

HUNTER VALLEY OPERATIONS

MONTHLY ENVIRONMENTAL MONITORING REPORT – JANUARY 2024

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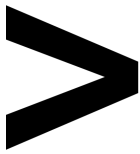
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1 | INTRODUCTION

This report has been compiled to provide a monthly summary of environmental monitoring results for Hunter Valley Operations (HVO). This report includes all monitoring data collected for the period 1 – 31 January 2024 (the 'Reporting Period').

2 | AIR QUALITY

2.1 | METEOROLOGICAL MONITORING

HVO maintains two meteorological stations: 'HVO Corporate' and 'Cheshunt' (refer to **Figure 4**).

2.1.1 | RAINFALL

Rainfall recorded at the HVO Corporate weather station during the period is summarised in **Table 1**. The 2022, 2023 and 2024 trends are shown in **Figure 1**.

Table 1 - Rainfall data for the reporting period

2024	Monthly Rainfall (mm)	Cumulative Rainfall (mm)
January	39.4	39.4

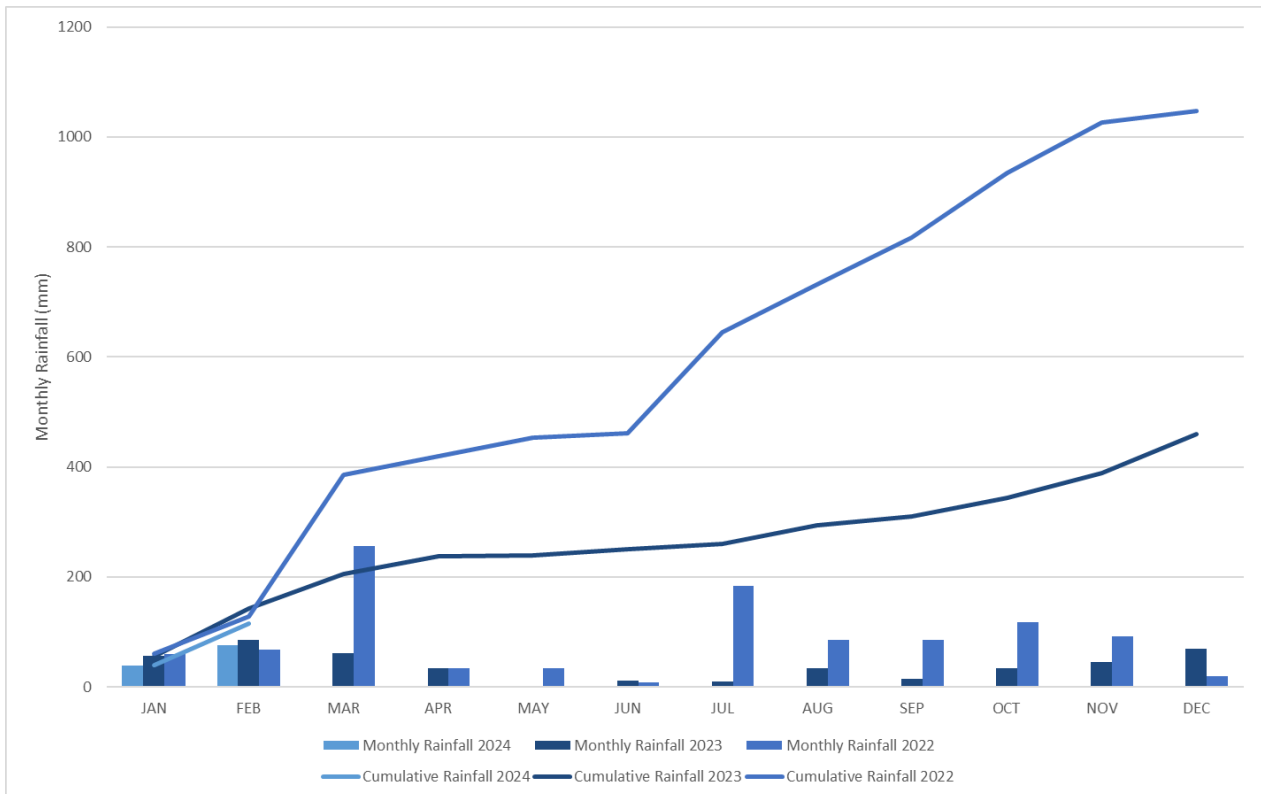


Figure 1 - Rainfall Summary 2024



2.1.2 | WIND SPEED AND DIRECTION

South easterly winds were prevailing at both HVO Corporate and HVO Cheshunt weather stations during the reporting period as shown in **Figure 2** and **Figure 3**.

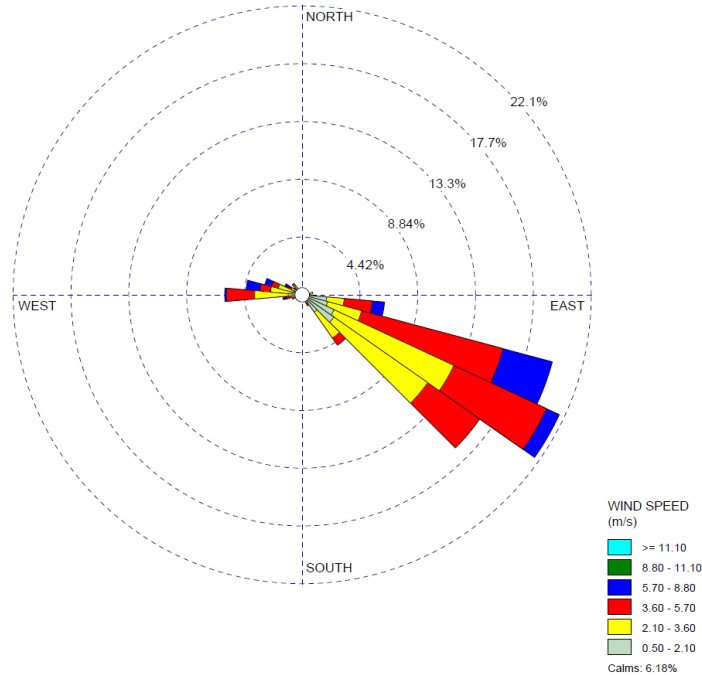


Figure 2 – HVO Corporate Wind Rose for the Reporting Period

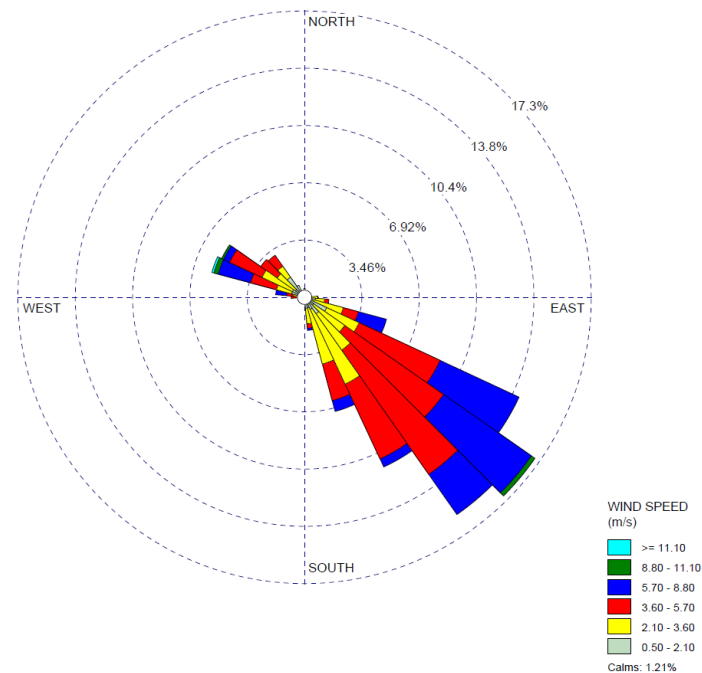


Figure 3 – HVO Cheshunt Wind Rose for the Reporting Period

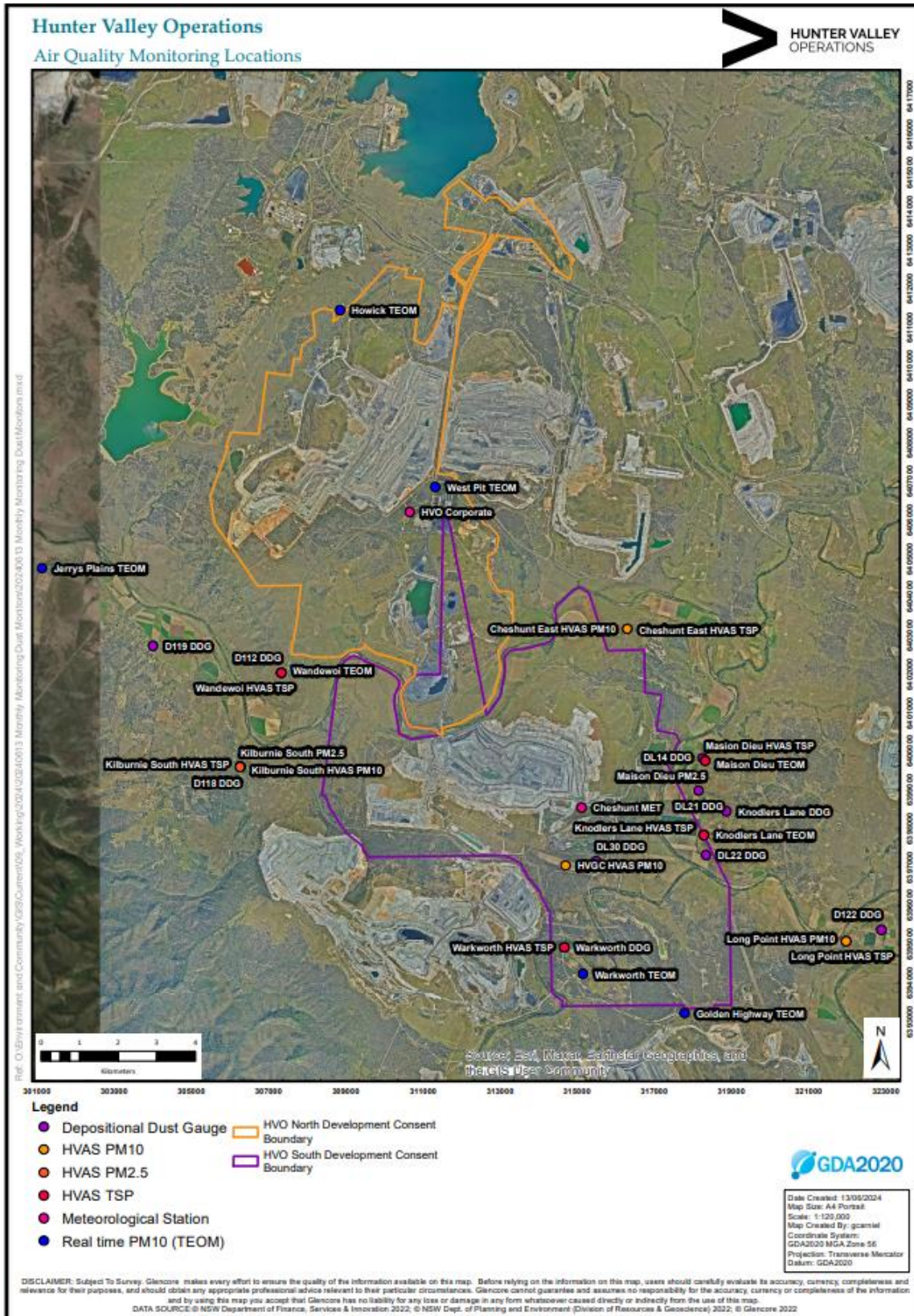
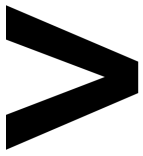


Figure 4 – Air Quality Monitoring Location Plan



2.2 | DEPOSITIONAL DUST

HVO operates and maintains a network of eleven depositional dust gauges situated on private and mine owned land surrounding HVO to monitor regional air quality.

