

**HUNTER VALLEY**  
OPERATIONS

**MONTHLY  
ENVIRONMENTAL  
MONITORING REPORT  
JANUARY 2026**

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Superintendent - Environment and Community



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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 2026 (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 2024, 2025 and 2026 trends are shown in Figure 1.

Table 1 - Rainfall data for the reporting period

2026	Monthly Rainfall (mm)	Cumulative Rainfall (mm)
January	74.2	74.2

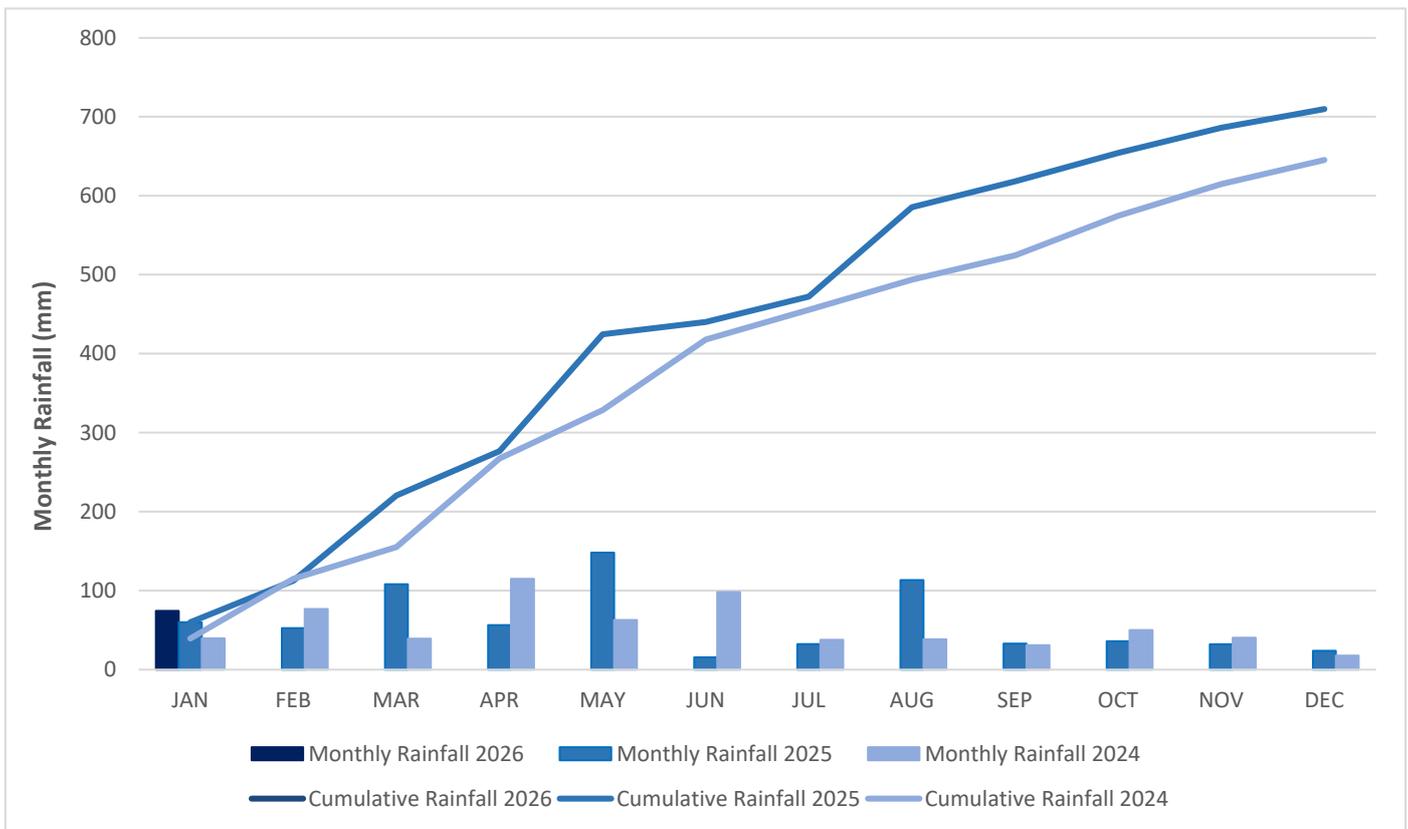


Figure 1 - Rainfall Summary 2024 – 2026



2.1.2 | WIND SPEED AND DIRECTION

Figure 2 and Figure 3 wind roses show wind speeds and directions during the reporting period at HVO Corporate and Cheshunt meteorological stations. South Easterly winds were prevailing at both HVO Corporate weather station and HVO Cheshunt weather station during the reporting period.

