain event. A more comprehensive suite of analysis is performed at these sites on a quarterly basis.

7.2 Assessment Criteria

Surface waters were assessed as per the *MPO Water Management Plan* (MACH Energy, 2019) in accordance with site specific trigger values that have been developed using the ANZECC (2000) guidelines for sites that contain a minimum of two years of monthly data. Sites with insufficient data are assessed on default trigger values adopted from ANZECC (2000) guidelines.

7.3 Results

Surface water event monitoring was conducted by AECOM on 10 October 2022. Additional rain event monitoring occurred on 21 October 2022. Laboratory analysis was performed by ALS NATA accredited laboratory. Monthly monitoring results for pH, EC, TSS and Total Dissolved Solids (TDS) are presented in **Table 7-1** and **Table 7-2**.

Station	рН	Electrical Conductivity (EC) (μs/cm) ¹	Total Dissolved Solids (TDS) (mg/L)	Total Suspended Solids (TSS) (mg/L)
W1	8.1	310	218	64
W2	^	٨	۸	^
W3	7.9	290	218	119
W4	7.7	360	263	28
W5	6.9	80	44**	36
W6A	8.0	290	219	125
W9	7.4	450	254**	26
W11	^	۸	۸	^
W12	8.0	610	402	53
W13	8.0	810	557	34
W14	*	*	*	*
W15	^	^	۸	^
W16	8.1	2150	1080	15
W17	7.9	270	218	143

 Table 7-1 – MPO Monthly Surface Water Monitoring Results – 10 October 2022

Notes:

Results in **bold** indicate elevated reading of adopted assessment criteria.

*Dry or insufficient water to sample.

^ Indicates no safe access due to wet weather conditions

** Calculated result due to interference from fine colloidal material

¹ Results have been rounded in accordance with the In-house method Q4AN(EV)-332-WI3 (pH) and In-house method Q4AN(EV)-332-WI2 (EC).

Station	рН	Electrical Conductivity (EC) (µs/cm) ¹	Total Dissolved Solids (TDS) (mg/L)	Total Suspended Solids (TSS) (mg/L)
W1	8.2	480	273	90
W2	^	^	٨	^
W3	8.0	410	232	144
W4	7.9	540	344	39
W5	7.2	60	35**	22
W6A	8.1	390	244	122
W9	7.6	400	229**	28
W11	^	^	٨	^
W12	8.1	470	323	87
W13	^	^	٨	^
W14	*	*	*	*
W15	7.9	370	216	403
W16	8.0	1300	728	73
W17	8.0	320	200	194

Notes:

Results in **bold** indicate elevated reading of adopted assessment criteria.

*Dry or insufficient water to sample.

^ Indicates no safe access due to wet weather conditions

** Calculated result due to interference from fine colloidal material

¹ Results have been rounded in accordance with the In-house method Q4AN(EV)-332-WI3 (pH) and In-house method Q4AN(EV)-332-WI2 (EC).

During the October monthly monitoring, one of the fourteen monitoring location were found to have insufficient water to sample both events. Three sites were unable to be accessed due to wet conditions. Sites W6A and W9 exceeded their respective TSS levels and W9 exceeded its relevant EC limits.

During the October rain event monitoring, one of the fourteen monitoring location were found to have insufficient water to sample both events. Three sites were unable to be accessed due to wet conditions. Sites W6A and W17 exceeded their respective EC and W9 exceeded it's pH and EC limits.

All other sites were within or below their respective trigger levels between the two events. An investigation will be triggered if elevated measurements occur for three consecutive sampling events in accordance MPO Water Management Plan (MACH Energy, 2019). All other sites were below or inside the assessment trigger ranges.

8. Groundwater Monitoring

Quarterly groundwater monitoring was not undertaken in October. The next quarterly monitoring event is scheduled for November 2022.

9. Noise Monitoring

Attended noise monitoring was undertaken during the night period of 17/18 October 2022 at 6 monitoring locations as per the *MPO Noise Management Plan* (MACH Energy, 2021) in accordance with DA 92/97 and EPL 20850.

9.1 Results

The results for night time attended noise monitoring for noise generated by MPO in October 2022 against noise criteria is shown in **Table 9-1**; **Table 9-2**; and **Table 9-3**.

Location	Start Date and Time	Wind Speed m/s	Stability Class	Criterion dB	Criterion Applies ¹	MPO Only L _{A1,1min} dB ^{2.4}	Exceedance dB ^{3,4}
N-AT1	17/10/2022 23:47	1.9	E	45	Yes	IA	Nil
N-AT2	17/10/2022 22:00	2.3	E	45	Yes	34	Nil
N-AT3	17/10/2022 22:40	4.2	E	45	No	IA	NA
N-AT4	17/10/2022 23:37	1.8	E	45	Yes	IA	Nil
N-AT5	17/10/2022 23:14	2.0	E	45	Yes	IA	Nil
N-AT6	17/10/2022 23:24	2.3	D	45	Yes	IA	Nil