Figure 5 displays insoluble solids results from depositional dust gauges during the reporting period compared against the annual impact assessment criteria. Any monthly results deemed to be contaminated (due to presence of bird droppings, insects, etc.) are not displayed. An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2024 Annual Review.

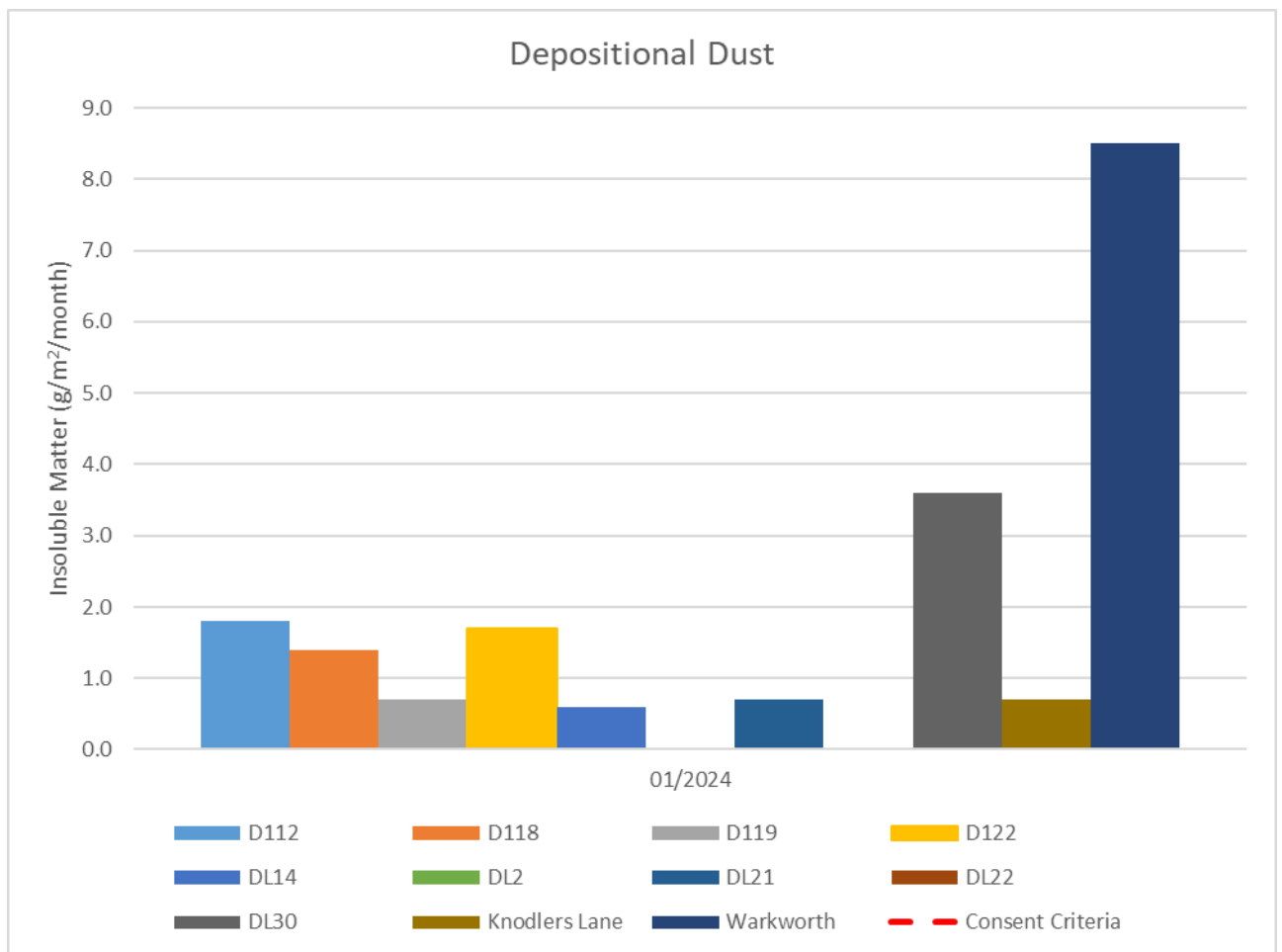


Figure 5 - Depositional Dust Results for the Reporting Period



2.3 | SUSPENDED PARTICLES

Suspended particles are measured by a network of High Volume Air Samplers (HVAS) measuring Total Suspended Particulates (TSP) and Particulate Matter <10µm (PM10). The Kilburnie South (Moses Crossing) and Maison Dieu HVAS also monitor Particulate Matter <2.5µm (PM2.5). The location of these monitors is presented in Figure 4. Each HVAS runs for 24-hours on a six-day cycle.

2.3.1 | HVAS PM10 RESULTS

2.3.1.1 | PERFORMANCE AGAINST SHORT TERM IMPACT ASSESSMENT CRITERIA

Figure 6 shows individual PM10 results at each monitoring station against the short-term impact assessment criteria of 50µg/m³. No exceedances were recorded during the reporting period.

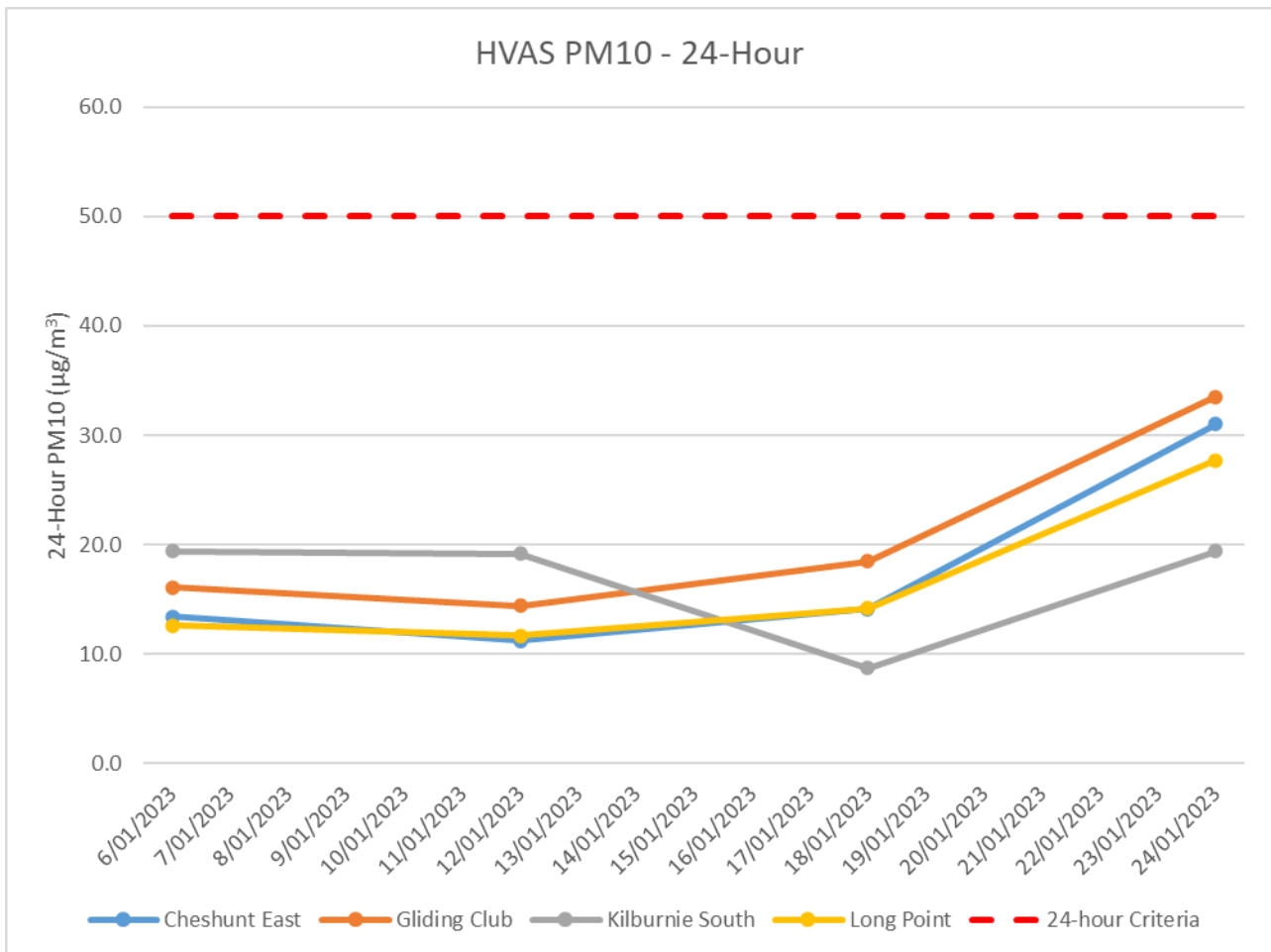


Figure 6 – Individual PM10 Results for the Reporting Period



2.3.1.2 | PERFORMANCE AGAINST LONG TERM IMPACT ASSESSMENT CRITERIA

Figure 7 shows the year-to-date annual average PM10 results. All other monitors were below the relevant long term impact assessment criteria during the reporting period.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2024 Annual Review.