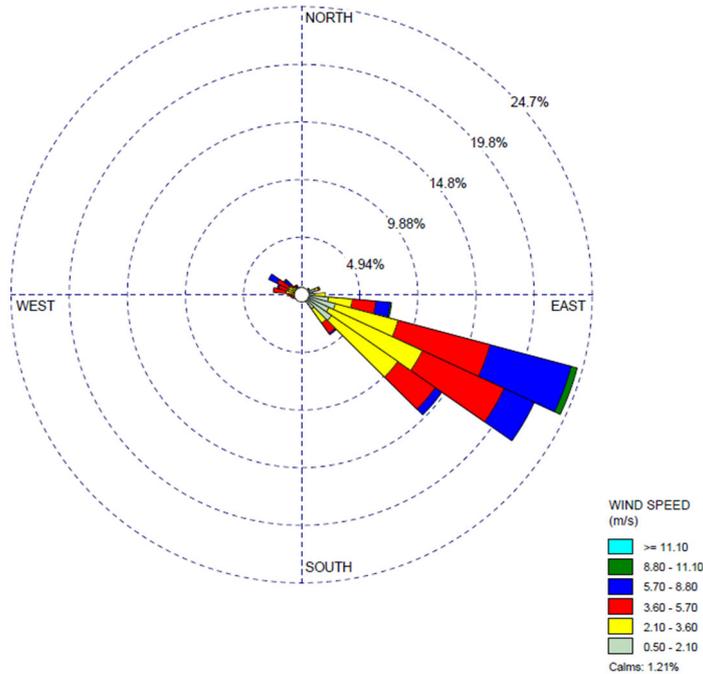


Figure 2 – HVO Corporate Wind Rose for the Reporting Period

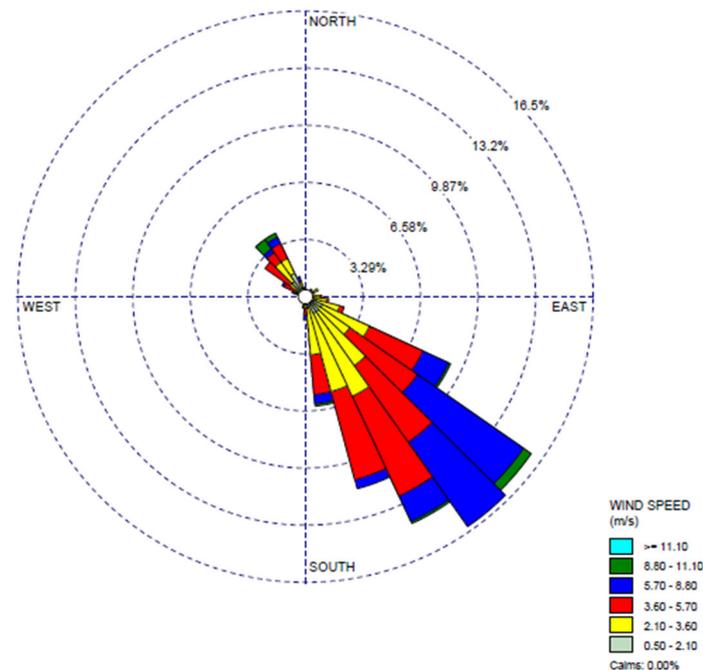


Figure 3 – HVO Cheshunt Wind Rose for the Reporting Period

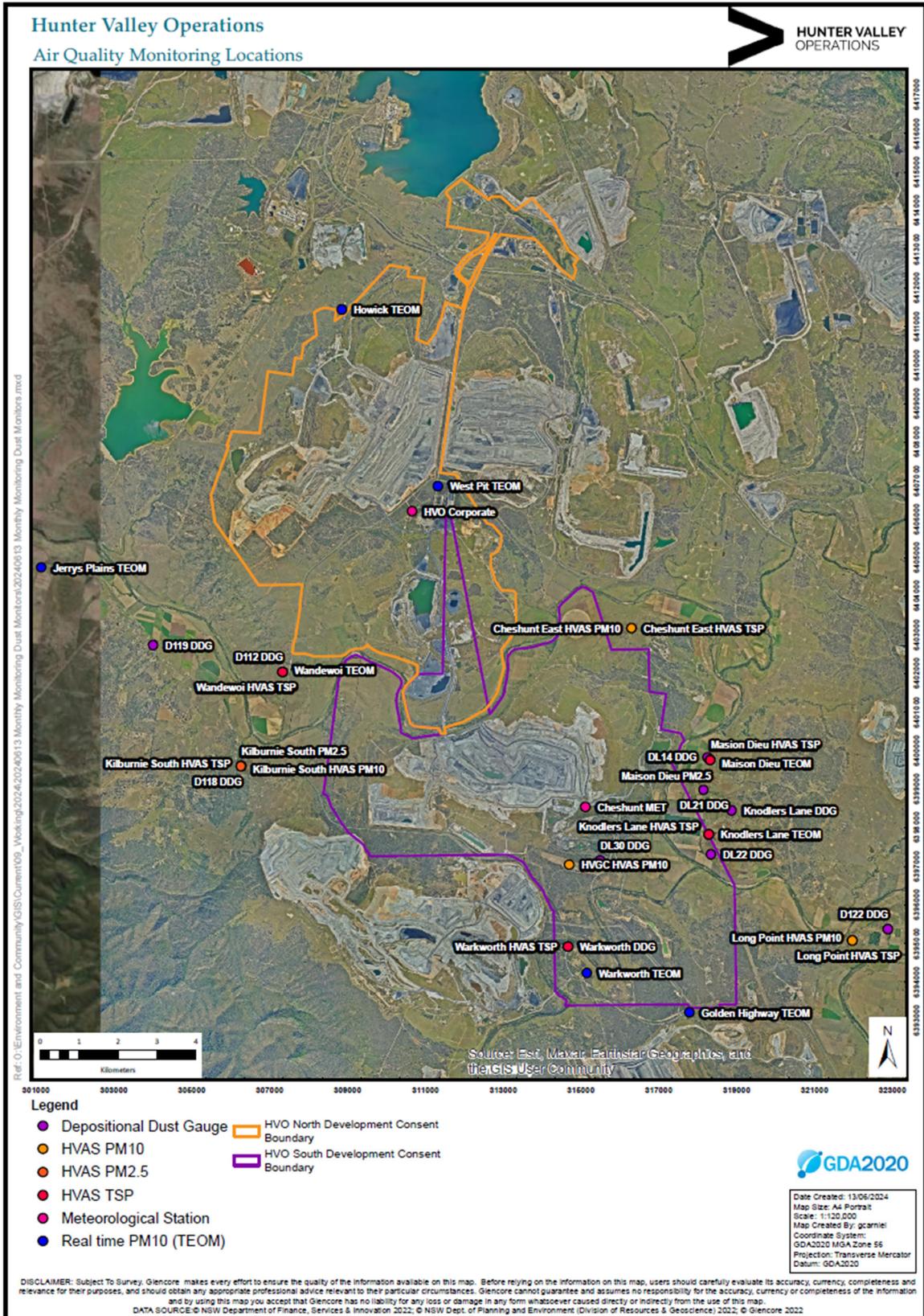


Figure 4 – Air Quality Monitoring Location Plan

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2.2 | DEPOSITIONAL DUST

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

Figure 5 displays year-to-date (YTD) 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 2026 Annual Review.

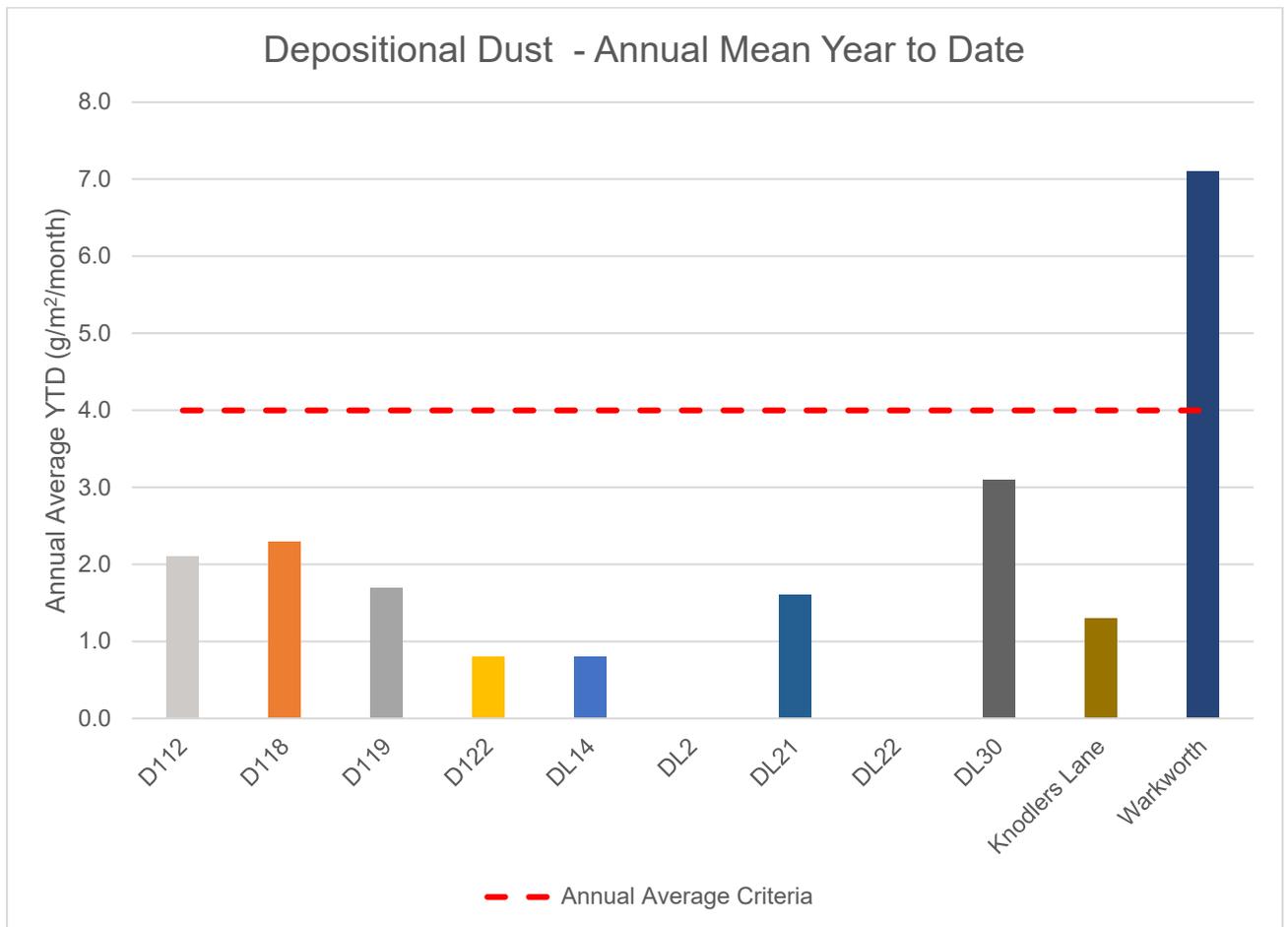


Figure 5 – YTD Depositional Dust Results as at end of the Reporting Period



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 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.

It is noted that the measured PM10 and PM2.5 levels recorded on January 31 coincided with bushfire events occurring in the area which may have affected the air quality in the region.

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 for the reporting period. All monitors were below the short-term impact assessment criteria during the reporting period, with the exception of the Gliding Club on the 25 and 31 of January and Cheshunt East, Kilburnie South and Long Point on the 31 of January. All potential exceedances investigated, where applicable, were below the short-term impact assessment criteria.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2026 Annual Review.

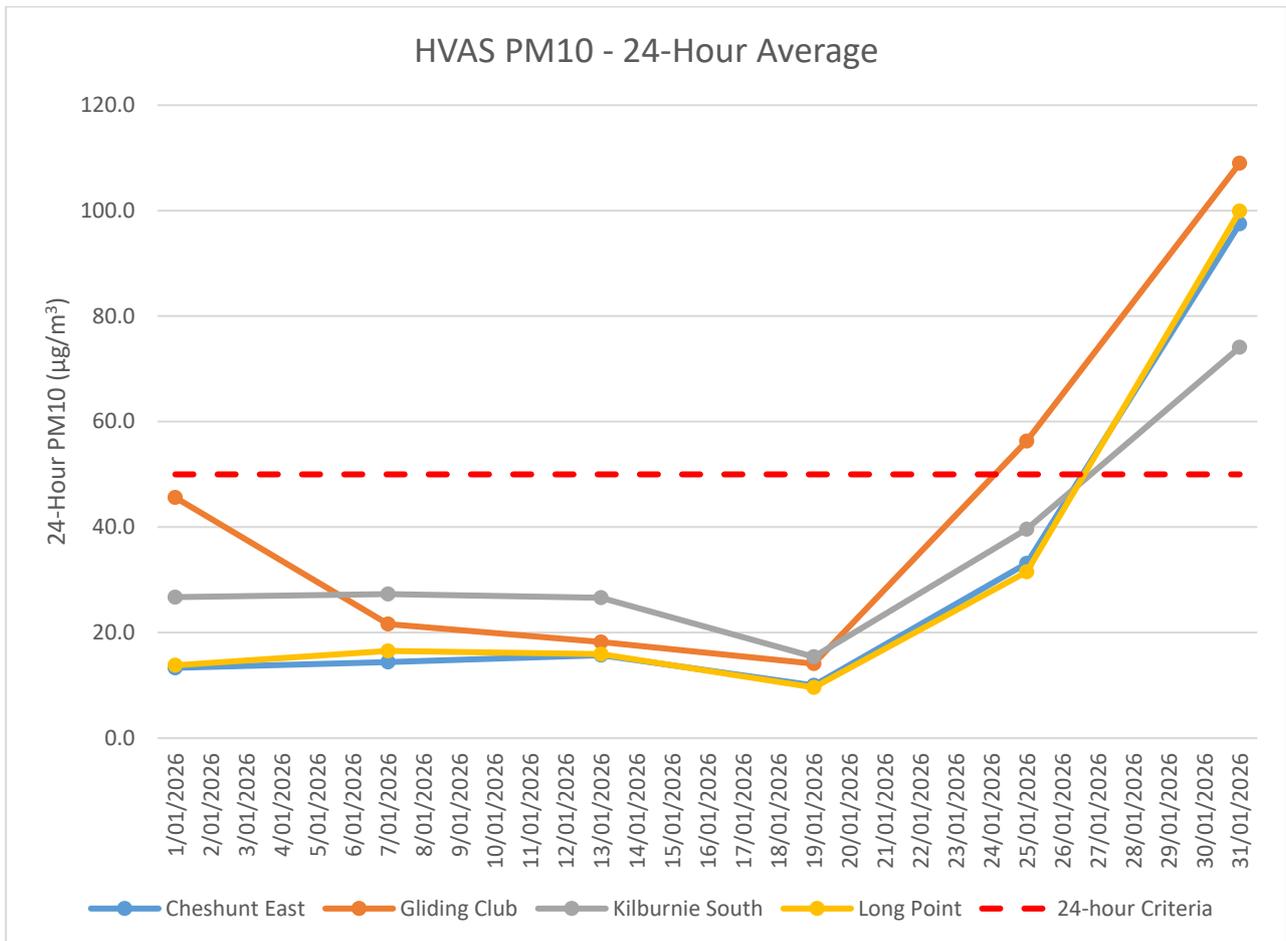


Figure 6 – Individual PM<sub>10</sub> Results for the Reporting Period

**2.3.1.2 | PERFORMANCE AGAINST LONG TERM IMPACT ASSESSMENT CRITERIA**

Figure 7 shows the year-to-date rolling annual average PM<sub>10</sub> results. All monitoring sites annual averages reported at the end of the period were above both South and North Annual Average Criteria.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2026 Annual Review.

