

Mt Arthur Coal

Community Consultative Committee

Planned Meeting Date: 13 May 2026

Information provided: 1 January 2026 to 31 March 2026

Environmental Management

FY26 Rehabilitation & Land Management Update

Mt Arthur's Rehabilitation Strategy was updated after MOD2 and submitted to DPHI following consultation with CPHR (State department for biodiversity) Muswellbrook Shire Council and the Resources Regulator.

Mt Arthur's FY26 target is 70ha of rehabilitation in the Saddlers North pit area (Figure 1 below), comprising both woodland and pasture areas. The execution team have completed bulk shaping works and only the finishing touches remain for drainage lines and topsoil. 52 hectares have been seeded. The remaining area is on track for seeding in May.

NOTE grey areas are woodland areas completed with gypsum and compost. The brown areas are pasture areas where the topsoil is spread ready for fertilizing and seeding.

Weed treatment continued to focus on maintenance of FY25 woodland rehabilitation areas at Saddlers North and targeting exotic grasses in establishing woodland rehabilitation including VD4 and VD5.

Construction began on an onsite nursery to assist with tube stock supply and support local seed collection activities.

Pest Management program update – Dog, goat and pig programs were completed over March and April. Additional dog and pig control programs are currently underway.



Figure 1. Saddlers North Pit area

Environmental Performance

Air Quality Monitoring (1 January 2026 to 31 March 2026)

- This paper covers the performance of all six statutory PM10 monitoring sites using TEOMs, and the two dust deposition gauges.
- In accordance with the Project Approval, an air quality incident is now defined as exceedance of the 24-hour averaging period criterion, incremental impact only.
- During the reporting period, the impact assessment criteria was not exceeded at any of the statutory TEOM monitoring sites.
- Table 1 below provides an equipment performance summary. Over 90% of dust data was captured from five statutory PM10 monitoring sites during the reporting period.
- Equipment availability remains high following implementation of several improvement initiatives including the purchase of new TEOMs, UPS battery units & communication loggers.

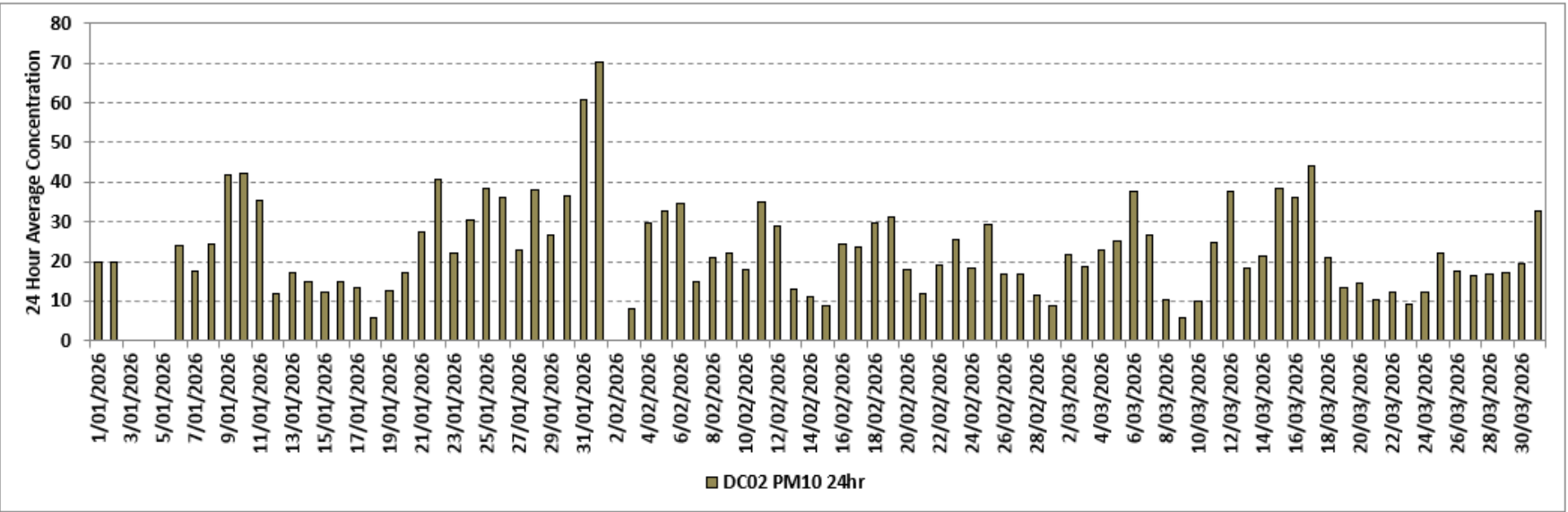
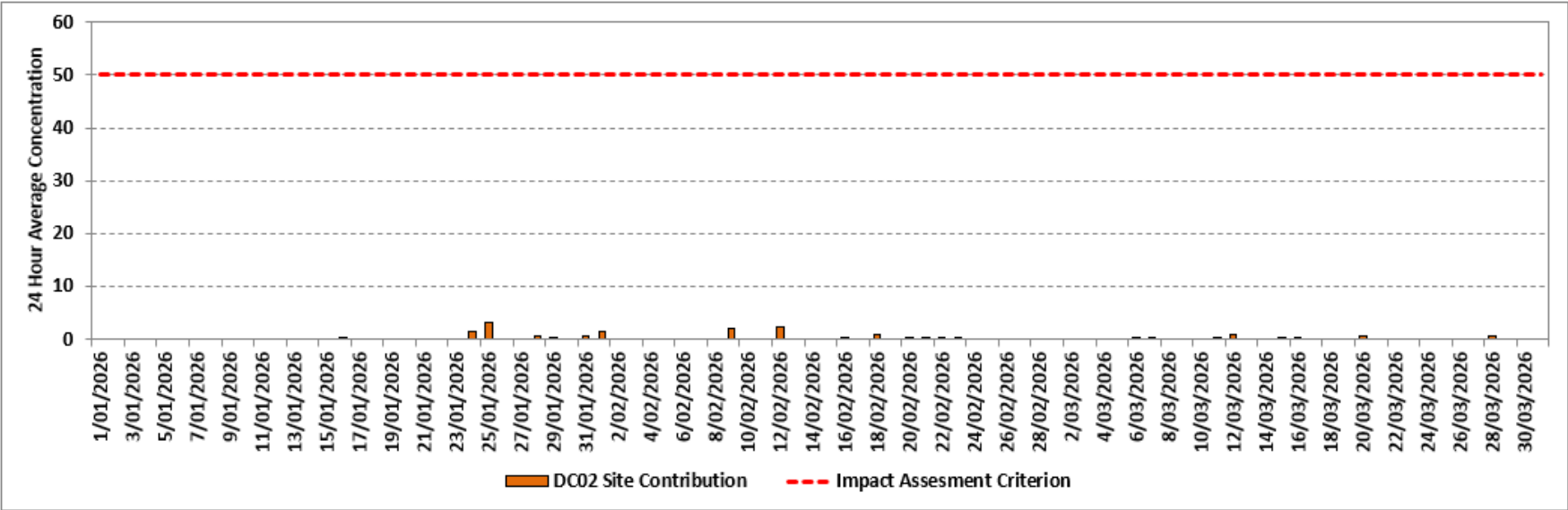
Table 1. Equipment Performance Summary

Site	Date/s	Reason
DC02	03/01/2026 to 05/01/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.
DC04	10/01/2026 to 12/01/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.
DC05	01/02/2026, 02/02/2026, 06/02/2026 to 09/02/2026, 25/03/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.
DC06	21/02/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.
DC07	01/02/2026, 02/02/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.
DC09	02/02/2026, 11/02/2026	During the period listed <75% data captured due to power, technical or equipment connectivity issues.