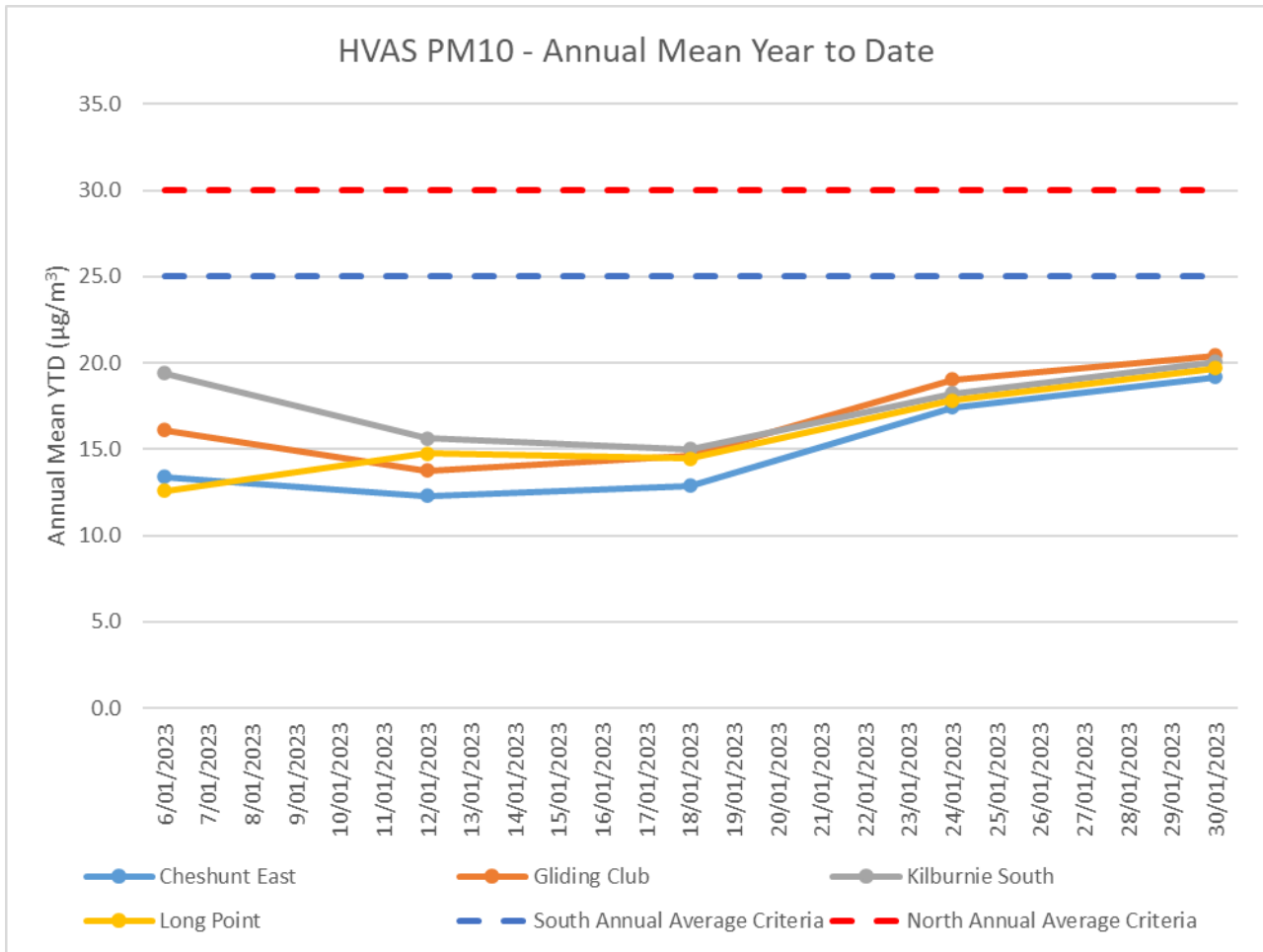
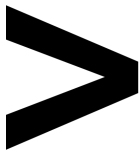


Figure 7 – Year to Date Average PM10 as at end of the Reporting Period



2.3.2 | HVAS PM_{2.5} RESULTS

HVO monitors PM_{2.5} at two HVAS locations, Kilburnie South (Moses Crossing) and Maison Dieu.

2.3.2.1 | HVAS PM_{2.5} RESULTS

Figure 8 shows individual PM_{2.5} results at each monitoring station against the HVO South short-term impact assessment criteria of 25µg/m³. Both monitors were below the relevant short-term impact assessment criteria during the reporting period.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2024 Annual Review.

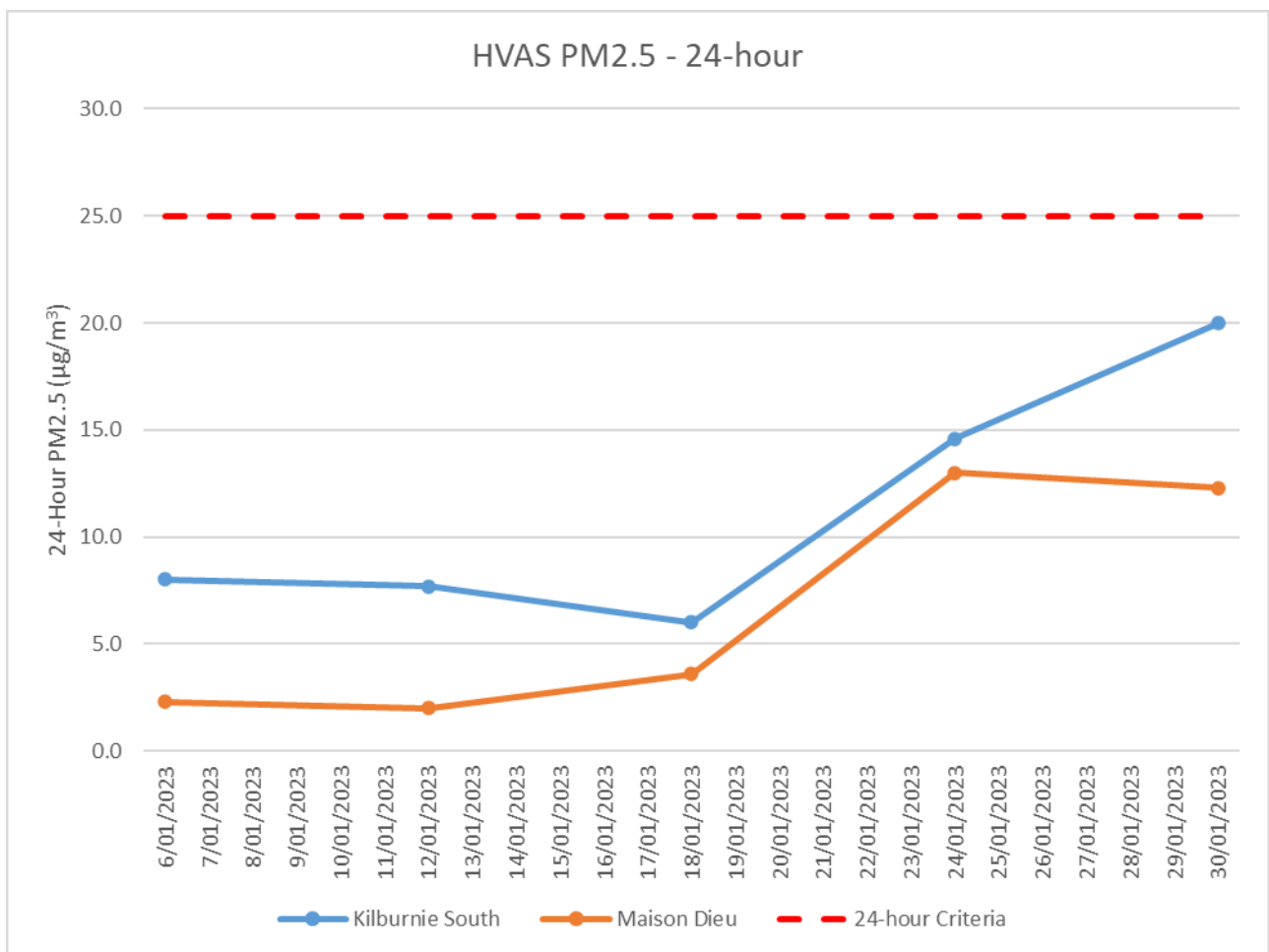


Figure 8 - Results for the Reporting Period



2.3.2.2 | PERFORMANCE AGAINST LONG TERM IMPACT ASSESSMENT CRITERIA

Figure 9 shows the year-to-date annual average PM2.5 results. During the reporting period, the Kilburnie South monitor annual average year to date results were above the PM2.5 Annual Rolling Mean criteria of 8µg/m³.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2024 Annual Review.

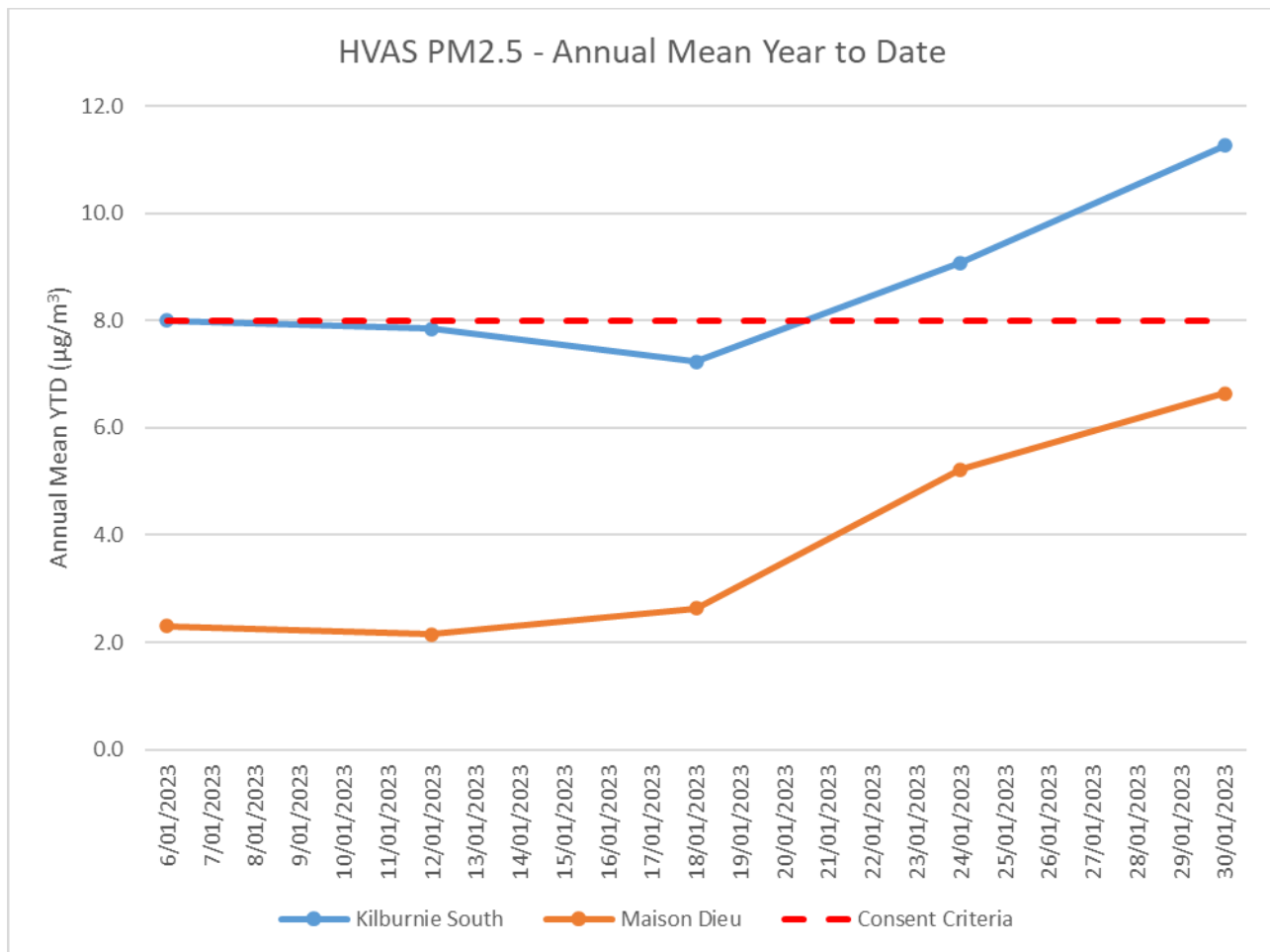
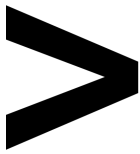


Figure 9 - Year to Date Average PM2.5 as at end of the Reporting Period



2.3.3 | TSP RESULTS

2.3.3.1 | PERFORMANCE AGAINST LONG TERM IMPACT ASSESSMENT CRITERIA

Figure 10 shows the annual average TSP results compared against the long-term impact assessment criteria of 90µg/m³.

Five of the seven monitors were below the relevant long-term impact assessment criteria during the reporting period. The Warkworth and Knodlers Lane monitors were greater than the long-term impact assessment criteria during the reporting period.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2024 Annual Review.