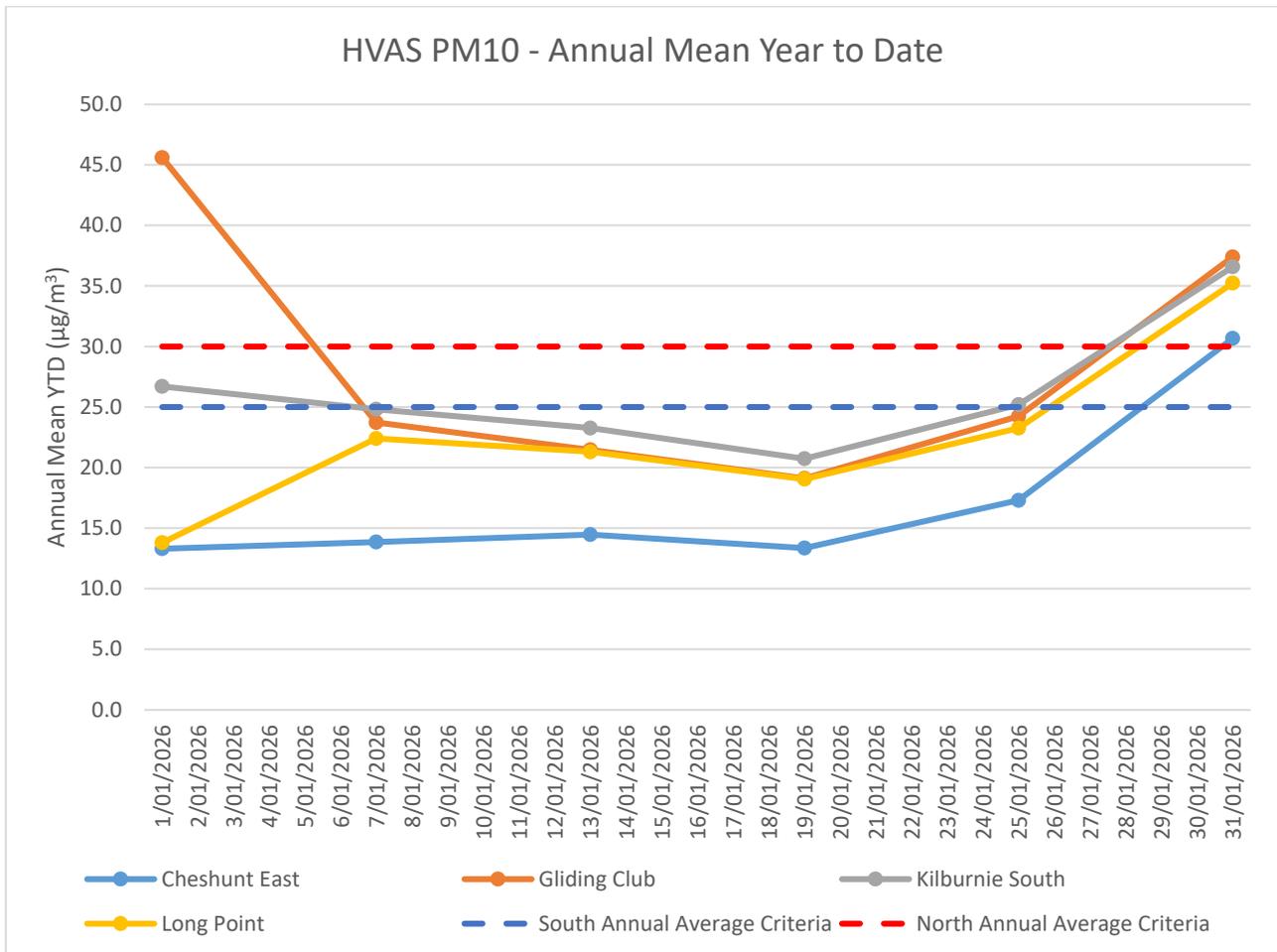


Figure 7 – Year to Date Average PM<sub>10</sub> as at end of the Reporting Period



2.3.2 | HVAS PM<sub>2.5</sub> RESULTS

HVO monitors PM<sub>2.5</sub> at two HVAS locations, Kilburnie South and Maison Dieu.

2.3.2.1 | HVAS PM<sub>2.5</sub> RESULTS

Figure 8 shows individual PM<sub>2.5</sub> results at each monitoring station against the HVO South short-term impact assessment criteria of 25µg/m<sup>3</sup> for the reporting period. Both monitors were below the relevant short-term impact assessment criteria during the reporting period, with the exception of Kilburnie South on the 25 and 31 of January and Maison Dieu on the 31 of January. The potential exceedances were investigated internally by HVO and it was found that the maximum calculated HVO contributions were below the compliance limit on all occurrences.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2026 Annual Review.

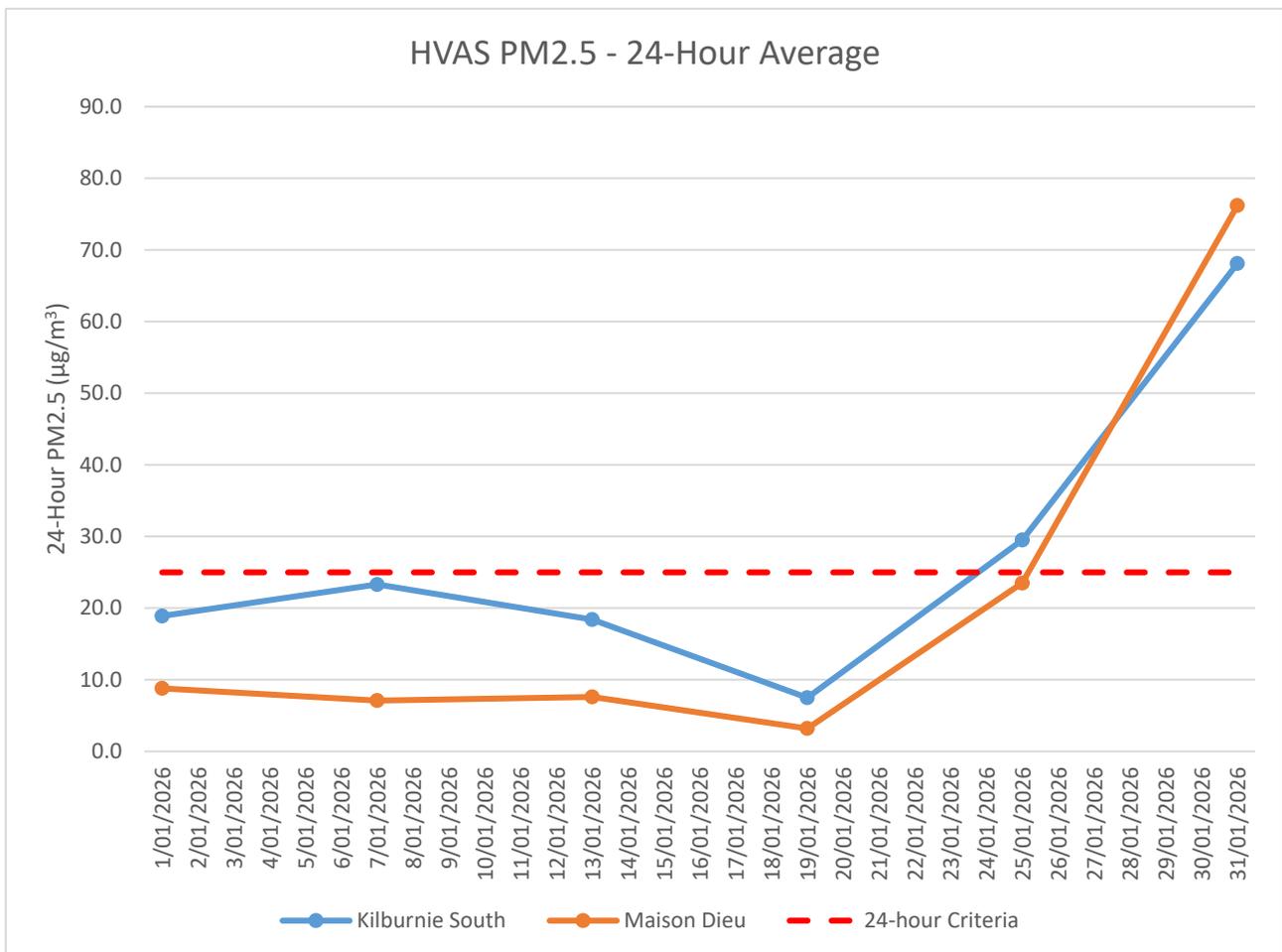


Figure 8 - Results for the Reporting Period



2.3.2.2 | PERFORMANCE AGAINST LONG TERM IMPACT ASSESSMENT CRITERIA

Figure 9 shows the year-to-date annual average PM<sub>2.5</sub> results. During the reporting period, the annual average year to date results show Kilburnie South and Maison Dieu above the PM<sub>2.5</sub> annual rolling mean criteria of 8µg/m<sup>3</sup>.

An assessment of HVO’s contribution against the long-term impact assessment criteria will be provided in the 2026 Annual Review.