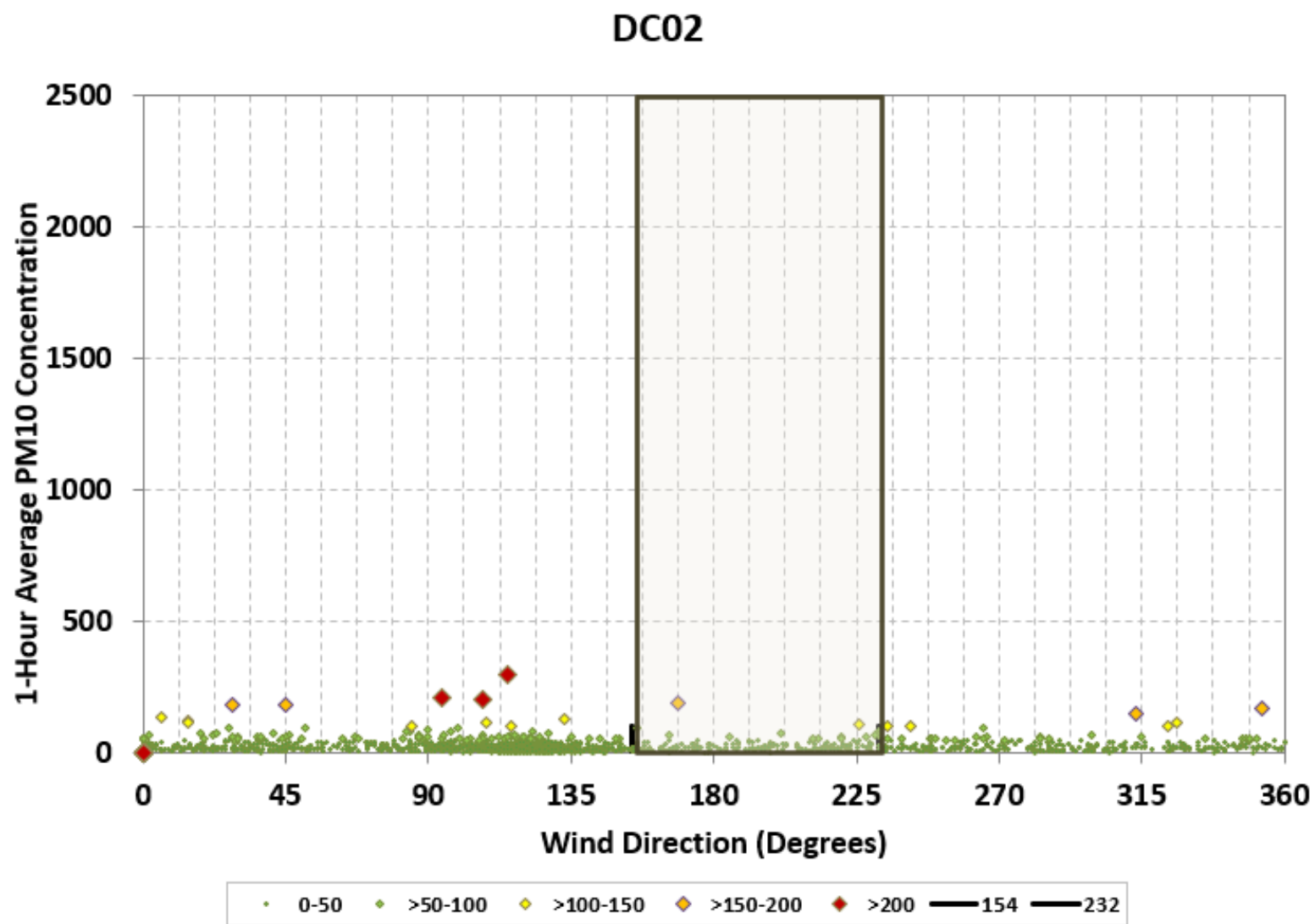
- A guide has been provided at the end of this section to assist in the interpretation of the results and figures. The figures within this section have been developed in line with consultation with members of the CCC.

Sheppard Avenue – DC02

Data capture – 96%

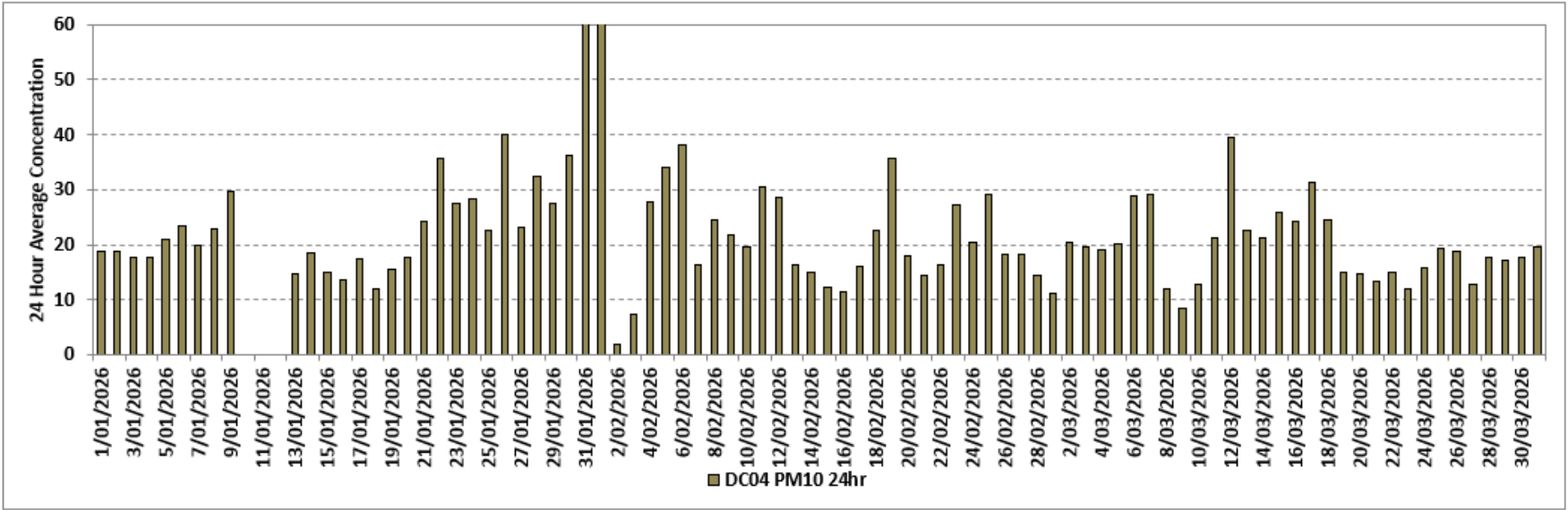
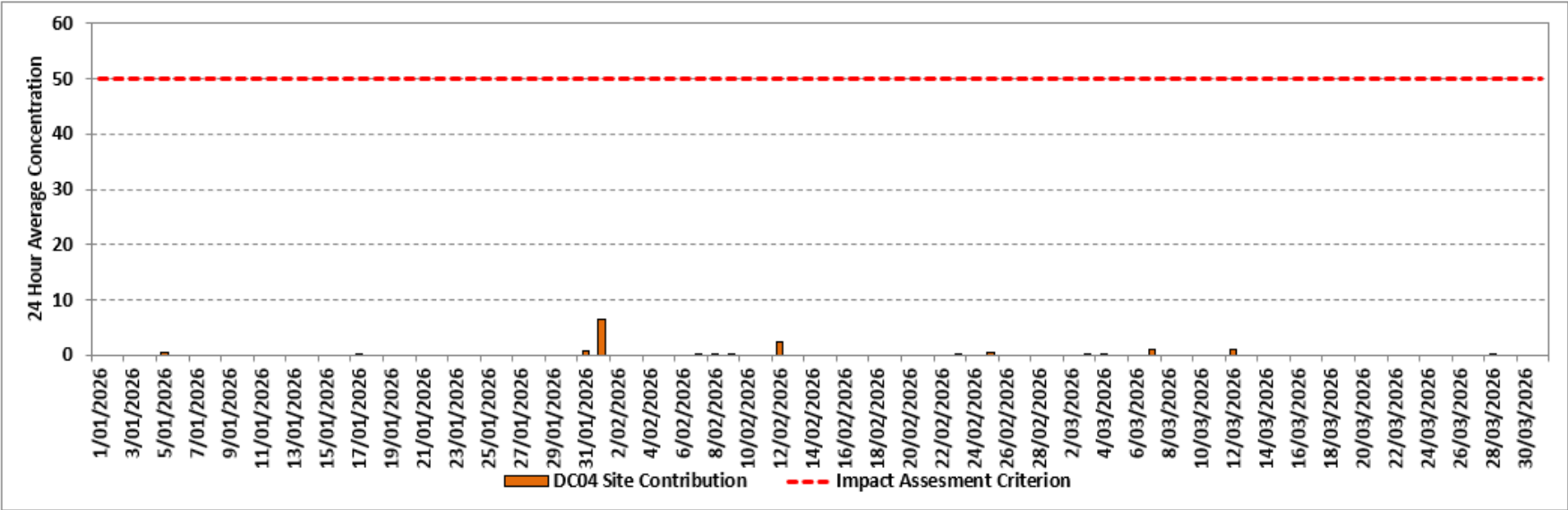