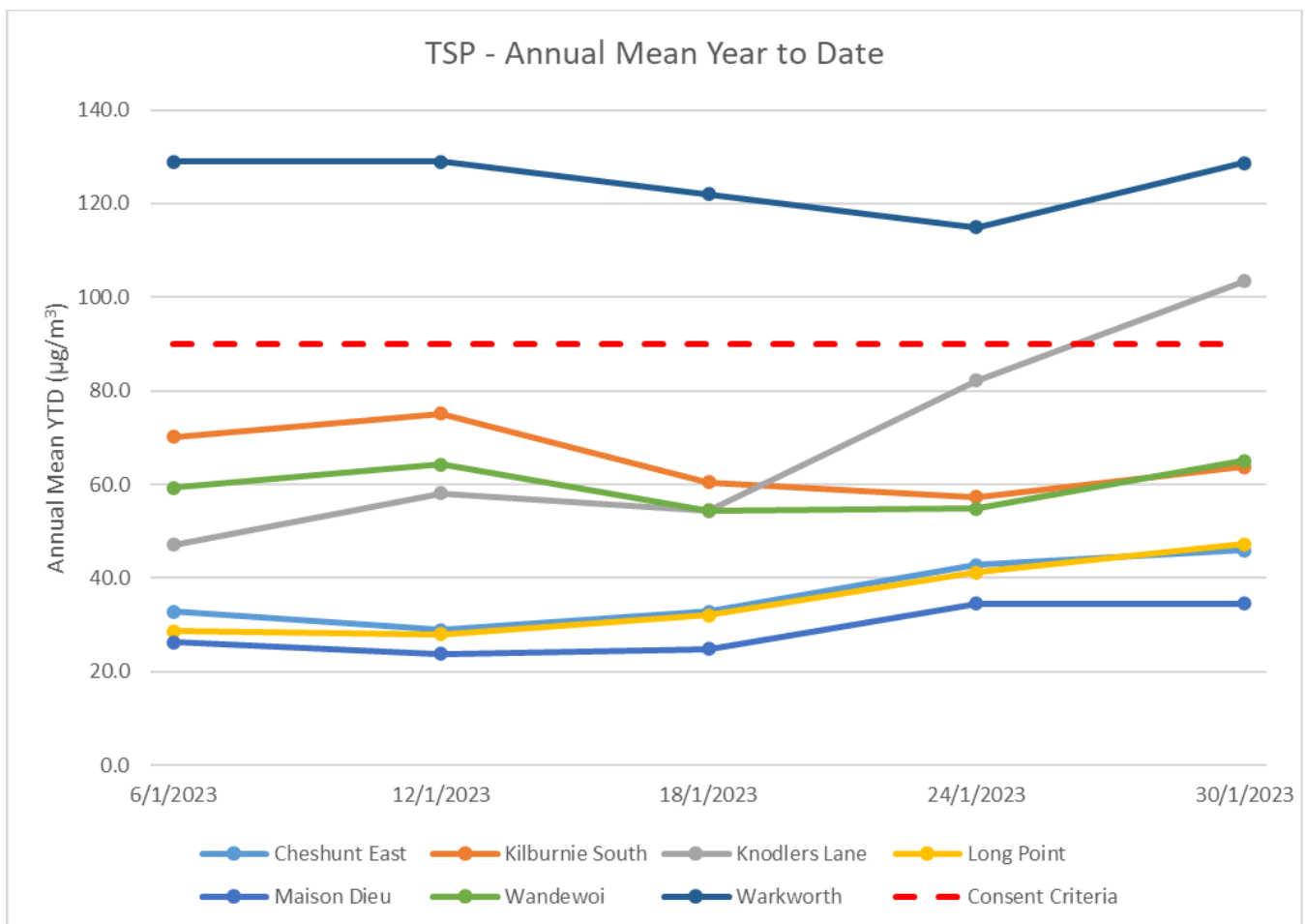


Figure 10 - Year to Date Average Total Suspended Particulates as at end of the Reporting Period



2.3.4 | REAL TIME PM₁₀ RESULTS

HVO maintains a network of real time PM₁₀ monitors. The real time air quality monitoring stations continuously record information and transmit data to a central database, generating alarms when particulate matter levels exceed internal trigger levels. Results from real time PM₁₀ monitoring are used as a reactive measure to guide mining operations to help achieve compliance with the relevant conditions of the project approval.

Figure 11 shows the daily 24-hour average PM₁₀ result from the real time monitoring sites. During the reporting period, daily results were below the 24-hr average criteria of 50µg/m³ with the exception of:

- Knodlers Lane monitor on 6, 25, 26 and 31 January; and
- Warkworth on 22 and 26 January.

All exceedances in the HVO TEOM database were investigated internally by HVO and it was found that the maximum calculated HVO contribution was below the compliance limit. The Knodlers Lane result on 31 January was the result of a monitoring unit malfunction and was not in fact an exceedance.

Figure 12 shows the annual rolling average PM₁₀ results from the real time monitoring sites. The Warkworth monitors annual average result is currently greater than the relevant long-term impact assessment criteria during the reporting period.

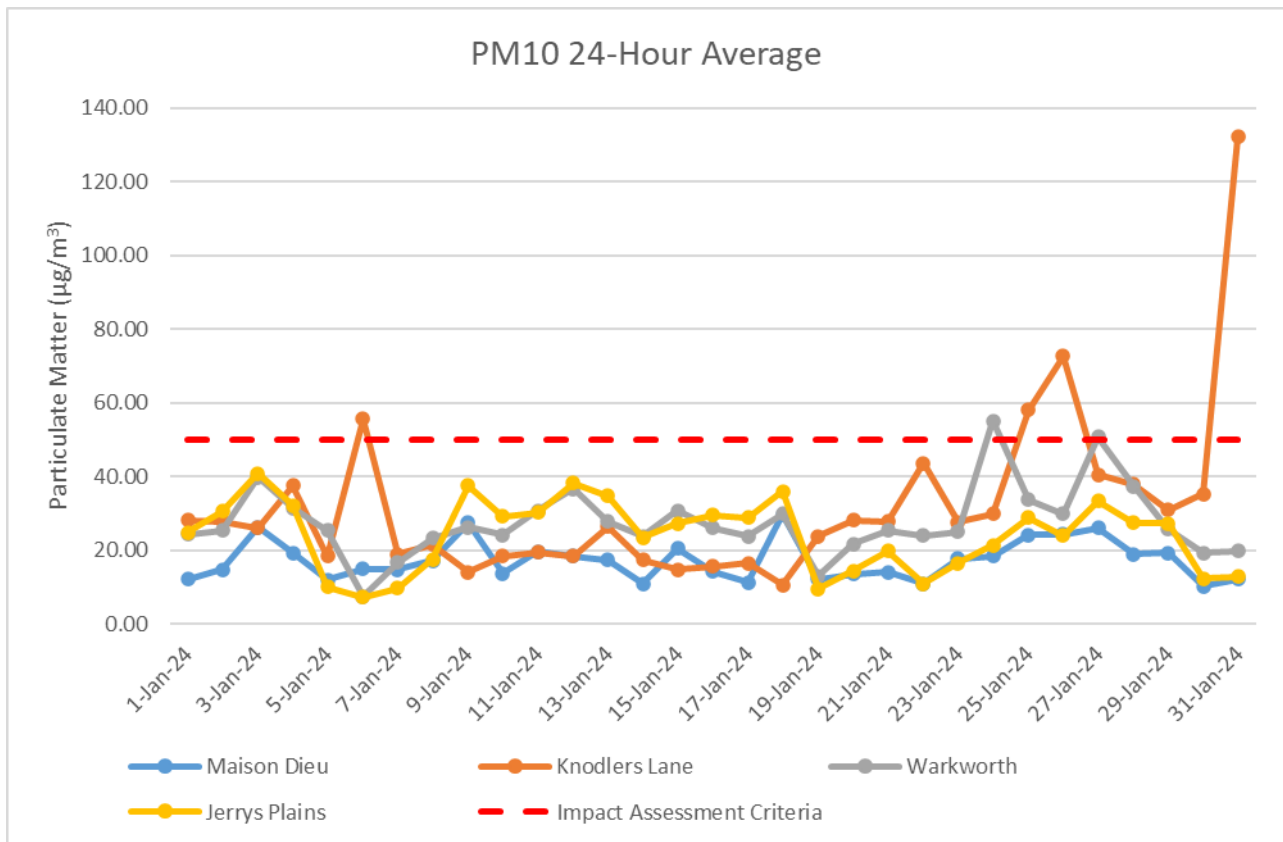


Figure 11 – Real Time PM₁₀ 24hr for the Reporting Period

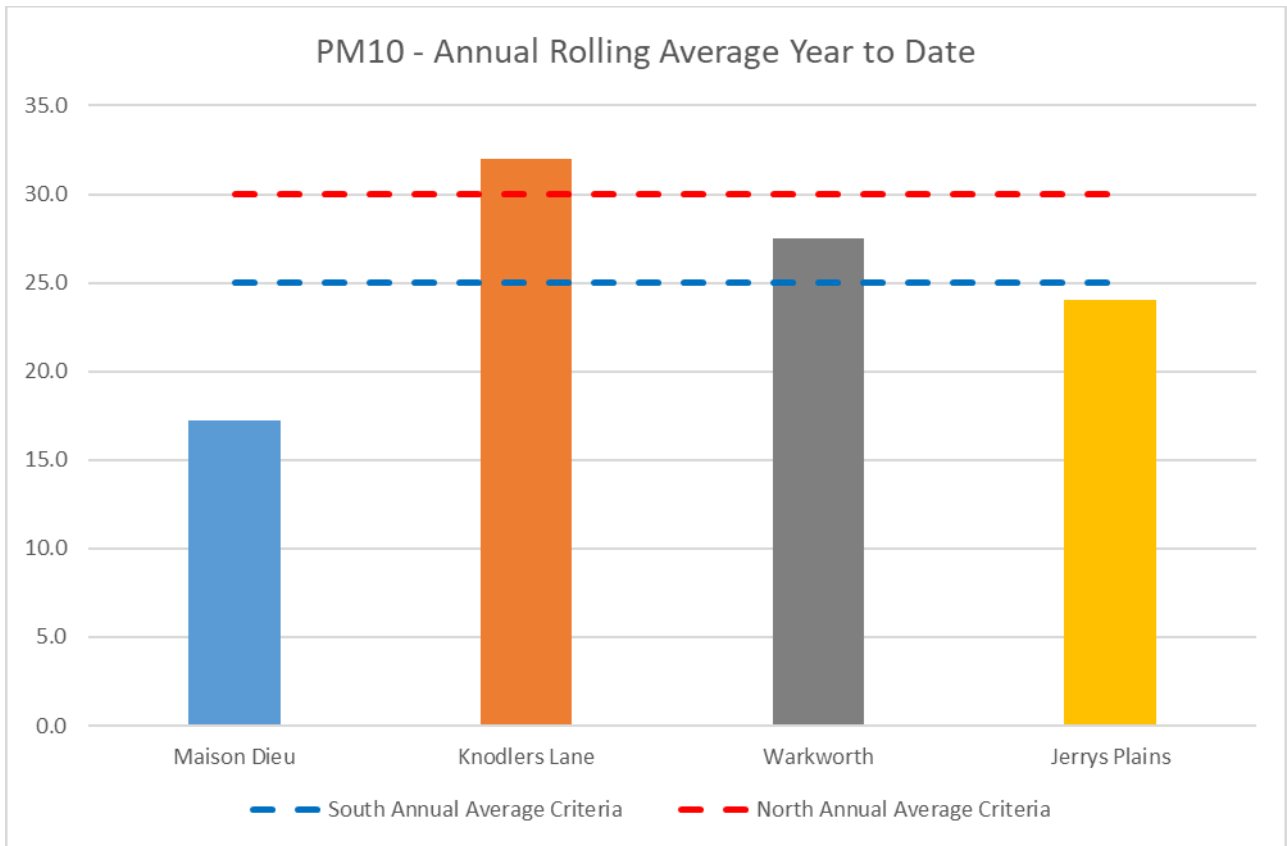
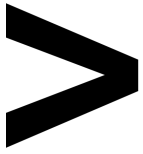


Figure 12 – Real Time PM₁₀ Annual Average for the Reporting Period

2.3.5 | REAL TIME ALARMS FOR AIR QUALITY

The real time monitoring system generated ninety-four (94) automated air quality related alarms during the reporting period. Thirty-seven (37) alarms related to adverse weather conditions (wind or rain) and fifty-seven (57) alarms related to dust conditions.