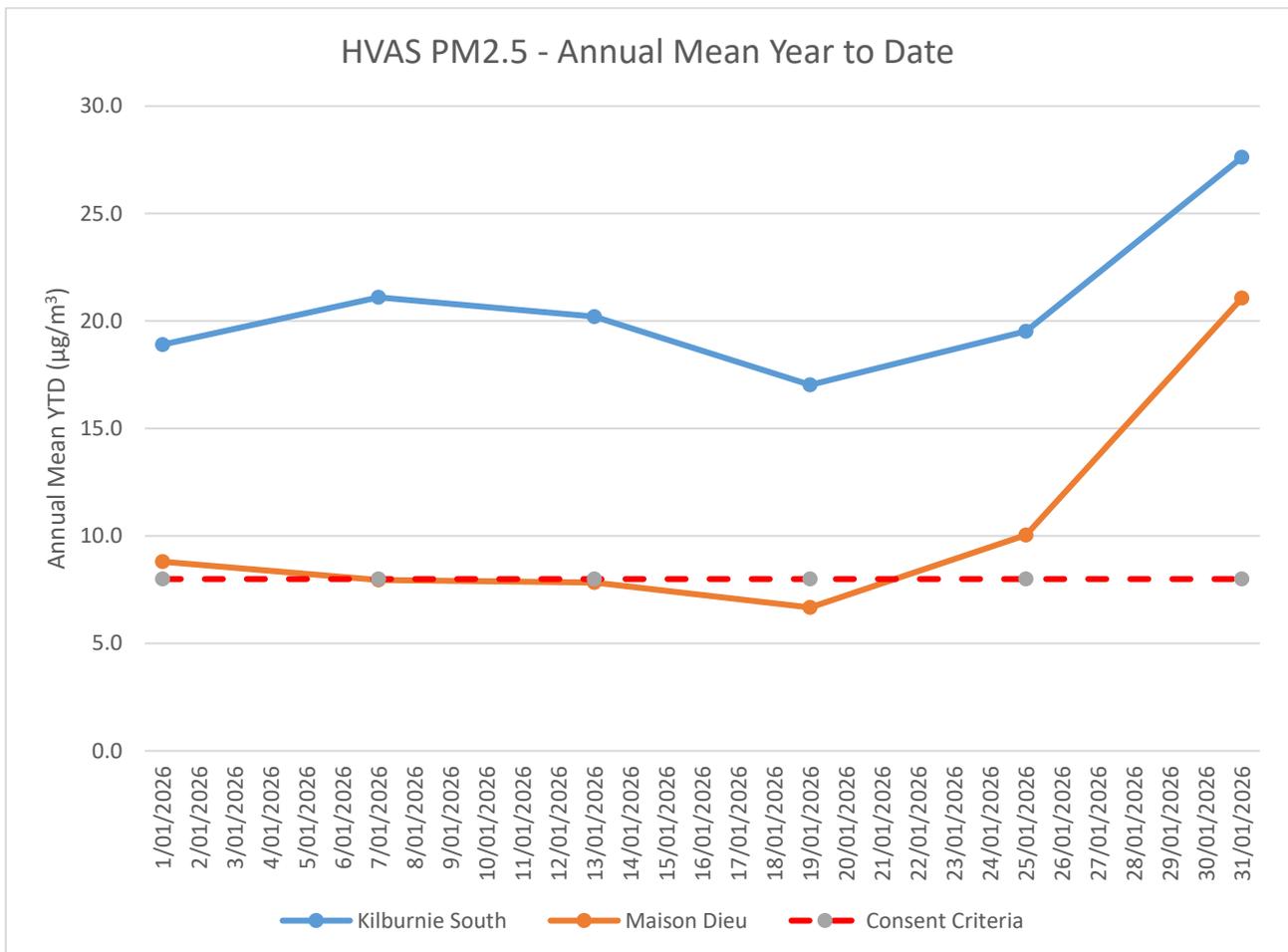


Figure 9 - Year to Date Average PM<sub>2.5</sub> as at end of the Reporting Period



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.

All monitors, except for Warkworth, Kilburnie South, Knodlers Lane and Wandewoi, 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 2026 Annual Review.

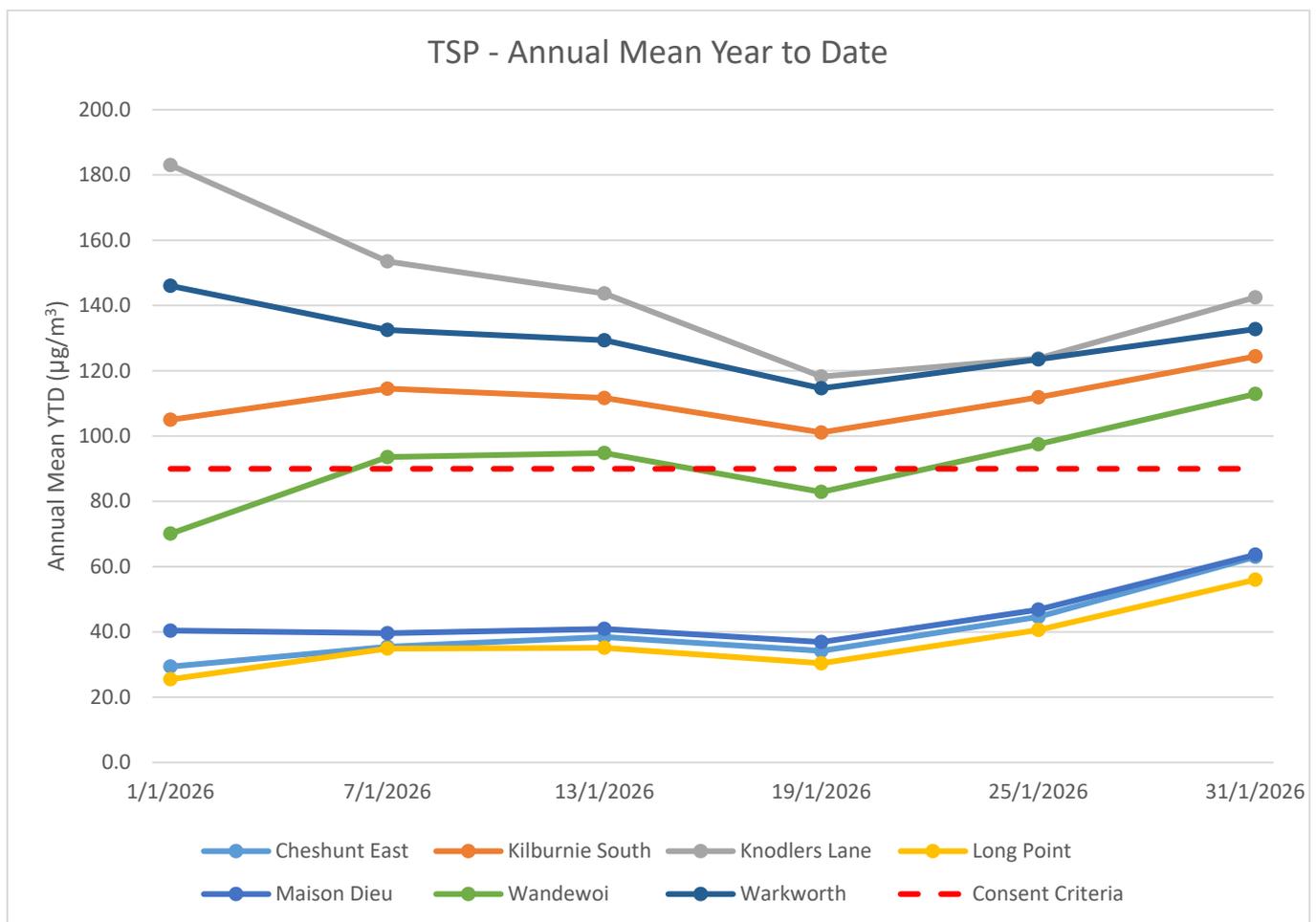


Figure 10 - Year to Date Average Total Suspended Particulates as at end of the Reporting Period



2.3.4 | REAL TIME PM<sub>10</sub> RESULTS

HVO maintains a network of real time PM<sub>10</sub> 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 HVO trigger levels. Results from real time PM<sub>10</sub> 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 *Error! Reference source not found.* shows the daily 24-hour average PM<sub>10</sub> results from the real time monitoring sites. During the reporting period, daily results were below the 24-hr average criteria of 50µg/m<sup>3</sup>, with the exception of:

- Warkworth on 1, 9, 10, 11, 30 and 31 January
- Jerrys Plains 31 January
- Maison Dieu on 10 and 31 January

The potential exceedances were investigated internally by HVO and found that the maximum calculated HVO contributions were below the relevant compliance limits.

All monitors reported data capture rates of more than 75% on the respective dates, with the exception of Knodlers Lane monitor did not report a result from the 5 to 8 and 31 January due to a mis-capture event and therefore is not displayed for that date

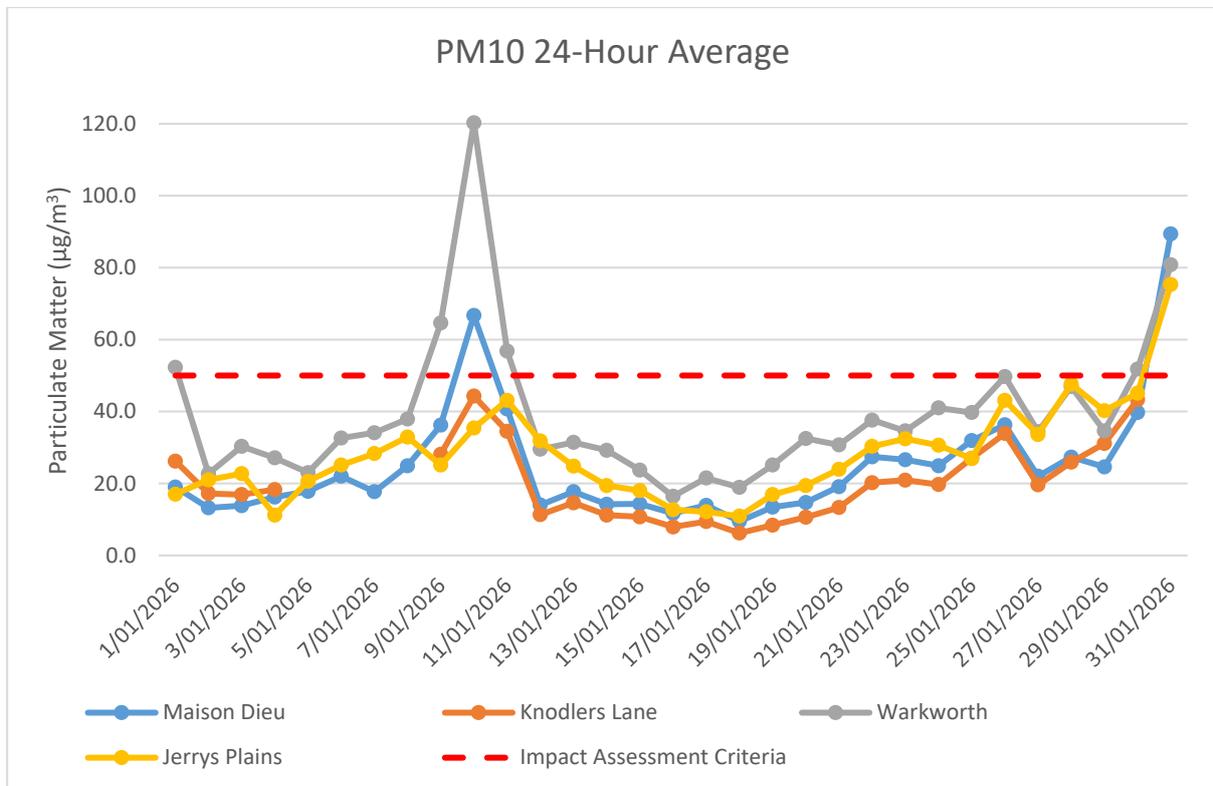


Figure 11 – Real Time PM<sub>10</sub> 24hr for the Reporting Period



Figure 12 shows the annual rolling average PM<sub>10</sub> results from the real time monitoring sites. All monitoring results were below the annual average for the relevant long-term impact assessment criteria for North during the reporting period, with the exception of Warkworth. All monitoring results were above the annual average for the relevant long-term impact assessment criteria for South during the reporting period, with the exception of Knodlers Lane.