Sheppard Avenue – DC02

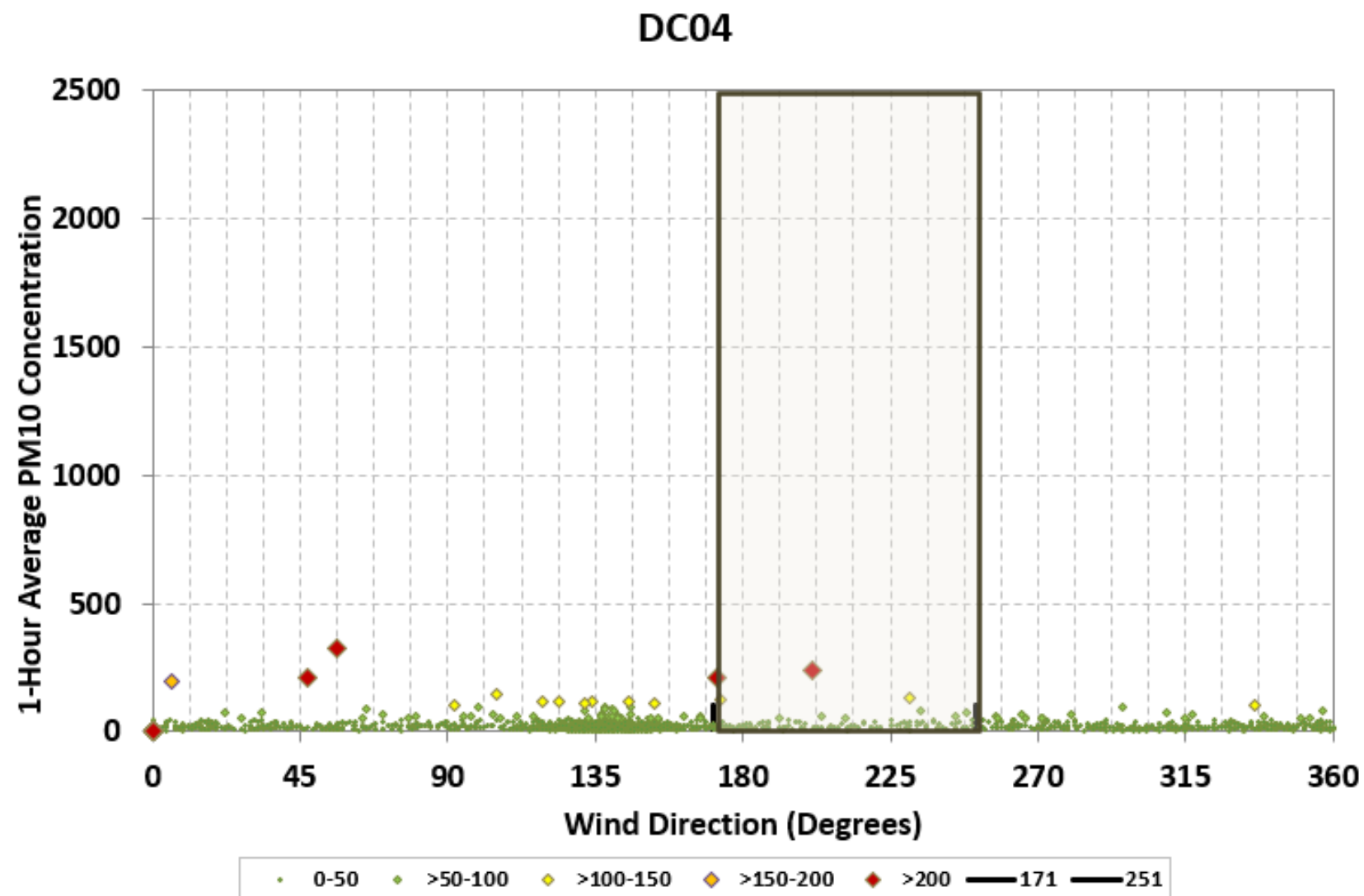


South Muswellbrook – DC04

Data capture – 97%

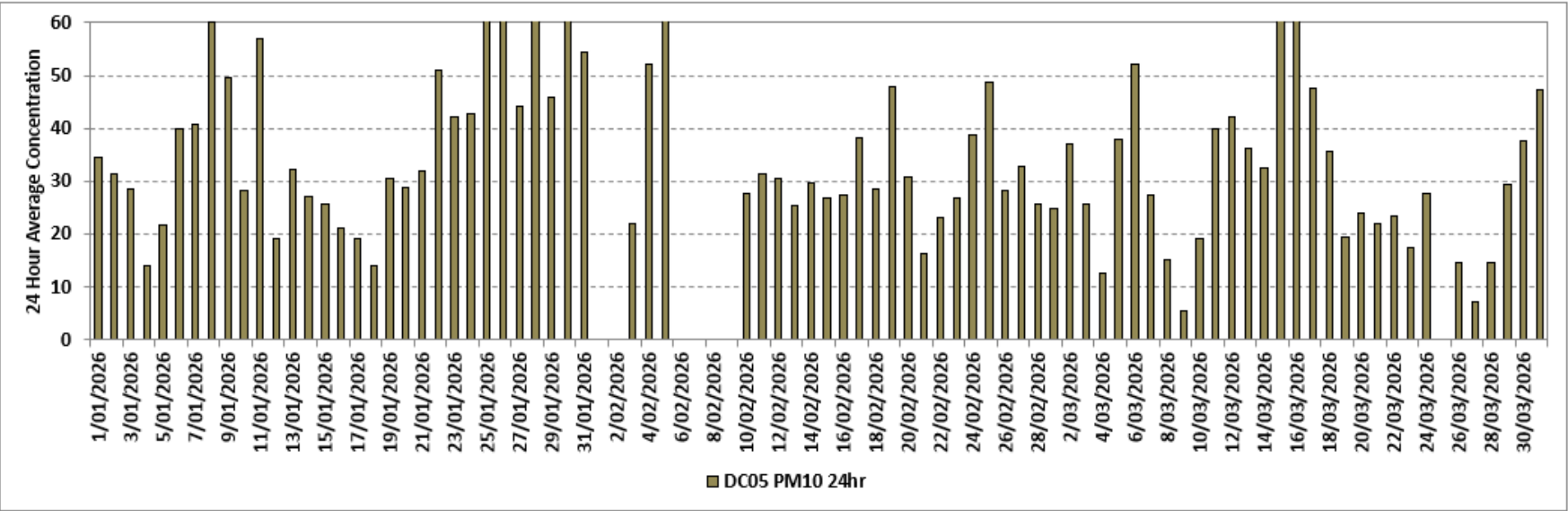
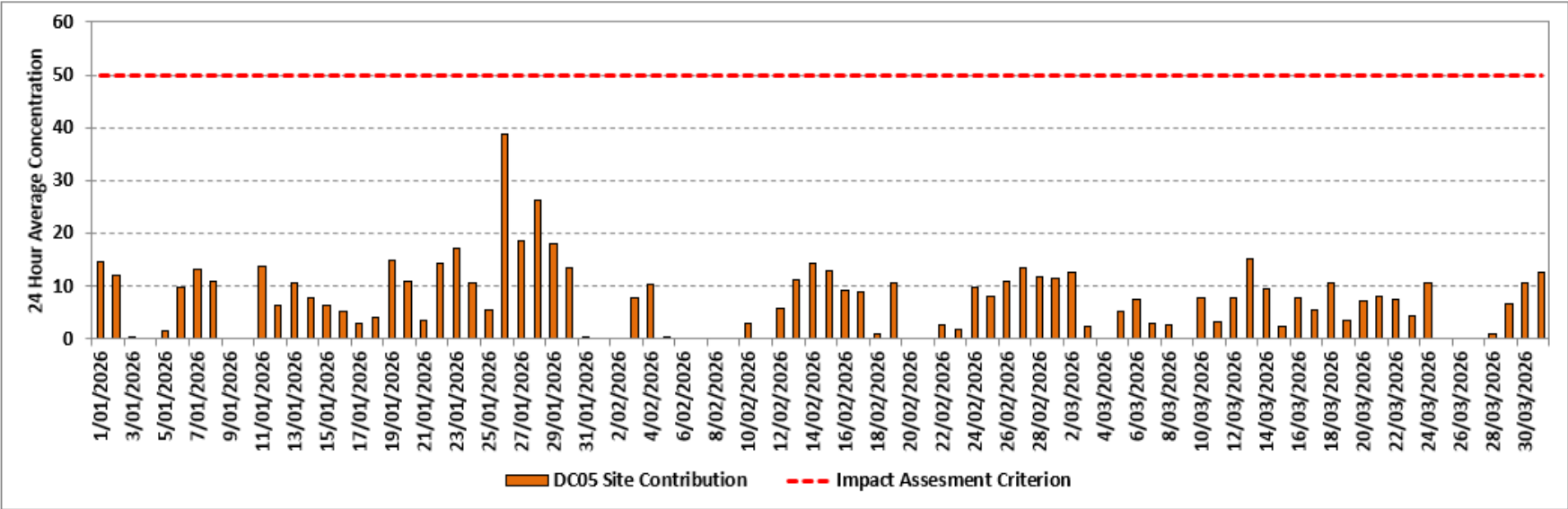