3 | WATER QUALITY

HVO maintains a network of surface water and groundwater monitoring sites.

3.1 | SURFACE WATER

Surface watercourses are sampled on a quarterly sampling regime. Water quality is assessed through the parameters of pH, electrical conductivity (EC) and Total Suspended Solids (TSS). The location of surface water monitoring points across HVO is shown in **Figure 13**.

Results from monitoring on site dams, the Hunter River and other natural tributaries are provided on a quarterly basis. Results will be provided in the March 2024 Monthly Environmental Monitoring Report.

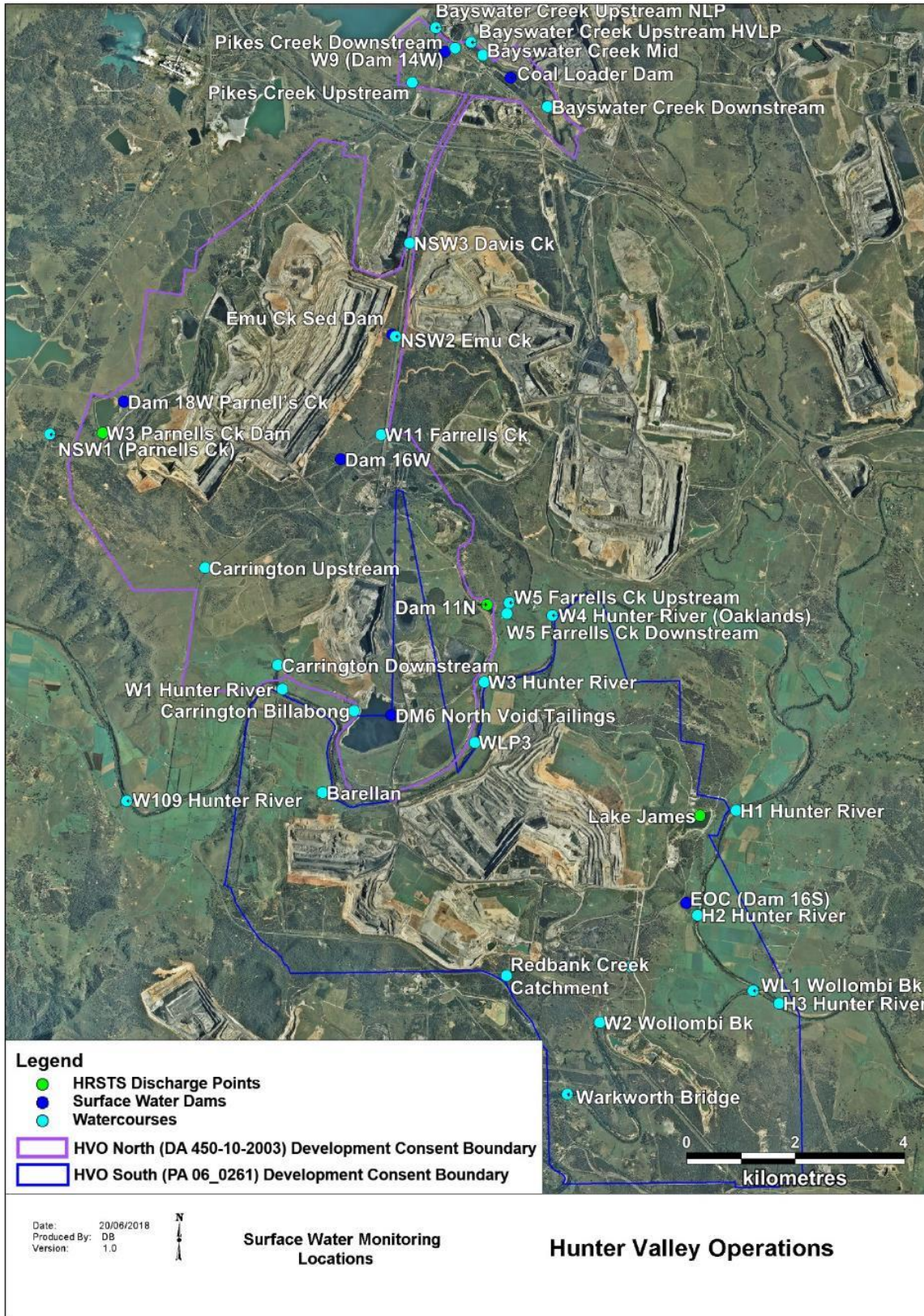
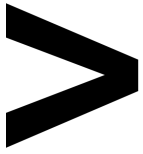


Figure 13 – HVO Surface Water Monitoring Locations



3.1.1 | SURFACE WATER TRIGGER TRACKING

Internal trigger limits have been developed to assess monitoring data on an on-going basis and to highlight potentially adverse surface water impacts. The process for evaluating monitoring results against the internal triggers and subsequent responses are outlined in the HVO Water Management Plan.

Surface water trigger tracking results are provided on a quarterly basis. Results will be reported in the March 2024 Monthly Environmental Monitoring Report.

3.2 | SITE WATER USE

HVO is permitted to extract water from the Hunter River under water allocation licenses issued by Water NSW.

HVO did not extract water from the Hunter River during the reporting period.

3.3 | HRSTS DISCHARGE

HVO participates in the Hunter River Salinity Trading Scheme (HRSTS), allowing discharge from licensed discharge points Dam 11N (to Farrell's Creek), Lake James (to the Hunter River) and Parnell's Dam (to Parnell's Creek). Discharges can only take place subject to HRSTS regulations.

HVO did not undertake any HRSTS discharges during the reporting period.

3.4 | GROUNDWATER MONITORING RESULTS

Groundwater monitoring is undertaken on a quarterly basis in accordance with the HVO Water Management Plan and Groundwater Monitoring Programme. The location of groundwater monitoring points across HVO are show in **Figure 14**.

Groundwater monitoring results are provided on a quarterly basis. Results will be provided in the March 2024 Monthly Environmental Monitoring Report.

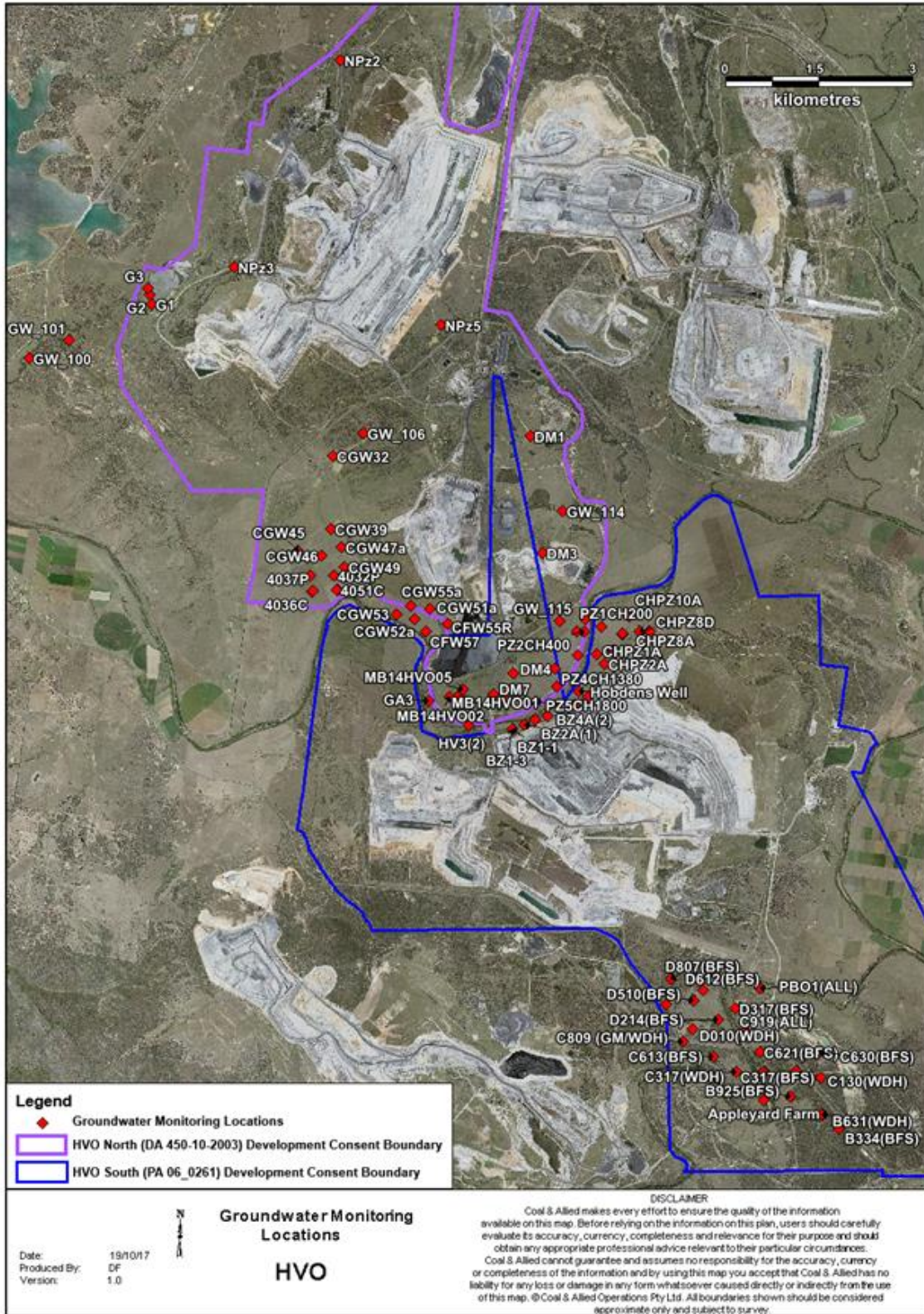
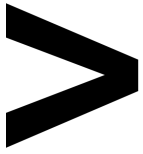


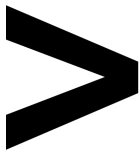
Figure 14 - Groundwater Monitoring Locations at HVO



3.4.1 | GROUNDWATER TRIGGER TRACKING

Internal trigger limits have been developed to assess monitoring data on an on-going basis and to highlight potentially adverse groundwater impacts. The process for evaluating monitoring results against the internal triggers and subsequent responses is outlined in the HVO Water Management Plan.

Groundwater trigger tracking results are provided on a quarterly basis. Results will be provided in the March 2024 Monthly Environmental Monitoring Report.