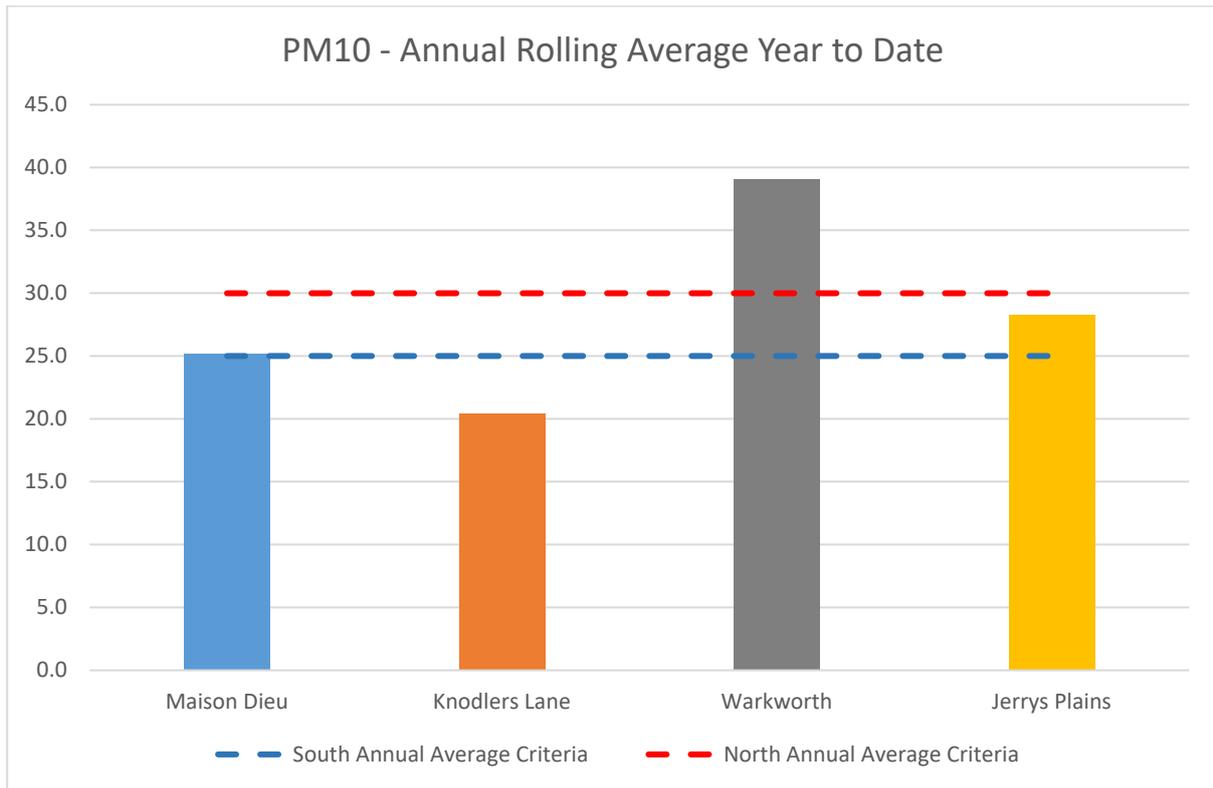


Figure 12 – Real Time PM<sub>10</sub> Annual Average for the Reporting Period

### 2.3.5 | REAL TIME ALARMS FOR AIR QUALITY

The real time monitoring system generated one hundred and thirty-nine (139) automated air quality related alarms during the reporting period. Thirty-eight (38) alarms related to adverse weather conditions (wind or rain) and one hundred and one (101) 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 2026 Monthly Environmental Monitoring Report.

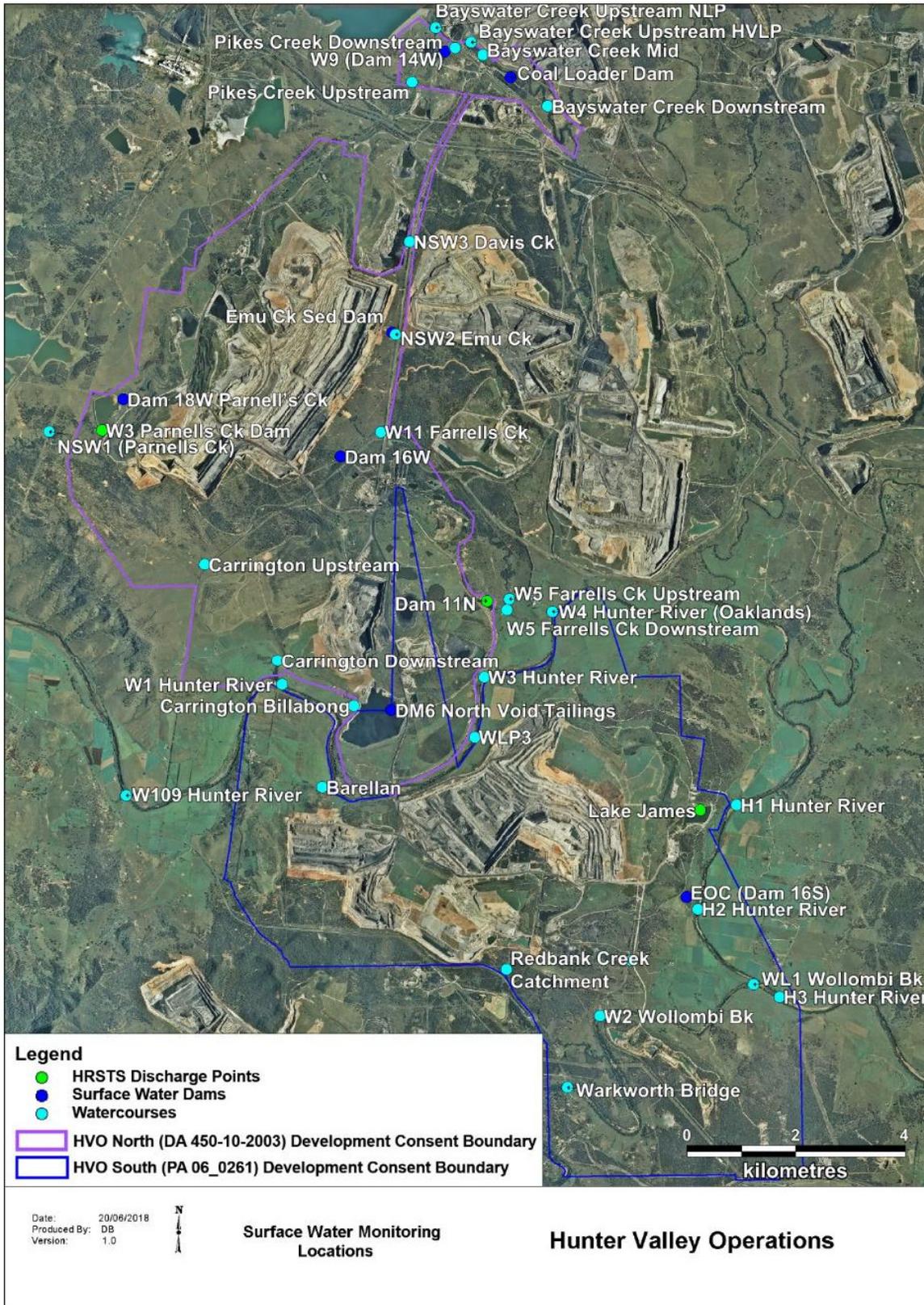


Figure 13 – HVO Surface Water Monitoring Locations



### 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 2026 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.

No discharges were undertaken during this 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 2026 Monthly Environmental Monitoring Report.