South Muswellbrook – DC04

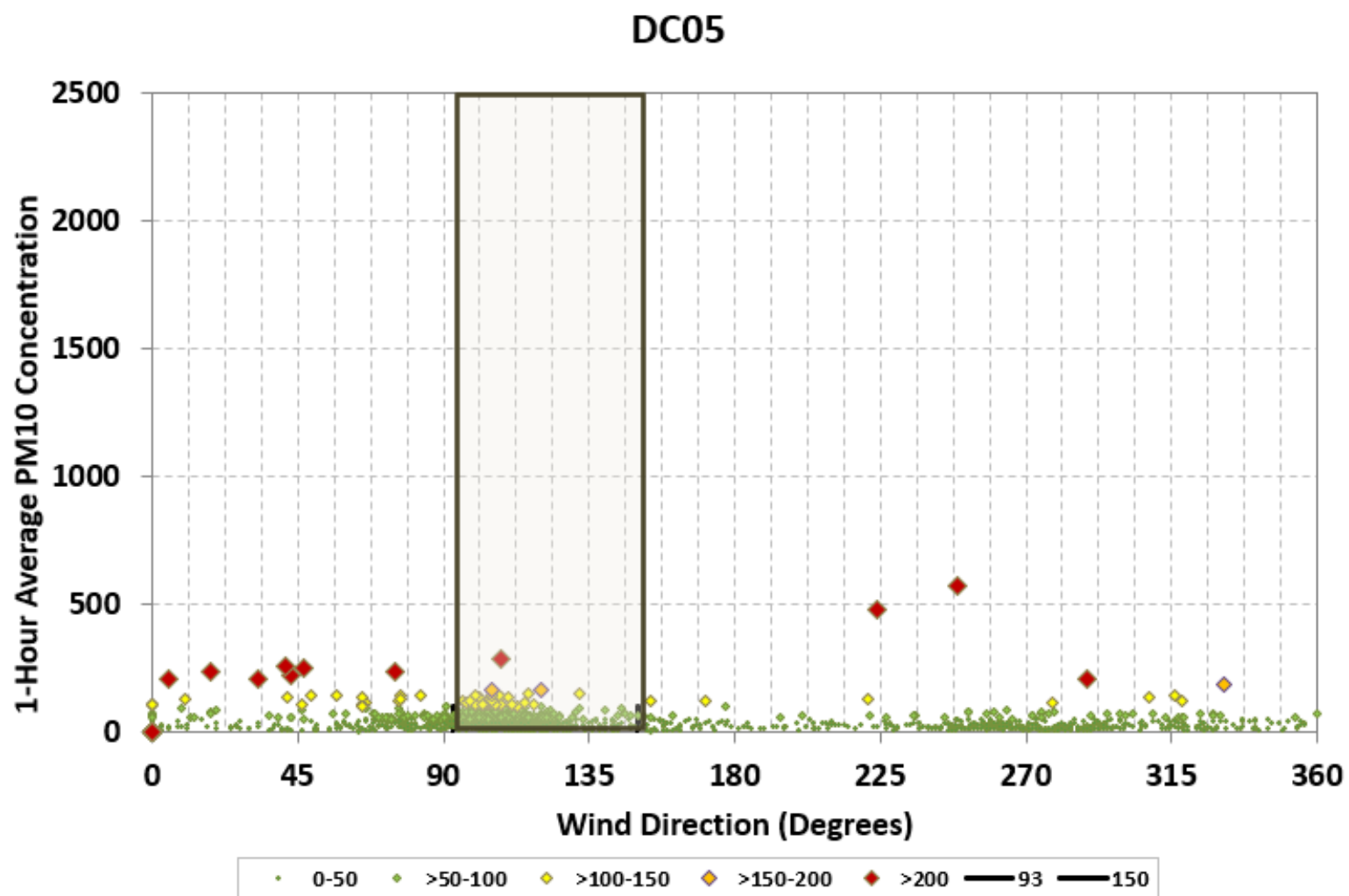


Roxburgh Road – DC05

Data capture – 92%

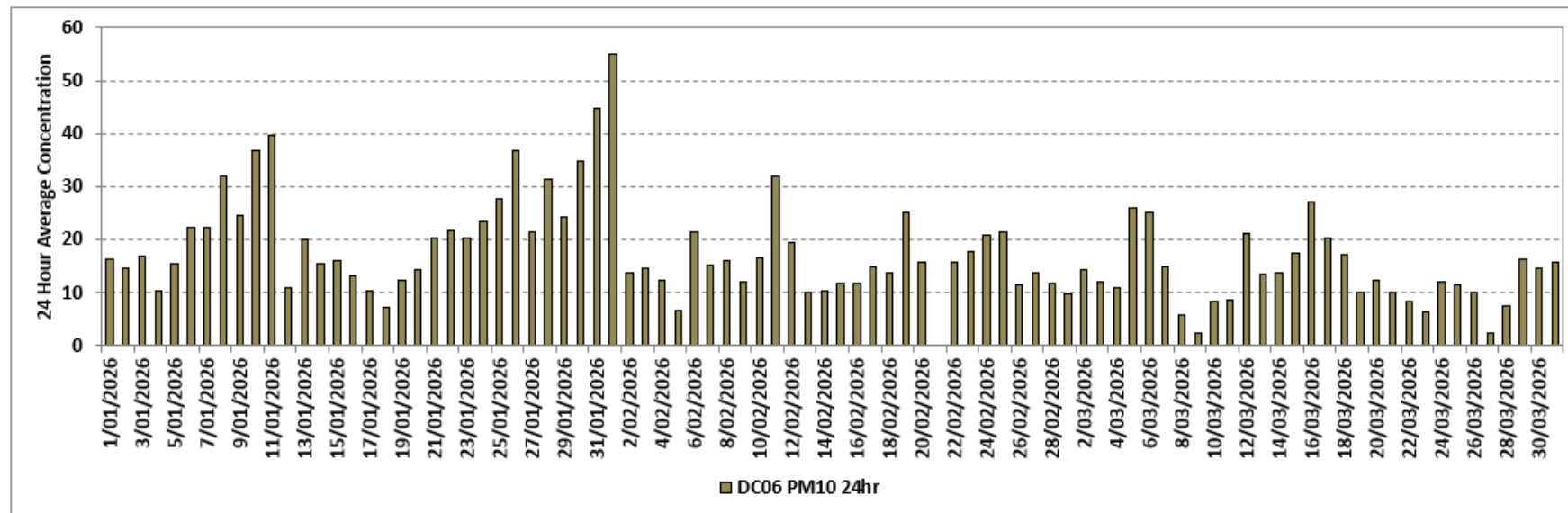
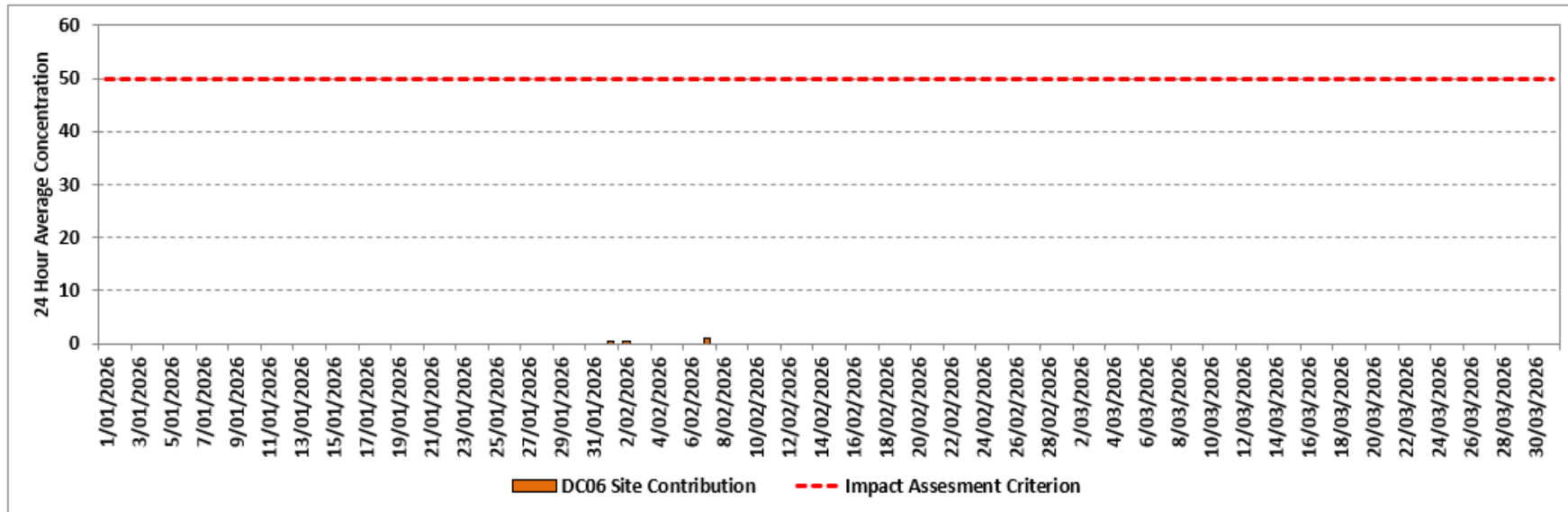