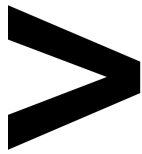


4 | BLASTING

HVO maintains a network of blast monitoring units located at nearby privately owned residences and function as regulatory compliance monitors. The location of these monitors can be found in **Figure 15**. Blasting criteria for HVO are summarised in **Table 2**.

Table 2 – Blasting Criteria

Airblast Overpressure (dBL)	Comments
115	5% of the total number of blasts in a 12-month period
120	0% of blasts
Ground Vibration (mm/s)	Comments
5	5% of the total number of blasts in a 12-month period
10	0% of blasts



4.1 | BLAST MONITORING RESULTS

Twenty-seven (27) blasts were initiated at HVO during the reporting period. Blast monitoring results for the period are shown in **Table 3** and **Table 4**.

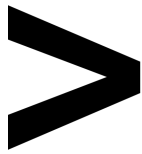
Table 3 – Overpressure Blast Monitoring Results for the reporting period

Date and Time	Moses Crossing (dBL)	Jerrys Plains Village (dBL)	Maison Dieu (dBL)	Warkworth (dBL)	Knodlers Lane (dBL)
2/01/2024 12:51	104.17	85.29	94.76	97.49	104.17
3/01/2024 13:02	90.13	86.01	101.94	86.28	90.13
3/01/2024 13:03	93.18	89.13	101.94	94.88	93.18
4/01/2024 13:16	95.09	79.44	92.92	90.58	95.09
4/01/2024 13:17	98.58	81.74	92.92	90.58	98.58
8/01/2024 13:09	91.05	99.88	98.13	97.14	91.05
8/01/2024 13:10	98.44	92.56	97.55	93.21	98.44
9/01/2024 13:15	101.04	78.93	86.90	92.83	101.04
9/01/2024 13:18	102.07	81.12	101.87	87.91	102.07
9/01/2024 13:20	105.88	85.71	96.78	94.16	105.88
11/01/2024 12:54	98.97	94.55	95.80	96.33	98.97
11/01/2024 12:55	96.21	94.96	97.48	85.19	96.21
12/01/2024 15:05	105.97	96.46	99.33	94.58	105.97
16/01/2024 13:22	104.55	97.32	102.03	92.08	104.55
17/01/2024 13:14	85.13	78.04	89.88	81.41	85.13
17/01/2024 13:17	87.04	83.74	91.95	84.88	87.04
20/01/2024 13:14	88.06	81.43	92.04	94.63	88.06
20/01/2024 13:15	90.17	82.06	100.42	98.60	90.17
22/01/2024 16:01	102.84	105.92	102.37	84.81	102.84
23/01/2024 13:06	100.69	91.20	98.70	93.40	100.69
24/01/2024 13:18	102.26	93.92	101.48	92.85	102.26
25/01/2024 12:02	96.57	95.45	96.95	105.21	96.57
25/01/2024 13:15	94.93	92.66	97.35	97.11	94.93
27/01/2024 13:13	99.74	102.90	100.76	89.77	99.74

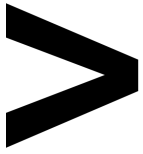


Date and Time	Moses Crossing (dBL)	Jerrys Plains Village (dBL)	Maison Dieu (dBL)	Warkworth (dBL)	Knodlers Lane (dBL)
27/01/2024 13:15	103.71	99.54	100.52	85.93	103.71
31/01/2024 15:15	97.36	91.73	109.70	89.62	97.36
31/01/2024 15:17	100.30	99.80	102.90	94.60	100.30

Table 4 – Ground Vibration Blast Monitoring Results for the reporting period



Date and Time	Moses Crossing (mm/s)	Jerrys Plains Village (mm/s)	Maison Dieu (mm/s)	Warkworth (mm/s)	Knodlers Lane (mm/s)
2/01/2024 12:51	0.19	0.06	0.09	0.16	0.19
3/01/2024 13:02	0.16	0.08	0.37	0.90	0.16
3/01/2024 13:03	0.14	0.06	0.37	0.90	0.14
4/01/2024 13:16	0.10	0.05	0.08	0.43	0.10
4/01/2024 13:17	0.09	0.04	0.06	0.18	0.09
8/01/2024 13:09	0.11	0.03	0.20	0.54	0.11
8/01/2024 13:10	0.17	0.08	0.35	0.47	0.17
9/01/2024 13:15	0.09	0.04	0.04	0.68	0.09
9/01/2024 13:18	0.09	0.05	0.04	0.04	0.09
9/01/2024 13:20	0.12	0.07	0.07	0.17	0.12
11/01/2024 12:54	0.16	0.08	0.24	0.78	0.16
11/01/2024 12:55	0.13	0.05	0.16	0.19	0.13
12/01/2024 15:05	0.10	0.04	0.25	0.74	0.10
16/01/2024 13:22	0.23	0.10	0.19	0.30	0.23
17/01/2024 13:14	0.08	0.03	0.06	0.13	0.08
17/01/2024 13:17	0.11	0.13	0.16	0.15	0.11
20/01/2024 13:14	0.14	0.08	0.44	0.95	0.14
20/01/2024 13:15	0.10	0.06	0.28	0.63	0.10
22/01/2024 16:01	0.08	0.03	0.06	0.08	0.08
23/01/2024 13:06	0.11	0.07	0.40	0.93	0.11
24/01/2024 13:18	0.11	0.06	0.10	0.18	0.11
25/01/2024 12:02	0.12	0.06	0.09	0.21	0.12
25/01/2024 13:15	0.08	0.05	0.07	0.04	0.08
27/01/2024 13:13	0.11	0.05	0.34	0.83	0.11
27/01/2024 13:15	0.10	0.03	0.10	0.13	0.10
31/01/2024 15:15	0.15	0.08	0.10	0.26	0.15
31/01/2024 15:17	0.15	0.06	0.10	0.17	0.15



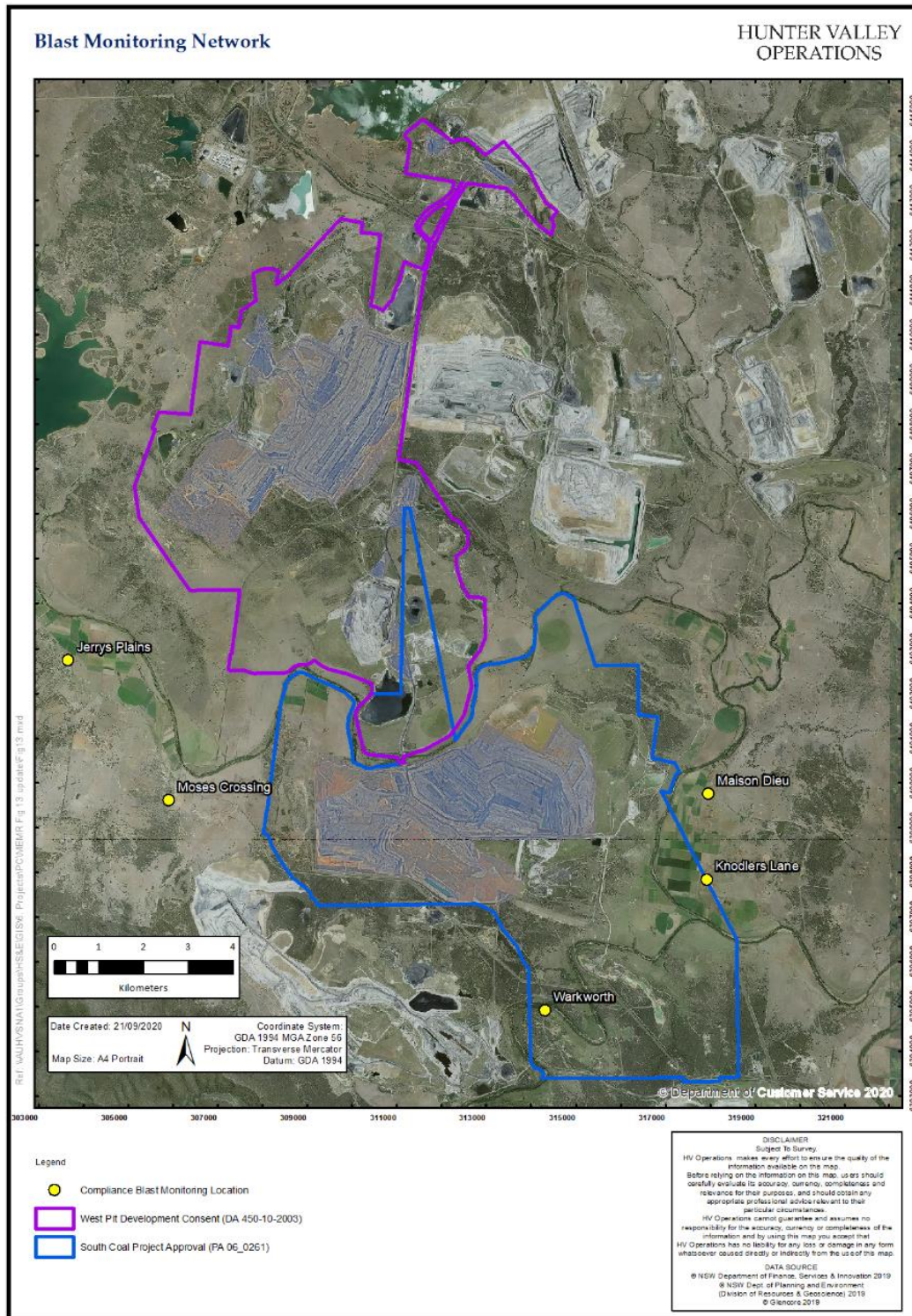
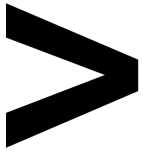


Figure 15 - Blast Monitoring Location Plan



5 | NOISE

Routine attended noise monitoring occurs at defined locations around HVO, as described in the HVO Noise Monitoring Programme. The noise monitoring aims to quantify and describe the acoustic environment around the site and compare results with specified limits. The attended noise monitoring locations are displayed in **Figure 16**.

5.1 | ATTENDED NOISE MONITORING RESULTS

Attended monitoring was conducted at receiver locations around HVO during the night period of the 23 January 2024.

Compliance with the HVO noise impact limits ensures compliance with the land acquisition criteria. Therefore, since no noise impact exceedances occurred for the reporting period the land acquisition assessment has not been presented. These will only be reported in instances of noise impact exceedances.

Monitoring results are detailed in **Table 5** and **Table 6**.

Table 5 - LAeq,15minute and 1minute HVO North Against Impact Assessment Criteria for the Reporting Period

Location	Start date and time	Wind		Stability class	Very enhancing? ¹	HVO North limits, dB ¹		HVO North levels, dB		Exceedances, dB	
		Speed m/s	Direction ³			L _{Aeq,15minute}	L _{A1,1min}	L _{Aeq,15minute} ²	L _{A1,1min}	L _{Aeq,15minute}	L _{A1,1min}
Shearers Lane	23/01/2024 21:00	3.1	117	D	No	35	46	IA	IA	N/A	N/A
Knodlers Lane	23/01/2024 21:41	2.8	126	D	Yes	35	46	IA	IA	Nil	Nil
Maison Dieu	23/01/2024 21:20	2.6	120	D	Yes	35	46	IA	IA	Nil	Nil
Long Point (Dights Crossing)	23/01/2024 22:32	3.3	131	D	No	35	46	IA	IA	N/A	N/A
Kilburnie South (Moses Crossing)	23/01/2024 23:17	2.7	131	D	Yes	39	46	IA	IA	Nil	Nil
Jerrys Plains East	23/01/2024 22:55	2.9	130	D	Yes	39	46	30	35	Nil	Nil
Jerrys Plains Village	23/01/2024 21:20	2.6	120	D	Yes	40	46	<25	<25	Nil	Nil
Jerrys Plains West	23/01/2024 21:00	3.1	117	D	No	40	46	<25	33	N/A	N/A

1. Noise limits are adjusted by +5 dB during 'very noise-enhancing meteorological conditions' in accordance with the NPfI.
2. Site-only LAeq,15minute, includes modifying factor penalties if applicable.
3. Degrees magnetic north, "-" indicates calm conditions.