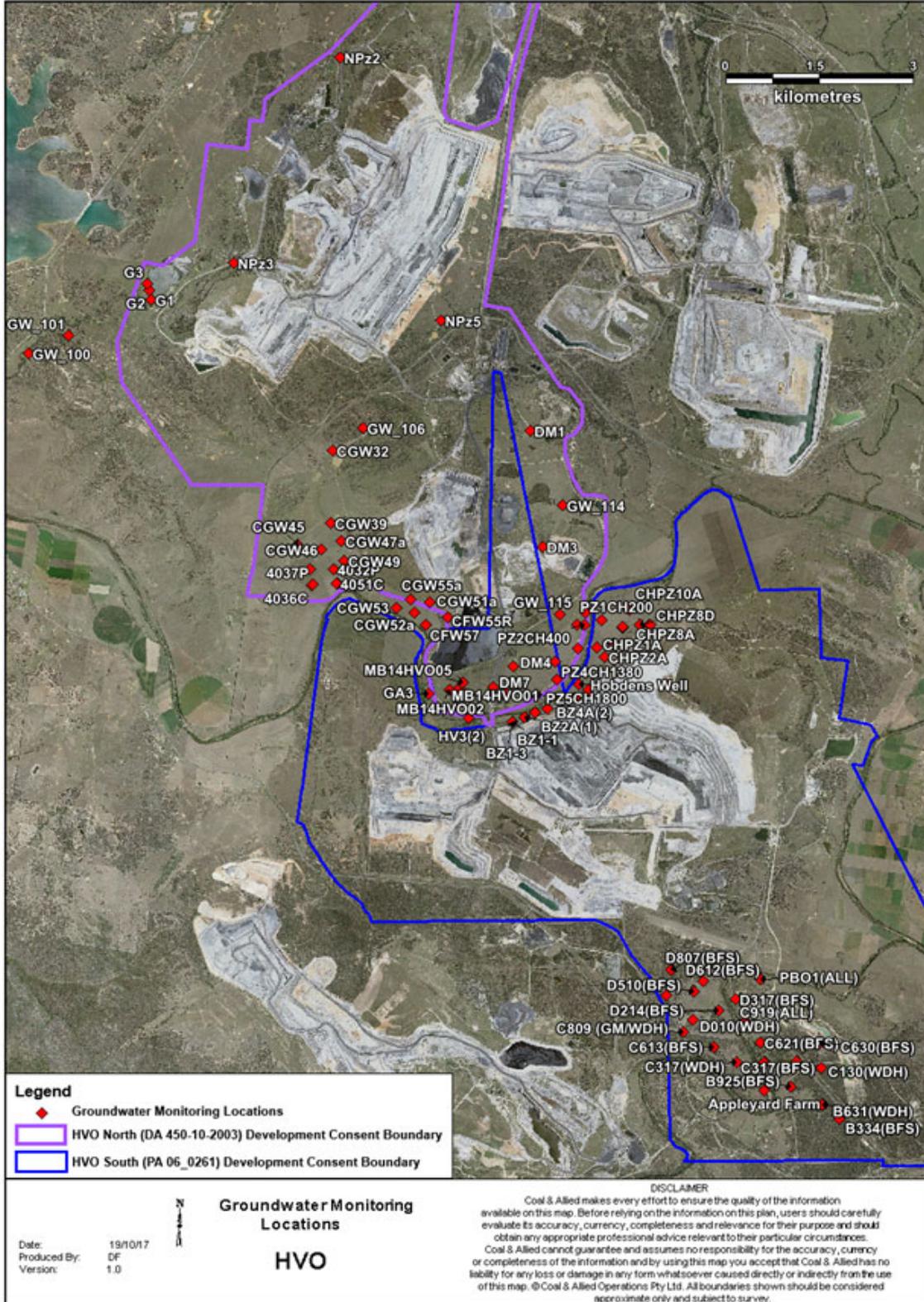


Figure 14 - Groundwater Monitoring Locations at HVO



### 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 2026 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*

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



**4.1 | BLAST MONITORING RESULTS**

Twenty-four (24) 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*

<b>Date and Time</b>	<b>Moses Crossing (dBL)</b>	<b>Jerrys Plains Village (dBL)</b>	<b>Maison Dieu (dBL)</b>	<b>Warkworth (dBL)</b>	<b>Knodlers Lane (dBL)</b>
2/01/2026 11:38	101.70	103.06	107.46	93.12	97.94
2/01/2026 13:32	106.26	105.09	104.62	95.47	97.99
2/01/2026 13:34	102.51	106.48	102.40	93.58	97.54
5/01/2026 13:14	92.03	93.21	92.88	94.74	87.26
6/01/2026 12:31	97.93	96.42	96.33	96.83	92.92
6/01/2026 14:12	89.57	88.51	96.31	93.85	92.86
7/01/2026 11:03	103.00	93.31	99.58	99.90	98.44
7/01/2026 13:19	82.39	93.69	94.75	87.58	85.7
8/01/2026 13:19	95.00	85.23	90.85	90.78	99.65
9/01/2026 13:07	100.25	102.36	91.98	89.81	91.66
10/01/2026 13:30	109.95	113.32	104.24	97.86	111.61
12/01/2026 12:59	98.15	92.02	102.51	88.84	88.97
14/01/2026 13:02	98.15	98.63	113.10	100.95	103.19
15/01/2026 12:54	92.97	86.60	92.57	90.27	93.73
16/01/2026 12:51	92.93	96.08	84.11	96.18	76.36
20/01/2026 12:12	96.13	102.34	98.90	82.73	96.58
21/01/2026 13:10	95.67	87.20	96.16	96.16	96.35
23/01/2026 12:50	97.04	101.04	96.77	99.51	95.48
23/01/2026 12:52	103.16	102.96	104.73	101.37	101.82
28/01/2026 11:32	95.40	94.95	93.07	99.24	93.56
28/01/2026 13:16	90.16	94.69	94.28	91.89	96.68
28/01/2026 13:20	98.28	100.77	91.73	92.71	92.61
30/01/2026 12:59	89.90	93.93	86.53	84.52	77.45
31/01/2026 13:09	83.94	83.14	94.66	84.94	89.78



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

<b>Date and Time</b>	<b>Moses Crossing (mm/s)</b>	<b>Jerrys Plains Village (mm/s)</b>	<b>Maison Dieu (mm/s)</b>	<b>Warkworth (mm/s)</b>	<b>Knodlers Lane (mm/s)</b>
2/01/2026 11:38	0.16	0.14	0.16	0.07	0.12
2/01/2026 13:32	0.09	0.08	0.14	0.11	0.13
2/01/2026 13:34	0.23	0.11	0.14	0.23	0.13
5/01/2026 13:14	0.24	0.20	0.14	0.91	0.11
6/01/2026 12:31	0.14	0.12	0.17	0.36	0.12
6/01/2026 14:12	0.25	0.26	0.10	0.50	0.09
7/01/2026 11:03	0.14	0.14	0.25	0.41	0.17
7/01/2026 13:19	0.16	0.18	0.12	0.10	0.09
8/01/2026 13:19	0.43	0.21	0.23	1.02	0.17
9/01/2026 13:07	0.30	0.32	0.32	0.44	0.12
10/01/2026 13:30	0.23	0.20	0.11	0.09	0.11
12/01/2026 12:59	0.22	0.19	0.20	0.24	0.12
14/01/2026 13:02	0.07	0.09	0.09	0.35	0.10
15/01/2026 12:54	0.20	0.14	0.18	0.09	0.13
16/01/2026 12:51	0.10	0.09	0.24	0.54	0.15
20/01/2026 12:12	0.28	0.23	0.25	0.10	0.13
21/01/2026 13:10	0.30	0.16	0.97	1.32	0.89
23/01/2026 12:50	0.15	0.11	0.30	0.48	0.52
23/01/2026 12:52	1.65	0.45	0.34	1.13	0.46
28/01/2026 11:32	0.10	0.10	0.09	0.29	0.09
28/01/2026 13:16	0.13	0.12	0.18	0.25	0.11
28/01/2026 13:20	0.15	0.13	0.33	0.51	0.31
30/01/2026 12:59	0.19	0.18	0.11	0.06	0.10
31/01/2026 13:09	0.29	0.22	0.21	0.10	0.11

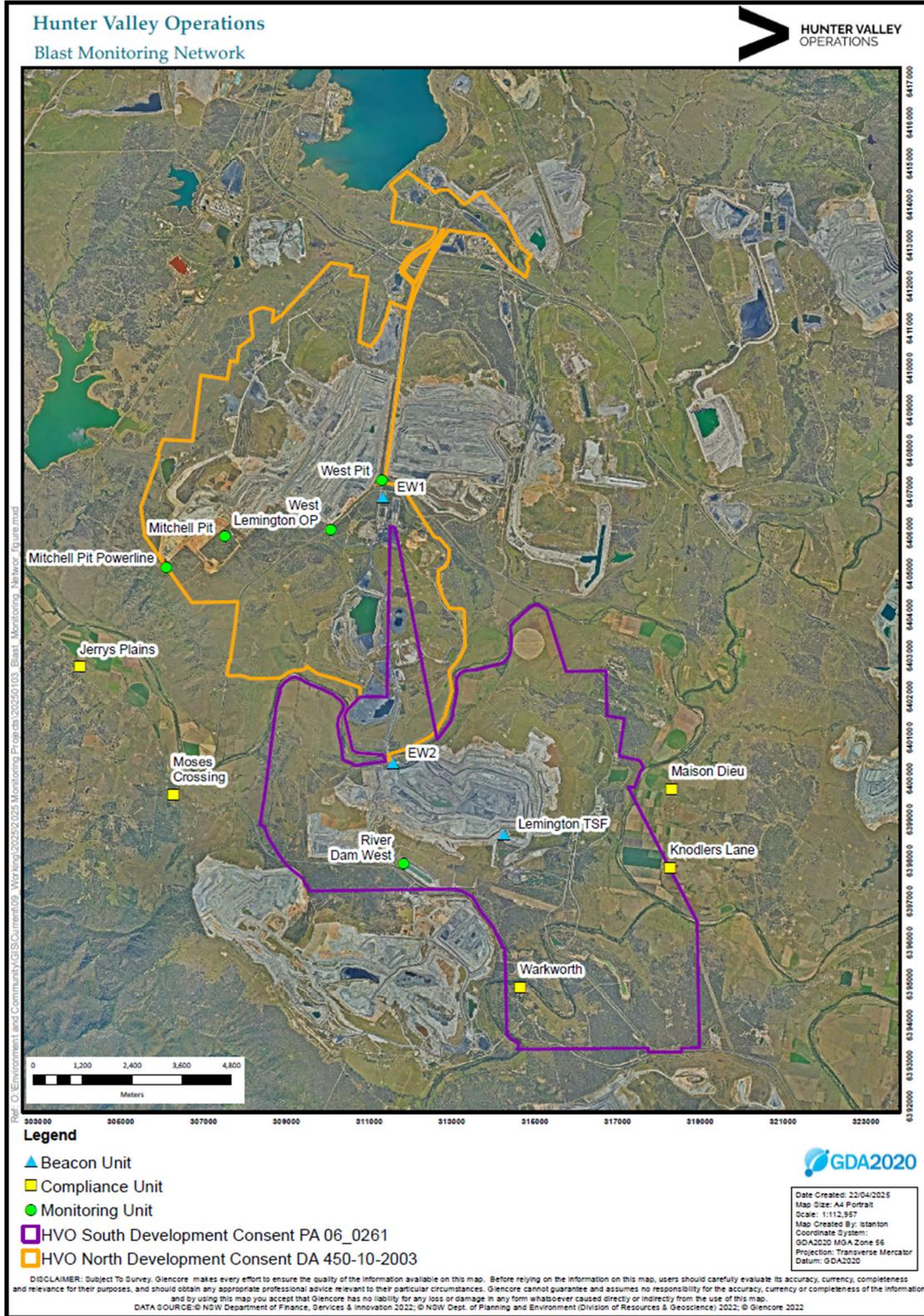


Figure 15 - Blast Monitoring Location Plan



## 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 28/29 January 2026.

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	Limits apply? <sup>1</sup>	HVO North limits, dB		HVO North levels, dB <sup>2,3</sup>		Exceedances, dB <sup>1</sup>	
		Speed m/s	Direction <sup>4</sup>			L <sub>Aeq,15minute</sub>	L <sub>A1,1min</sub>	L <sub>Aeq,15minute</sub> <sup>2</sup>	L <sub>A1,1min</sub>	L <sub>Aeq,15minute</sub>	L <sub>A1,1min</sub>
Shearers Lane	28/01/2026 22:00	5.0	115	D	No	35	46	IA	IA	N/A	N/A
Knodlers Lane	28/01/2026 22:41	4.8	118	D	No	35	46	IA	IA	N/A	N/A
Maison Dieu	28/01/2026 22:20	4.6	115	D	No	35	46	IA	IA	N/A	N/A
Long Point (Dights Crossing)	28/01/2026 23:11	3.9	115	D	No	35	46	IA	IA	N/A	N/A
Moses Crossing	29/01/2026 00:05	6.7	107	D	No	39	46	IA	IA	N/A	N/A
Jerrys Plains East	28/01/2026 23:43	6.4	107	D	No	39	46	IA	IA	N/A	N/A
Jerrys Plains Village	28/01/2026 22:22	4.6	115	D	No	40	46	31	33	N/A	N/A
Jerrys Plains West	28/01/2026 22:00	5.0	115	D	No	40	46	28	30	N/A	N/A

Notes: 1. Noise emission limits are applicable if weather conditions were within parameters specified in Section 2.4. N/A in exceedance column indicates that limits were not applicable due to weather conditions.