Roxburgh Road – DC05

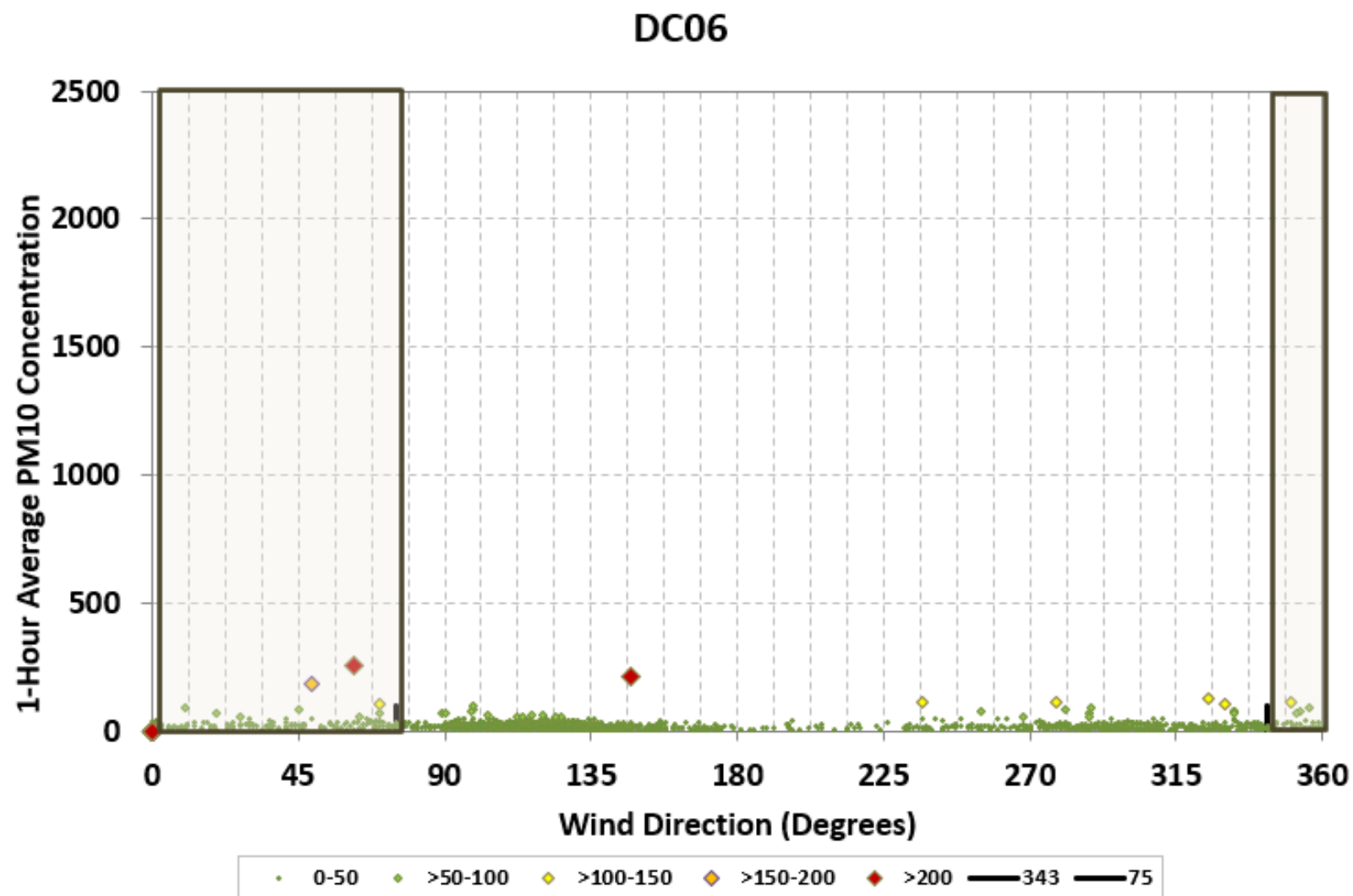


Edderton Homestead - DC06

Data capture – 99%

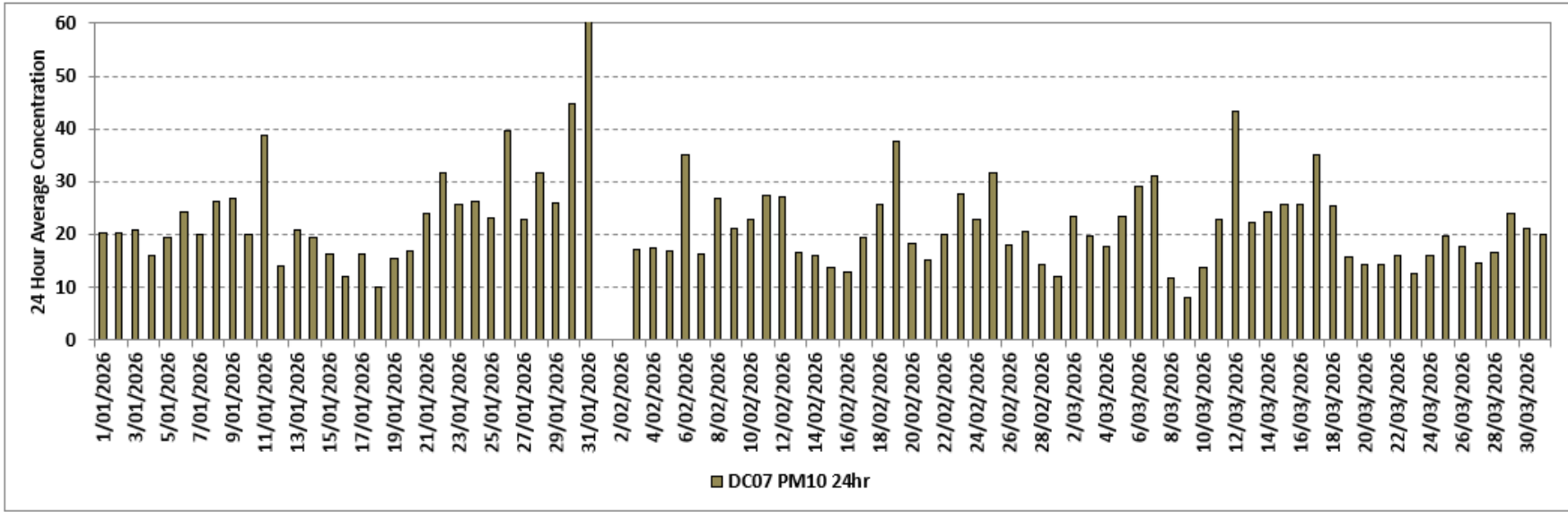
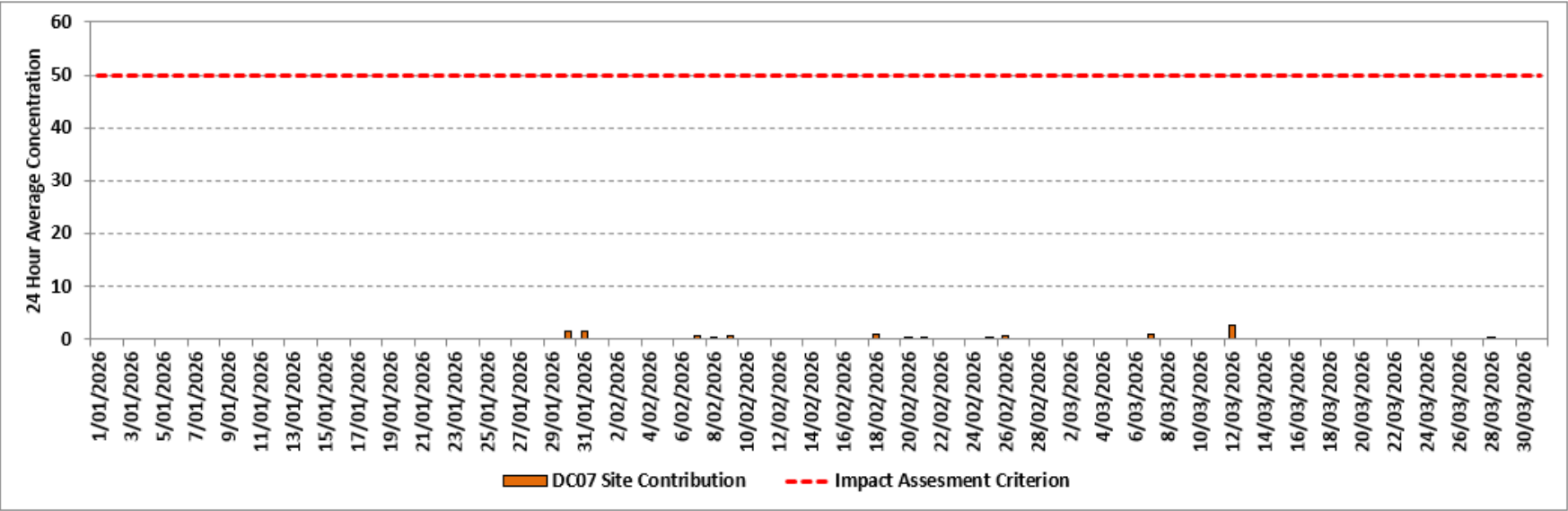