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Table 6 - LAeq,15minute and 1minute HVO South Against Impact Assessment Criteria for the Reporting Period

Location	Start date and time	Wind		Stability class	Very enhancing? ¹	HVO South limits, dB ¹		HVO South levels, dB		Exceedances, dB	
		Speed m/s	Direction ³			L _{Aeq,15minute}	L _{A1,1min}	L _{Aeq,15minute} ²	L _{A1,1min}	L _{Aeq,15minute}	L _{A1,1min}
Shearers Lane	23/01/2024 21:00	4.3	128	D	No	41	45	IA	IA	N/A	N/A
Knodlers Lane	23/01/2024 21:41	3.8	140	E	No	40	45	IA	IA	N/A	N/A
Maison Dieu	23/01/2024 21:20	3.9	128	D	No	39	45	IA	IA	N/A	N/A
Long Point (Dights Crossing)	23/01/2024 22:32	4.7	142	E	No	37	45	IA	IA	N/A	N/A
Kilburnie South (Moses Crossing)	23/01/2024 23:17	3.4	145	E	No	39	45	34	38	N/A	N/A
Jerrys Plains East	23/01/2024 22:55	3.7	145	D	No	38	45	IA	IA	N/A	N/A
Jerrys Plains Village	23/01/2024 21:20	3.9	128	D	No	35	45	IA	IA	N/A	N/A
Jerrys Plains West	23/01/2024 21:00	4.3	128	D	No	35	45	IA	IA	N/A	N/A
HVGC	23/01/2024 23:51	3.3	147	E	No	35	--	<30	<30	N/A	N/A

1. Noise limits are adjusted by +5 dB during 'very noise-enhancing meteorological conditions' in accordance with the NPfl.

2. Site-only LAeq,15minute, includes modifying factor penalties if applicable.

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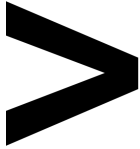
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Owner: Superintendent - Environment and Community

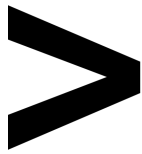
Version: 1.0

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3. Degrees magnetic north, “-” indicates calm conditions.



5.2 | LOW FREQUENCY ASSESSMENT

In accordance with the requirements of the EPA’s Noise Policy for Industry (NPfI), the applicability of the low frequency modification penalty has been assessed. No penalties were applied for monitoring undertaken through the reporting period. The assessments for the low frequency noise are shown in **Table 7** and **Table 8**.

Table 7 - Modifying Factor Assessment HVO North for the Reporting Period

Location	Start date and time	Measured HVO South L _{Aeq} dB	Very enhancing? ¹	Intermittency modifying factor?	Tonality modifying factor?	Frequency of tonality	Low-frequency modifying factor? ^{1,2}	Exceedance of reference spectrum ^{2,3}	Total penalty dB ^{2,3}
Shearers Lane	23/01/2024 21:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Knodlers Lane	23/01/2024 21:41	IA	Yes	No	No	N/A	No	N/A	Nil
Maison Dieu	23/01/2024 21:20	IA	Yes	No	No	N/A	No	N/A	Nil
Long Point (Dights Crossing)	23/01/2024 22:32	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Kilburnie South (Moses Crossing)	23/01/2024 23:17	IA	Yes	No	No	N/A	No	N/A	Nil
Jerrys Plains East	23/01/2024 22:55	30	Yes	No	No	N/A	No	N/A	Nil
Jerrys Plains Village	23/01/2024 21:20	<25	Yes	No	No	N/A	No	N/A	Nil
Jerrys Plains West	23/01/2024 21:00	<25	No	N/A	N/A	N/A	N/A	N/A	Nil

1. Low-frequency modifying factors are not applicable during 'very noise-enhancing meteorological conditions' in accordance with the NPfI.

2. NA denotes 'not applicable'.

3. Bold results indicate that application of NPfI modifying factor(s) is required.

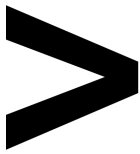


Table 8 - Modifying Factor Assessment HVO South for the Reporting Period

Location	Start date and time	Measured HVO South LAeq dB	Very enhancing? 1	Intermittency modifying factor?	Tonality modifying factor?	Frequency of tonality	Low-frequency modifying factor? 1,2	Exceedance of reference spectrum 2,3	Total penalty dB 2,3
Shearers Lane	23/01/2024 21:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Knodlers Lane	23/01/2024 21:41	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Maison Dieu	23/01/2024 21:20	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Long Point (Dights Crossing)	23/01/2024 22:32	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Kilburnie South (Moses Crossing)	23/01/2024 23:17	34	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains East	23/01/2024 22:55	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains Village	23/01/2024 21:20	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains West	23/01/2024 21:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
HVGC	23/01/2024 23:51	<30	No	N/A	N/A	N/A	N/A	N/A	Nil

1. NA denotes 'not applicable'

2. NM denotes 'not measurable'

3. Bold results indicate that application of NPF1 modifying factor/s is required

5.3 | REAL TIME NOISE MONITORING

HVO utilises a network of real-time directional noise monitors to manage noise impacts on a continuous basis, shown in **Figure 16**. Noise alarms are in place at five monitoring locations (Knodlers Lane, Maison Dieu, Jerrys Plains, Kilburnie South [Moses Crossing] and Long Point) which alert HVO staff to elevated noise levels that require investigation.

HVO investigates and responds to noise alarms with appropriate modification to operations. Changes in response to a noise alarm can include replacing equipment with alternative units, changing or relocating tasks, or shutting down equipment. It should be noted that this assessment does not compliment or conflict with attended noise monitoring detailed in **Section 5.1**. Real time monitoring data includes non-mine noise sources such as animals, road traffic and weather.

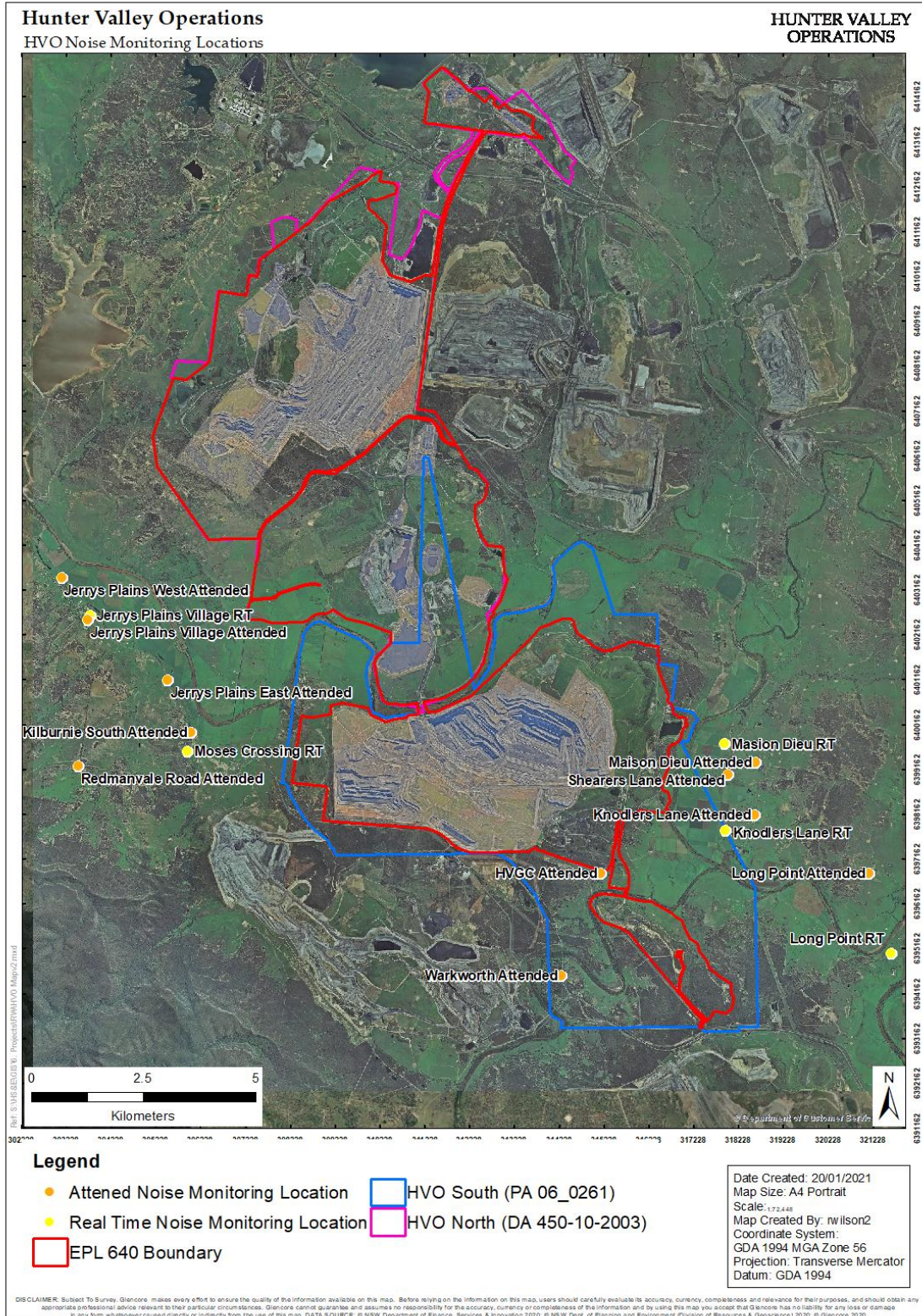
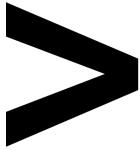


Figure 16 - Noise Monitoring Location Plan

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Review: [Planned Review Date]



6 | OPERATIONAL DOWNTIME

A total of five hundred and thirty (529) hours of equipment downtime was logged in response to real time monitoring and inspections for environmental factors such as noise and dust during the reporting period. Operational downtime by equipment type is show in **Figure 17**. Note that these delays are instances where operations were completely stopped and does not include occasions where operations were changed/modified but not stopped (e.g. changed from exposed dump to in-pit dump).