2. Site-only L<sub>Aeq,15minute</sub>, includes modifying factor penalties if applicable.

3. Site-only L<sub>A1,1minute</sub> based on measured site-only L<sub>Amax</sub> as detailed in Section 3.2.

4. Degrees magnetic north, "-" indicates calm conditions.

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

Location	Start date and time	Wind		Stability class	Limits apply? <sup>1</sup>	HVO South limits, dB		HVO South levels, dB <sup>2,3</sup>		Exceedances, dB <sup>1</sup>	
		Speed m/s	Direction <sup>4</sup>			L <sub>Aeq,15minute</sub>	L <sub>A1,1min</sub>	L <sub>Aeq,15minute</sub>	L <sub>A1,1min</sub>	L <sub>Aeq,15minute</sub>	L <sub>A1,1min</sub>
Shearers Lane	28/01/2026 22:00	4.6	146	D	No	41	45	IA	IA	N/A	N/A
Knodlers Lane	28/01/2026 22:41	4.3	155	D	No	40	45	IA	IA	N/A	N/A
Maison Dieu	28/01/2026 22:20	4.5	142	D	No	39	45	IA	IA	N/A	N/A
Long Point (Dights Crossing)	28/01/2026 23:11	6.2	145	D	No	37	45	IA	IA	N/A	N/A
Moses Crossing	29/01/2026 00:05	6.5	135	D	No	39	45	IA	IA	N/A	N/A
Jerrys Plains East	28/01/2026 23:43	6.8	132	D	No	38	45	IA	IA	N/A	N/A
Jerrys Plains Village	28/01/2026 22:22	4.5	142	D	No	35	45	IA	IA	N/A	N/A
Jerrys Plains West	28/01/2026 22:00	4.6	146	D	No	35	45	IA	IA	N/A	N/A
HVGC	29/01/2026 00:33	6.8	144	D	No	55	-	IA	IA	N/A	-

Notes 1. Noise emission limits are applicable if weather conditions were within parameters specified in Section 2.4. N/A in exceedance column indicates that limits were not applicable due to weather conditions.

2. Site-only L<sub>Aeq,15minute</sub>, includes modifying factor penalties if applicable.

3. Site-only L<sub>A1,1minute</sub> based on measured site-only L<sub>Amax</sub> as detailed in Section 3.2.

4. Degrees magnetic north, "-" indicates calm conditions.

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**Version:** 1.0

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**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 North L <sub>Aeq</sub> dB	Limits apply? <sup>1</sup>	Intermittency modifying factor? <sup>2</sup>	Tonality modifying factor? <sup>2</sup>	Frequency of tonality <sup>2</sup>	Low-frequency modifying factor? <sup>2</sup>	Exceedance of reference spectrum <sup>2,3</sup>	Total penalty dB <sup>2,3</sup>
Shearers Lane	28/01/2026 22:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Knodlers Lane	28/01/2026 22:41	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Maison Dieu	28/01/2026 22:20	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Long Point (Dights Crossing)	28/01/2026 23:11	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Moses Crossing	29/01/2026 00:05	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains East	28/01/2026 23:43	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains Village	28/01/2026 22:22	31	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains West	28/01/2026 22:00	28	No	N/A	N/A	N/A	N/A	N/A	Nil

- Notes:
1. Modifying factors are considered not applicable when noise limits are not applicable.
  2. Yes/No denote modifying factor was or was not applied. N/A denotes assessment was 'not applicable' due to meteorological conditions or further assessment was not required.
  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 L <sub>Aeq</sub> dB	Limits apply? <sup>1</sup>	Intermittency modifying factor? <sup>2</sup>	Tonality modifying factor? <sup>2</sup>	Frequency of tonality <sup>2</sup>	Low-frequency modifying factor? <sup>2</sup>	Exceedance of reference spectrum <sup>2,3</sup>	Total penalty dB <sup>2,3</sup>
Shearers Lane	28/01/2026 22:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Knodlers Lane	28/01/2026 22:41	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Maison Dieu	28/01/2026 22:20	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Long Point (Dights Crossing)	28/01/2026 23:11	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Moses Crossing	29/01/2026 00:05	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains East	28/01/2026 23:43	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains Village	28/01/2026 22:22	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
Jerrys Plains West	28/01/2026 22:00	IA	No	N/A	N/A	N/A	N/A	N/A	Nil
HVGC	29/01/2026 00:33	IA	No	N/A	N/A	N/A	N/A	N/A	Nil

Notes

1. Modifying factors are considered not applicable when noise limits are not applicable.
2. Yes/No denote modifying factor was or was not applied. N/A denotes assessment was 'not applicable' due to meteorological conditions or further assessment was not required.
3. Bold results indicate that application of NPfl 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, 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.

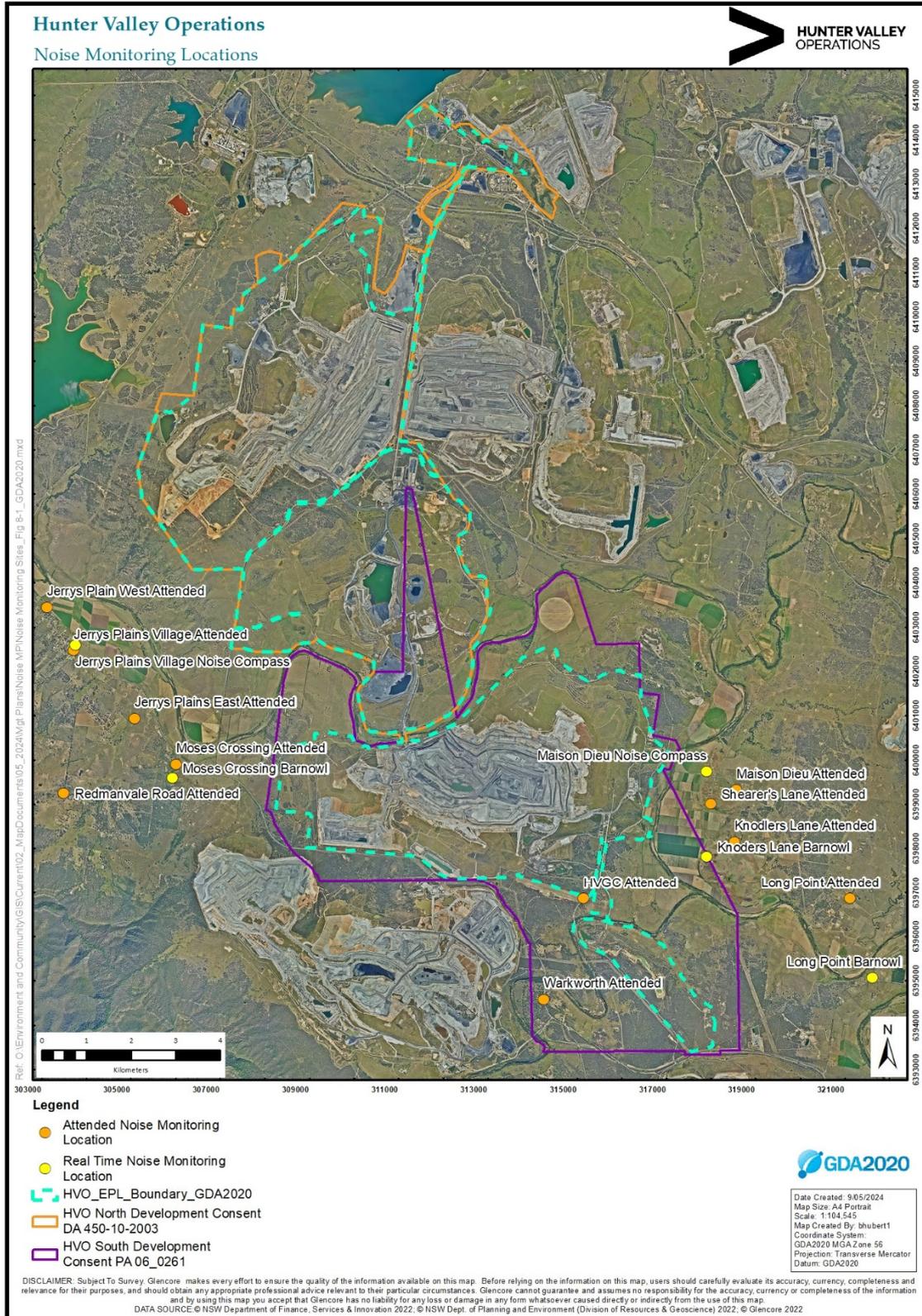


Figure 16 - Noise Monitoring Location Plan

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## 6 | OPERATIONAL DOWNTIME

Real time monitoring and inspections for environmental factors recorded the following hours of equipment downtime during the reporting period:

- Three hundred and eighty-one point three (381.3) hours for dust, and
- Three point three (3.3) hours for noise.

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).