Edderton Homestead - DC06

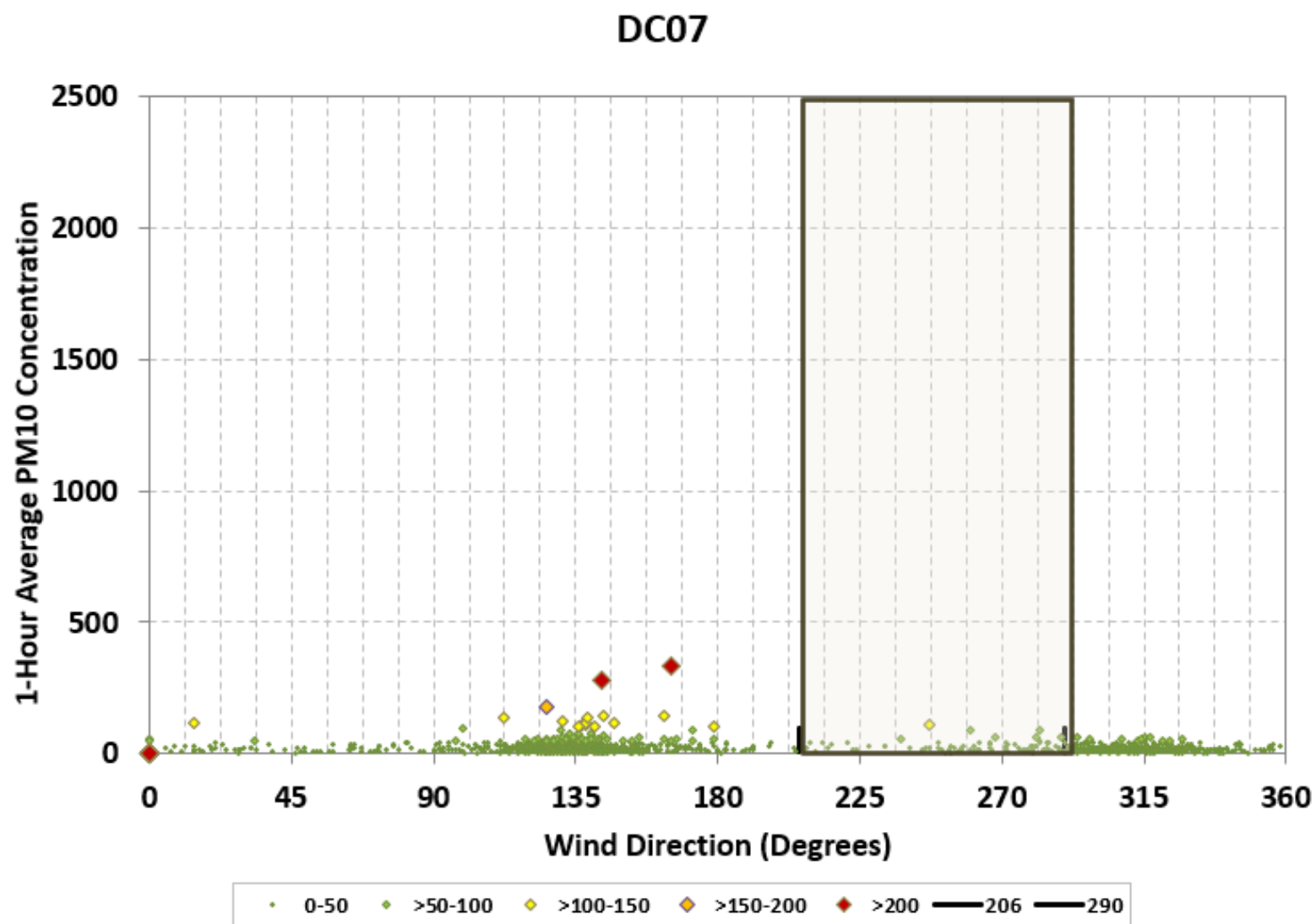


Antiene - DC07

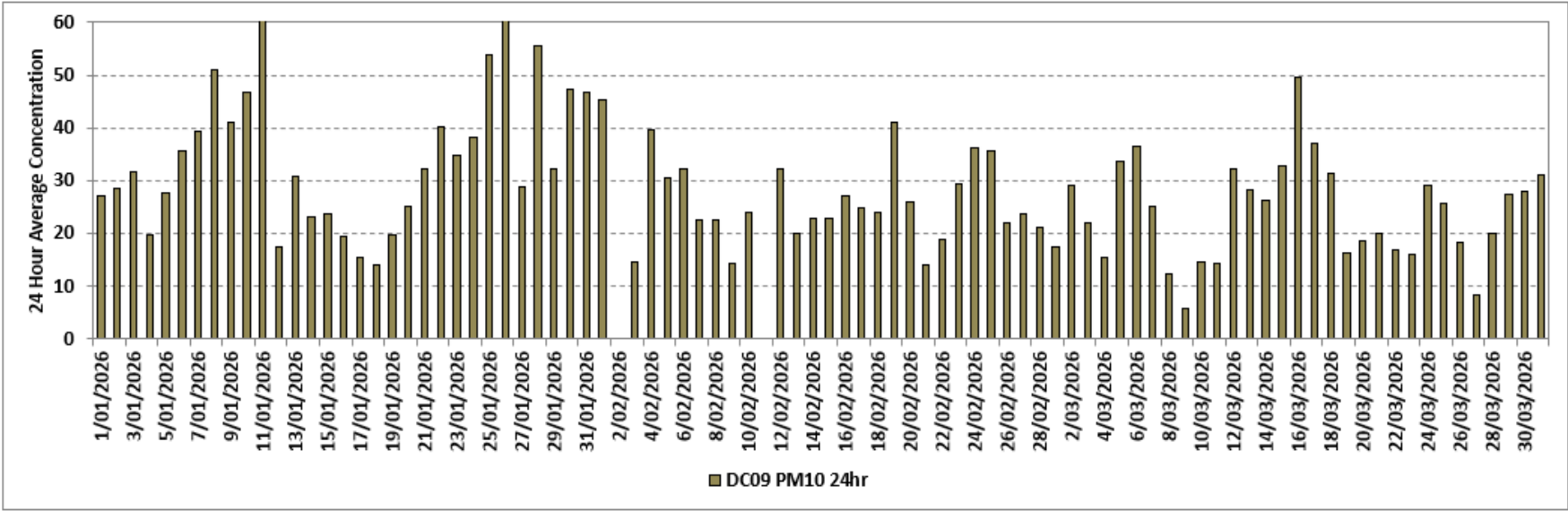
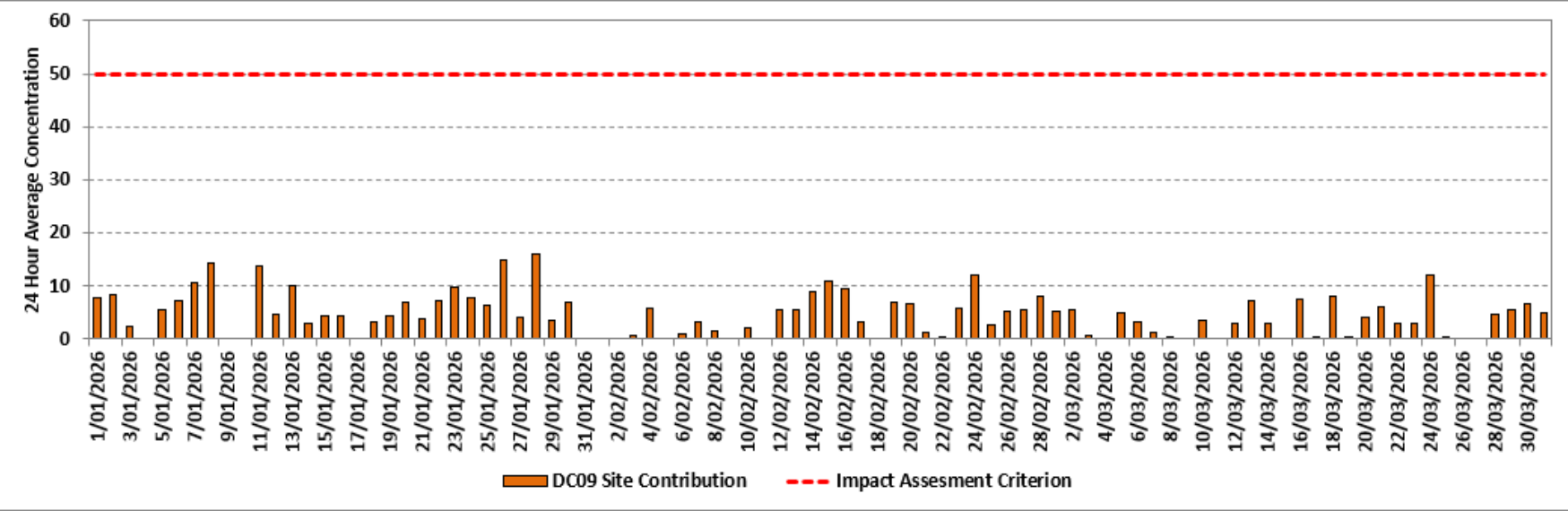
Data capture – 98%