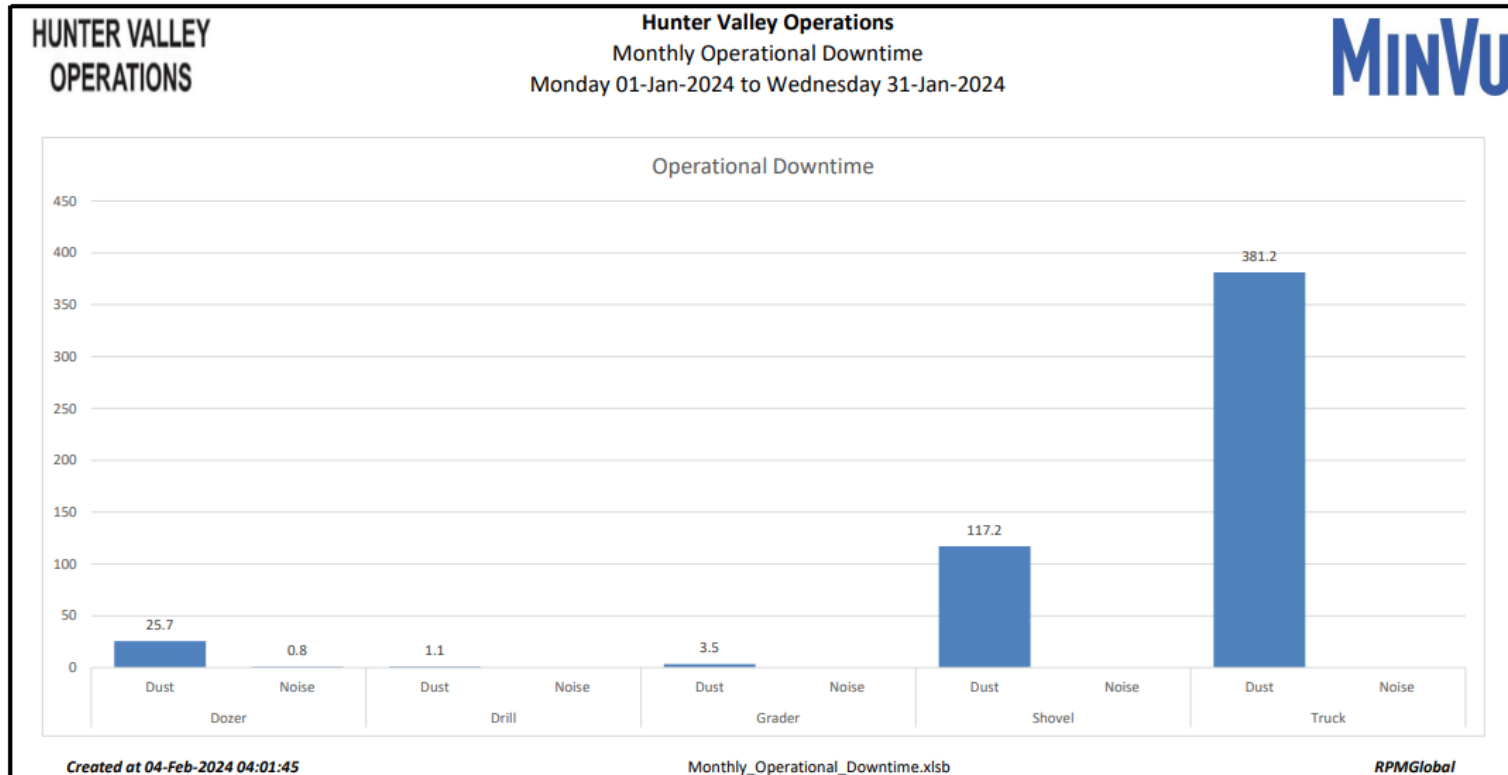


Figure 17 – Operational Downtime by Equipment Type for the Reporting Period



7 | REHABILITATION

The following activities related to rehabilitation were completed during the reporting period:

- 1.94ha of land was released (became available for the application of topsoil);
- 1.94ha of land was reshaped;
- 0.00ha of land was topsoiled; and
- 6.18ha of land was rehabilitated.

Year to date progress is shown in **Figure 18**.

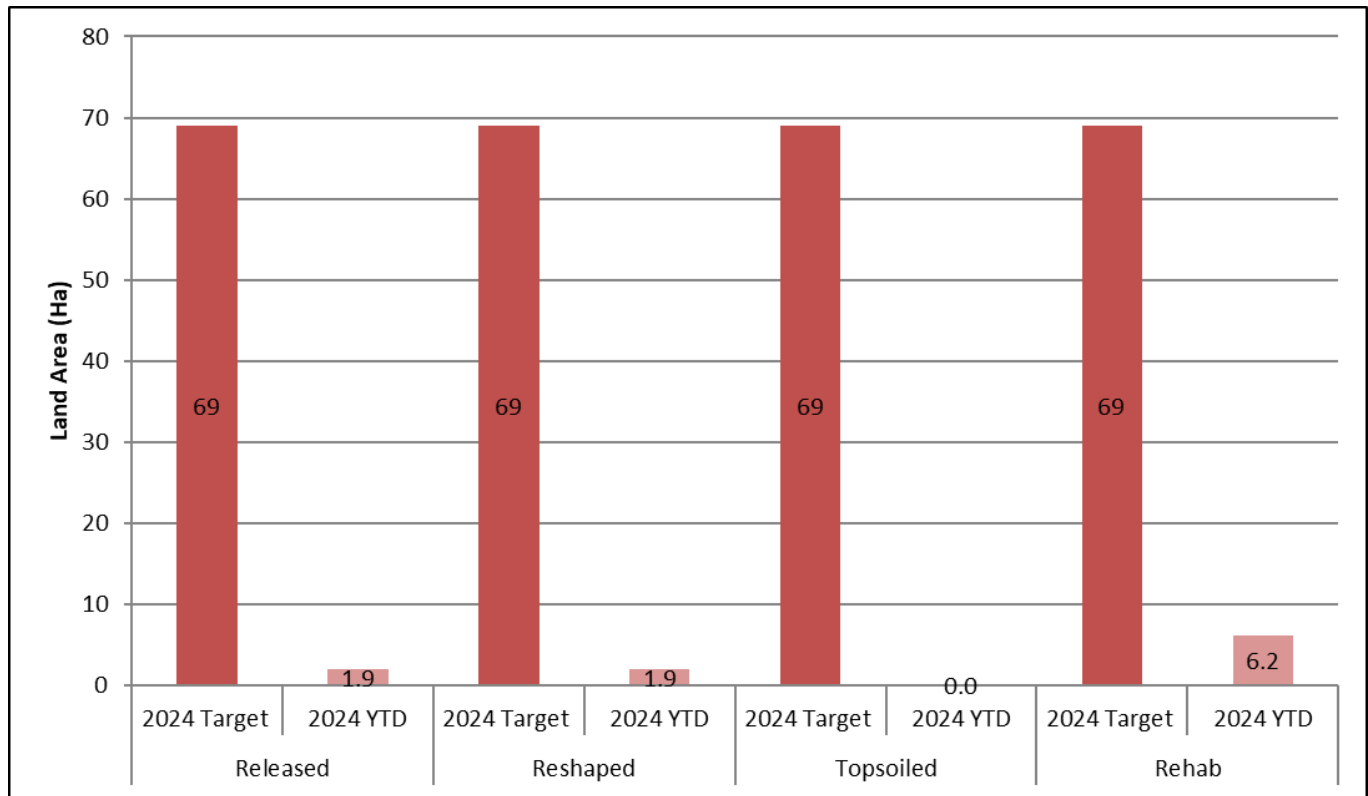
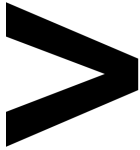


Figure 18 – Rehabilitation YTD November 2024

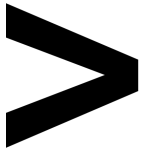


8 | COMPLAINTS

No complaints were received during the reporting period. Details of complaints received during 2024 are shown in **Table 9**.

Table 9 – Complaints Summary 2024

Complaint Number	Date	Time	Complainant ID	Nature of Complaint	Mode of Complaint	Brief Description and Response
No community complaints were received during January.						



9 | ENVIRONMENTAL INCIDENTS

One (1) reportable environmental incident occurred during the reporting period. A summary of this incident is provided below:

6/01/2024 – Gliding Club HVAS PM₁₀ mis-capture

HVO were notified by the monitoring contractor that the Gliding Club PM₁₀ HVAS failed to run for the full monitoring period on 6 January 2024. The technician collecting the sample did not note anything out of the ordinary upon arrival, or during the collection of the filter paper. The post check was conducted without any issues. An inspection of the unit and power supply was completed by an electrician with no issues being detected. The monitoring unit was reset and successfully collected subsequent samples. DPHI were notified of the mis-capture.



APPENDIX A: METEOROLOGICAL DATA (HVO CORPORATE)

Date	Air Temp Max (°C)	Air Temp Min (°C)	Relative Humidity (Max %)	Relative Humidity (Min %)	Solar Radiation Maximum (W/Sq. M)	Average Wind Direction (°)	Average Wind Speed (m/sec)	Rainfall (mm)
1/01/2024	27.99	17.56	81.00	51.47	1618.00	123.70	3.92	0.0
2/01/2024	31.74	17.50	88.20	37.00	1408.00	117.60	2.82	0.0
3/01/2024	32.71	17.65	82.60	28.42	1088.00	125.00	2.20	0.0
4/01/2024	32.91	19.03	95.30	36.60	1593.00	164.50	1.90	14.8
5/01/2024	22.98	18.25	88.60	57.00	563.80	120.50	3.90	0.2
6/01/2024	27.54	16.34	78.93	36.34	1513.00	121.30	4.08	0.0
7/01/2024	29.89	14.62	87.00	37.60	1224.00	125.00	1.85	0.0
8/01/2024	26.44	18.79	93.20	49.23	416.30	233.90	1.75	2.8
9/01/2024	29.98	19.94	87.10	52.32	1616.00	202.40	3.88	0.0
10/01/2024	32.35	19.57	88.10	45.44	1433.00	117.90	2.22	0.0
11/01/2024	33.03	20.42	92.80	40.08	1444.00	111.90	3.28	0.0
12/01/2024	31.03	20.47	93.00	37.14	1379.00	117.80	4.07	0.0
13/01/2024	34.03	17.98	88.70	26.94	1139.00	126.10	2.37	0.0
14/01/2024	24.85	19.37	91.50	62.25	1058.00	124.10	3.55	1.0
15/01/2024	23.36	17.27	95.80	60.44	1084.00	113.50	4.91	3.8
16/01/2024	25.52	17.25	91.50	57.53	1434.00	123.30	3.48	1.2
17/01/2024	32.09	17.63	95.00	38.74	1431.00	187.50	1.40	15.6
18/01/2024	31.69	20.31	94.40	34.97	1607.00	273.70	4.13	0.0
19/01/2024	32.92	16.36	70.35	12.73	1317.00	219.60	2.94	0.0
20/01/2024	32.34	17.79	84.30	30.46	1248.00	127.10	2.93	0.0
21/01/2024	38.76	18.82	87.00	13.37	1107.00	237.40	2.75	0.0
22/01/2024	30.59	19.62	76.77	27.02	1367.00	124.80	4.66	0.0
23/01/2024	28.08	17.65	86.60	40.51	1543.00	113.00	3.98	0.0
24/01/2024	36.47	15.31	85.80	20.60	1325.00	216.90	1.32	0.0
25/01/2024	40.77	25.43	53.89	17.32	1286.00	227.70	2.38	0.0
26/01/2024	40.47	22.03	80.40	19.20	1254.00	244.60	5.27	0.0
27/01/2024	24.85	19.84	85.60	61.03	779.10	112.30	3.82	0.0
28/01/2024	26.22	18.90	89.00	57.28	1145.00	114.60	3.39	0.0
29/01/2024	36.89	19.09	84.90	25.15	1028.00	142.30	2.74	0.0
30/01/2024	33.47	21.80	85.80	40.07	1378.00	111.60	3.80	0.0
31/01/2024	31.52	20.70	86.20	40.31	1354.00	113.70	3.53	0.0