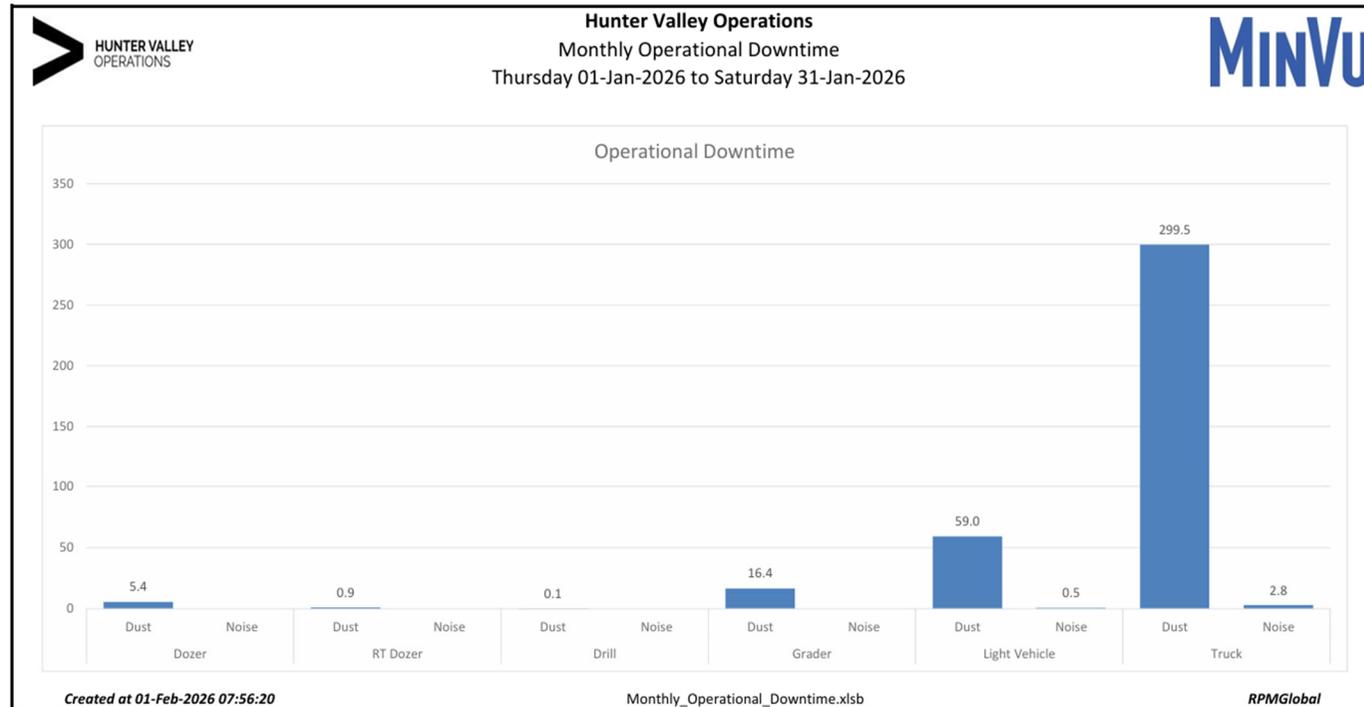


Figure 17 - Operational Downtime by Equipment Type for the Reporting Period



### 7 | REHABILITATION

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

- 0.44ha of land was reshaped;
- 0.44ha of land was released (became available for the application of topsoil);
- 0.44ha of land was topsoiled; and
- 0.44ha of land was rehabilitated.

Year to date progress is shown in Figure 18.

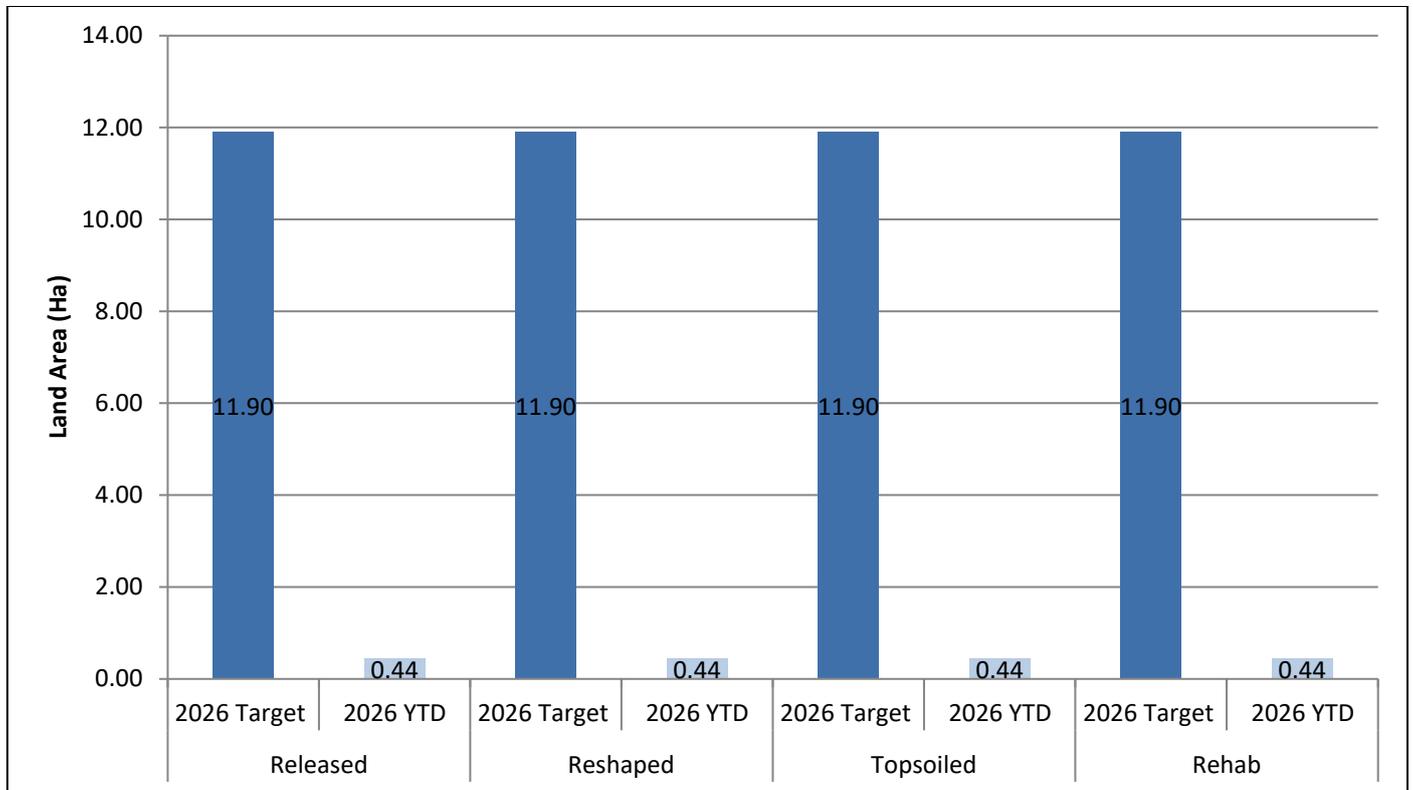


Figure 18 - Rehabilitation YTD January 2026

## 8 | COMPLAINTS

No community complaints were received during the reporting period. Details of complaints received during 2026 are shown in Table 9.

*Table 9 - Complaints Summary 2026*

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

No reportable environmental incident occurred during this reporting period.



**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)
1/01/2026	26.48	14.13	87.00	41.52	1453	122.0	4.36	0.0
2/01/2026	25.97	13.78	91.70	40.15	1556	117.5	4.98	0.0
3/01/2026	32.64	15.20	89.60	30.33	1328	143.2	2.45	9.0
4/01/2026	33.82	17.49	91.20	30.12	1254	216.5	3.11	5.8
5/01/2026	32.53	15.67	93.50	30.04	1176	167.2	2.34	1.4
6/01/2026	32.13	18.39	92.30	28.35	1204	119.9	2.75	0.0
7/01/2026	35.91	18.38	91.20	16.95	1098	109.2	2.46	0.0
8/01/2026	38.54	19.21	76.54	12.76	1137	172.9	2.41	0.0
9/01/2026	40.16	18.71	83.50	12.07	1115	220.2	2.66	0.0
10/01/2026	37.94	25.56	39.84	17.91	1113	301.8	5.74	0.0
11/01/2026	31.25	15.34	95.20	25.83	1274	131.2	5.35	25.6
12/01/2026	24.18	14.71	94.80	60.29	1554	115.5	4.20	1.2
13/01/2026	30.70	17.69	93.50	40.89	1379	109.3	3.37	0.0
14/01/2026	26.67	18.16	93.60	55.24	1565	124.5	3.73	7.0
15/01/2026	29.40	17.98	94.80	53.42	1486	117.3	2.24	21.2
16/01/2026	26.22	18.03	94.90	62.06	1556	119.1	3.02	0.0
17/01/2026	27.98	17.28	89.50	46.94	1478	125.7	3.36	0.0
18/01/2026	23.33	16.37	93.40	65.90	1603	114.4	5.02	3.0
19/01/2026	25.53	15.63	92.90	45.30	1671	114.4	4.13	0.4
20/01/2026	27.26	15.12	87.80	37.03	1500	118.3	3.44	0.0
21/01/2026	29.22	15.06	87.10	32.66	1207	150.4	2.07	0.0
22/01/2026	35.36	16.07	79.71	19.26	1391	185.8	4.32	0.0
23/01/2026	25.99	15.70	74.50	42.90	1656	114.2	4.33	0.0
24/01/2026	36.13	14.88	88.10	24.50	1074	158.0	2.73	0.0
25/01/2026	40.73	18.70	89.10	9.40	1073	175.5	1.48	0.0
26/01/2026	30.90	20.03	68.62	29.55	1009	125.6	4.72	0.0
27/01/2026	28.84	16.19	78.28	40.45	1438	119.3	4.07	0.0
28/01/2026	34.01	14.65	86.40	16.19	1085	126.5	2.73	0.0
29/01/2026	31.03	18.57	82.60	34.45	1035	117.0	5.11	0.0
30/01/2026	33.15	18.37	80.90	26.90	1500	114.2	2.31	0.0
31/01/2026	40.78	19.30	87.20	17.99	991	142.3	1.96	0.0