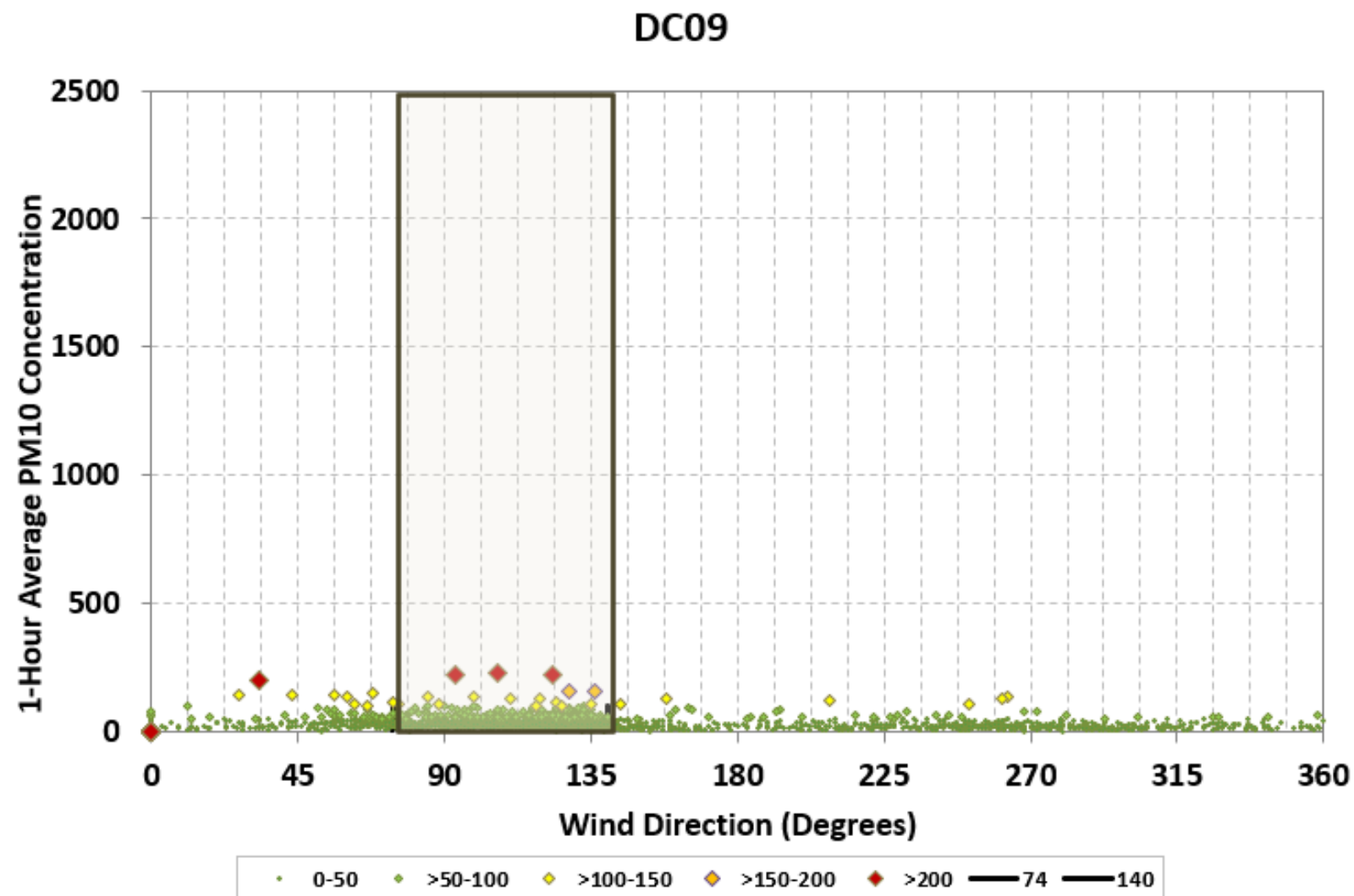
Antiene - DC07



Wellbrook – DC09
Data capture – 98%

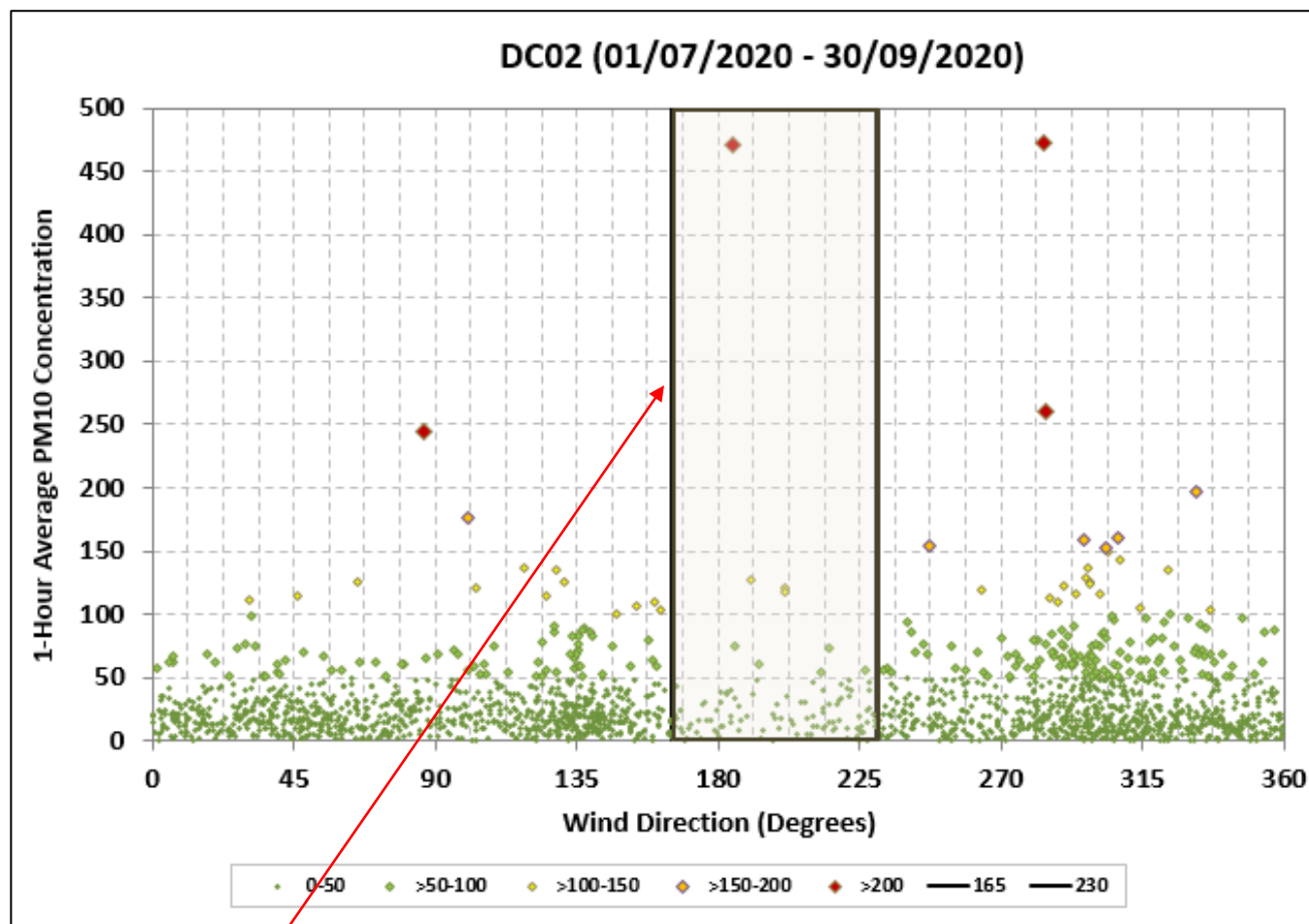


Wellbrook – DC09



Air Quality Monitoring Interpretation Guidance

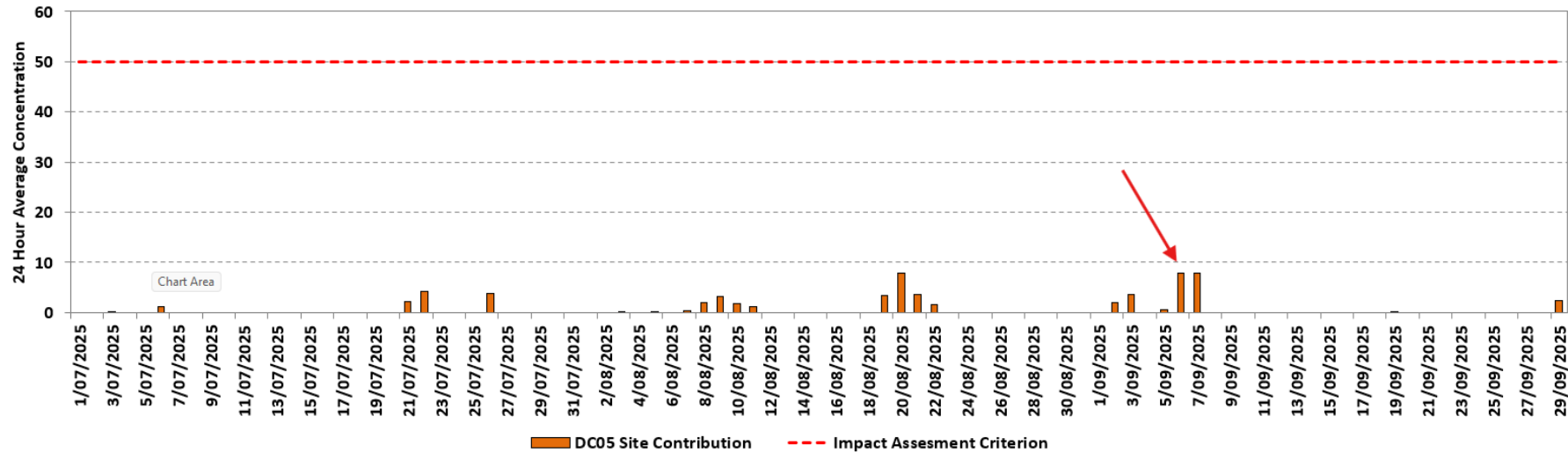
This information has been provided to assist with the interpretation of the air quality monitoring results and figures within this report.

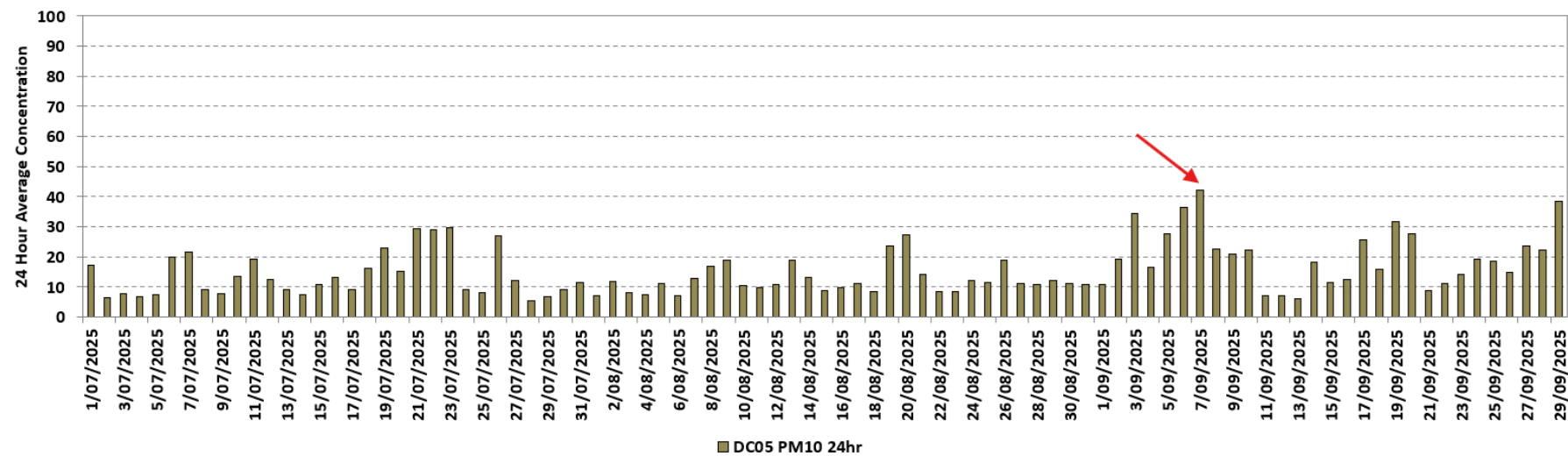


This graphic shows the window where the Mt Arthur Coal contribution is at risk of influencing the DC02 dust monitor based on the wind direction. This window can be referred to as the Arc of Influence. All 1- Hour Average Concentrations have been plotted for the reporting period to give an indication of Mt Arthur's influence on DC02.