Table 9-1 – L_{A1,1min} Generated by MPO: Attended Night Monitoring – 17/18 October 2022

Notes:

 As per Condition L2.3 of EPL 20850, noise emission limits do not apply during wind speeds greater than 3m/s at 10m above ground level, or stability category F temperature inversion conditions and wind speeds greater than 2m/s at 10m above ground level, or stability category G temperature inversion conditions;

2. Estimated or measured L_{A1,1minute} attributed to MPO;

3. NA in exceedance column means meteorological conditions outside those specified in Condition L2.3 of EPL 20850 and thus criterion is not applicable; and

4. NA in exceedance column means meteorological conditions outside those specified in Condition L2.3 of EPL 20850 and thus criterion is not applicable;

5. NM Not Measurable. Some noise was audible but could not be quantified;

6. Bold results indicate exceedance of criteria; and

7. Remeasure

Table 9-2 – LAeq,15min Generated by MPO: Attended Night Monitoring – 17/18 October

Location	Start Date and Time	Wind Speed m/s	Stability Class	Criterion dB	Criterion Applies ¹	MPO Only L _{Aeq} dB ^{2.4}	Exceedance dB ^{3,4}
N-AT1	17/10/2022 23:47	1.9	E	43	Yes	IA	Nil
N-AT2	17/10/2022 22:00	2.3	E	36	Yes	31	Nil
N-AT3	17/10/2022 22:40	4.2	E	41	No	IA	NA
N-AT4	17/10/2022 23:37	1.8	E	42	Yes	IA	Nil
N-AT5	17/10/2022 23:14	2.0	E	40	Yes	IA	Nil
N-AT6	17/10/2022 23:24	2.3	D	35	Yes	IA	Nil

Notes:

1. As per Condition L2.3 of EPL 20850, noise emission limits do not apply during wind speeds greater than 3m/s at 10m above ground level, or stability category F temperature inversion conditions and wind speeds greater than 2m/s at 10m above ground level, or stability category G temperature inversion conditions;

2. Estimated or measured $L_{Aeq, 15minute}$ attributed to MPO;

3. NA in exceedance column means meteorological conditions outside those specified in Condition L2.3 of EPL 20850 and thus criterion is not applicable;

4. NM Not Measurable. Some noise was audible but could not be quantified;

5. Bold results indicate exceedance of criteria; and

6. Remeasure

Table 9-3 – LAeq, period Cumulative Noise: Attended Night Monitoring – 17/18 October 2022

Location	Start Date and Time	Cumulative Noise Criterion LAeq dB	Measured Mining Only L _{Aeq,period} dB ^{1,2}	Exceedance dB
N-AT1	17/10/2022 23:47	40	Nil	Nil
N-AT2	17/10/2022 22:00	40	Nil	Nil
N-AT3	17/10/2022 22:40	40	Nil	Nil
N-AT4	17/10/2022 23:37	40	Nil	Nil
N-AT5	17/10/2022 23:14	40	Nil	Nil
N-AT6	17/10/2022 23:24	40	Nil	Nil

Notes:

1. These are the results for MPO and all other mining sources. 15-minute measurements have been assumed to apply across the entire night period as a conservative measure and to represent "worst case" results; and

 By definition, cumulative noise refers to two or more noise sources. If only one other source of mining is audible, or if MPO is inaudible, the measured cumulative noise defined here is 'Nil'.

The purpose of the noise monitoring is to quantify and describe the existing acoustic environment around the mining operation and compare results with relevant limits as per the *MPO Noise Management Plan* (MACH Energy, 2021). Noise levels from MPO complied with noise limits at all monitoring locations during the monitoring period.

10. Blast Monitoring

There were 7 blast events during October (a total of 72 blasts YTD). Results for October 2022 are presented in **Table 10-1**. All blast results during the October 2022 monitoring period were below the criteria in Schedule 3, Condition 10 of DA 92/97 and EPL 20850.

Day & Date Fired	Time Fired	Vibration (mm/s) BVOA	Overpressure (dBL) BVOA	Vibration (mm/s) BVOC	Overpressure (dBL) BVOC	Vibration (mm/s) BVO2	Overpressure (dBL) BVO2	Blast Fume Compliant
6/10/2022 Thursday	13:04	0.250	99.3	0.160	90.6	0.290	95.5	Y
7/10/2022 Friday	12:00	0.250	95.7	0.160	88.3	0.210	90.1	Y
12/10/2022 Wednesday	14:07	0.510	106.9	0.470	97.8	0.330	89.5	Y
15/10/2022 Saturday	9:03	1.240	113.9	1.430	97.2	0.42	101.6	Y
19/10/2022 Wednesday	11:07	0.890	100.8	0.660	92.1	0.640	95.6	Y
20/10/2022 Thursday	10:46	0.210	96.9	0.130	97.4	0.210	92.1	Y
27/10/2022 Thursday	14:04	0.760	100.7	0.360	91.4	0.400	102.2	Y

Table 10-1 – MPO Blast Monitoring Results – October 2022

END OF REPORT