Air Quality Monitoring Interpretation Guidance continued

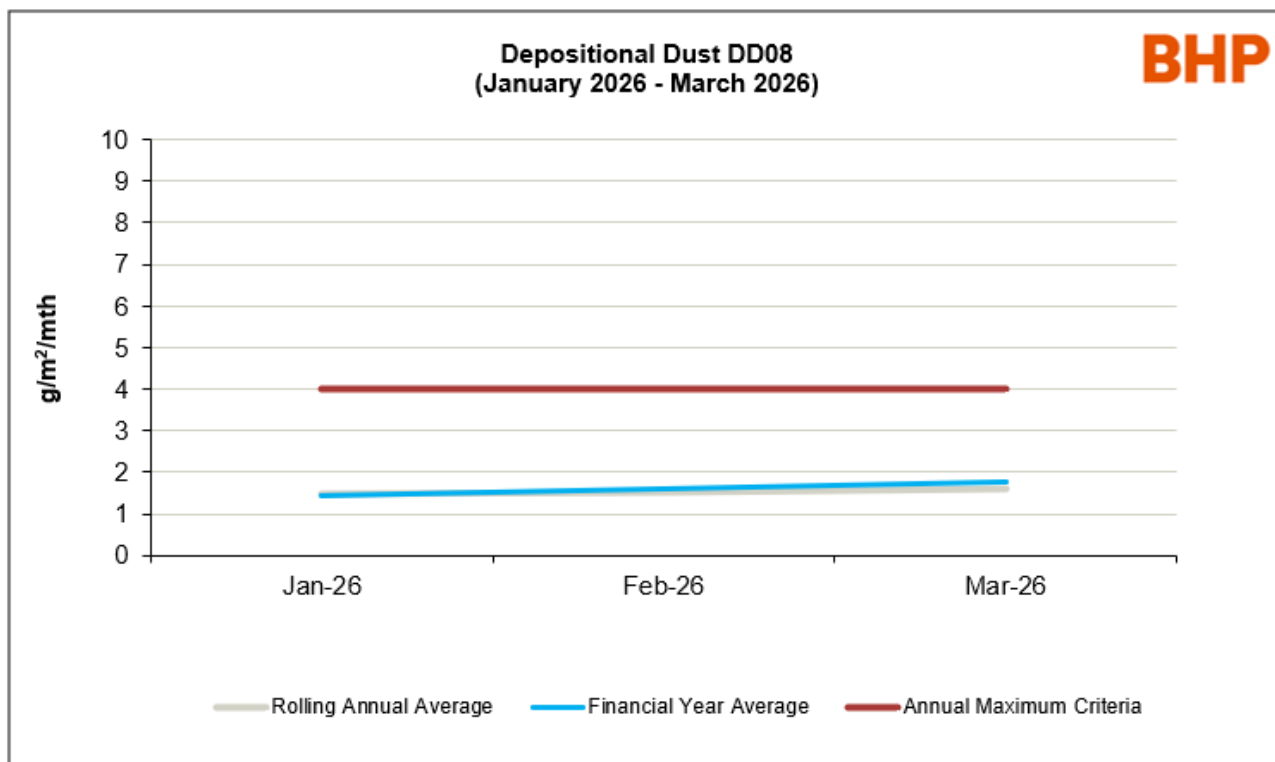
The first graphic shows the incremental 24-hour PM10 Mt Arthur Coal concentrations. This example shows that the Mt Arthur incremental concentration ('Site Contribution') is 7.8 μg^3 . The second graphic shows the cumulative Daily 24hr PM10 concentrations. This example shows that the cumulative 24-hour concentration ('Background') of approximately 42.1 $\mu\text{g}/\text{m}^3$.



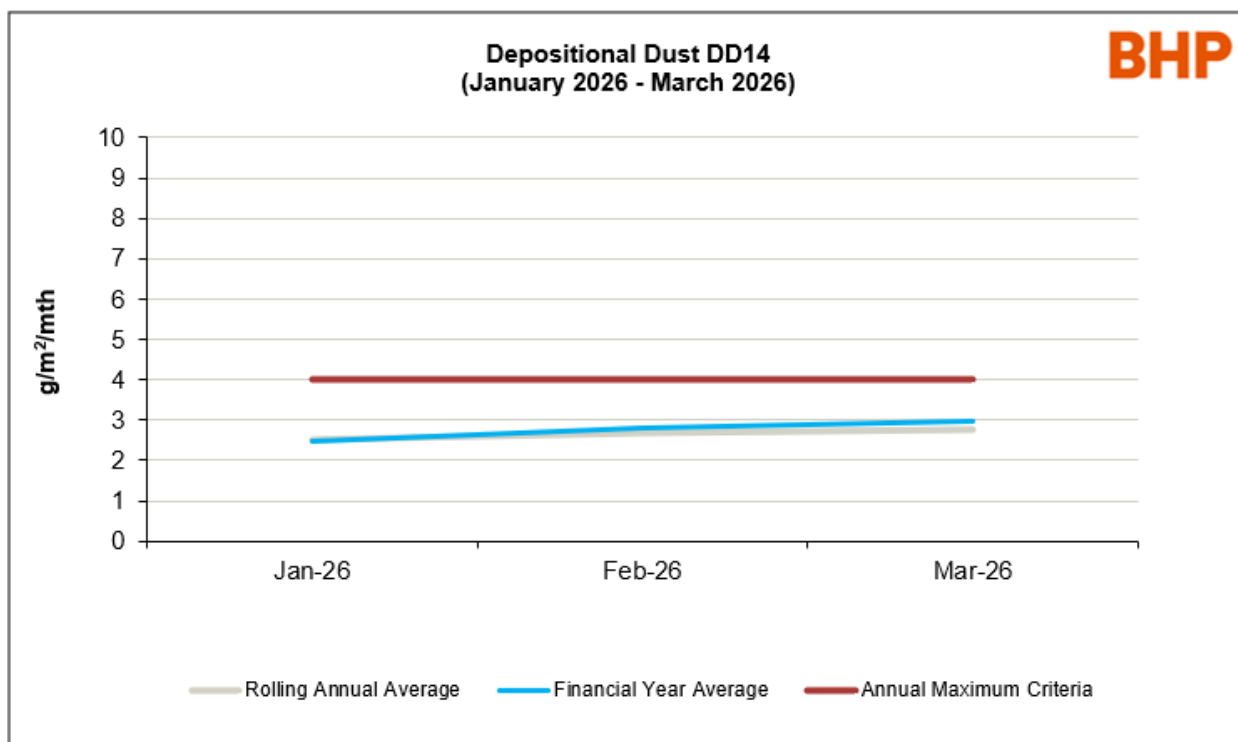


Deposited Dust**DD08**

Data capture – 100%

**DD14**

Data capture – 100%



Water Monitoring (1 January 2026 to 31 March 2026)*Groundwater*

Groundwater monitoring was undertaken in March 2026 with results currently being analysed. The results from the March 2026 monitoring round will be communicated at the next CCC.

The December 2025 groundwater monitoring results have been analysed with a level exceedance detected at VWP X1_S-2(59) and a pH exceedance at X14MB-2D in line with the Water Management Plan (WMP). These exceedances were reported to DPHI and will continue to be monitored.

Surface water

Surface water monitoring was conducted monthly during the three-month period.

An exceedance of Electrical Conductivity (EC) at the Hunter River Downstream monitoring location (SW12) reported following the January 2026 and February 2026 rounds of monitoring. The exceedances were reported to the DPHI in line with the WMP. Interim investigation was undertaken in line with the WMP which determined further investigation was not required. The DPHI advised no further information or action was required.

Blast Monitoring (1 January 2026 to 31 March 2026)

During the reporting period, there were no exceedances of the upper or lower vibration limit.

There were two blasts with an exceedance of the upper overpressure limit (120dBL) at the Sheppard Ave monitor (BP07) on Monday 2 February 2026 at 11:08am (121.2 dBL) and Saturday 14 February 2026 at 2:43pm (123.0dBL). The incidents were reported to the EPA and DPHI in line with the EPL and BMP. Subsequent investigations determined that the results were wind affected. The actual blast overpressure results (108.0dBL and 104.0dBL, respectively) were less than the criteria. Given this, the event is not considered an incident. No complaints were received for either of the blast events.

There was one blast on Friday 13 March 2026 at 12:29pm with an exceedance of the lower vibration limits at the Sheppard Ave monitor (BP07) with a blast result of 115.8dBL.

Four additional shots undertaken on the following dates reported results exceeding the lower limit:

- Friday 13 February 2026 at 2:58pm
- Saturday 14 February 2026 at 2:43pm
- Thursday 12 March 2026 at 4:58pm; and
- Thursday 26 March 2026 at 3:11pm

However, investigation by third party consultant (Terrock Consulting Engineers) reported the exceedances were wind affected and actual airblast overpressure results for the blasts would have been below the lower limit of 115dBL.

No complaints were received for these events. The exceedance of the lower overpressure limits is allowable for 5% of blasts for FY26 and not considered an environmental incident.

Operational Noise Monitoring (1 January 2026 to 31 March 2026)

Monthly night-time compliance monitoring (attended) was completed to schedule by MAC's external expert consultant. MAC is not informed of when this monitoring is scheduled for completion to ensure there is a true representation of operational activities on any given night.

There were no exceedances of the threshold levels reported for any noise monitoring locations during the reporting period.

Environmental Incidents (1 January 2026 to 31 March 2026)

Groundwater Exceedance

The groundwater monitoring that was undertaken in December 2025 has been analysed with a level exceedance detected at VWP X1_S-2(59) and a pH exceedance at X14MB-2D in line with the WMP. These exceedances were all reported to DPHI and will continue to be monitored.

Surface Water Exceedance

Following the January 2026 and February 2026 sampling rounds, surface water monitoring site SW12 exceeded the respective electrical conductivity (EC) Trigger Level. Subsequent investigations determined that MAC operations were not a contributing factor to the increased EC levels. It was deemed that results were in line with historical data observed during hot dry periods. Low rainfall was considered a contributing factor to the elevated EC levels at SW12 during both months. The investigations were provided to the DPE with the event closed out with no further information or action required.

Environmental Reporting (1 January 2026 to 31 March 2026)

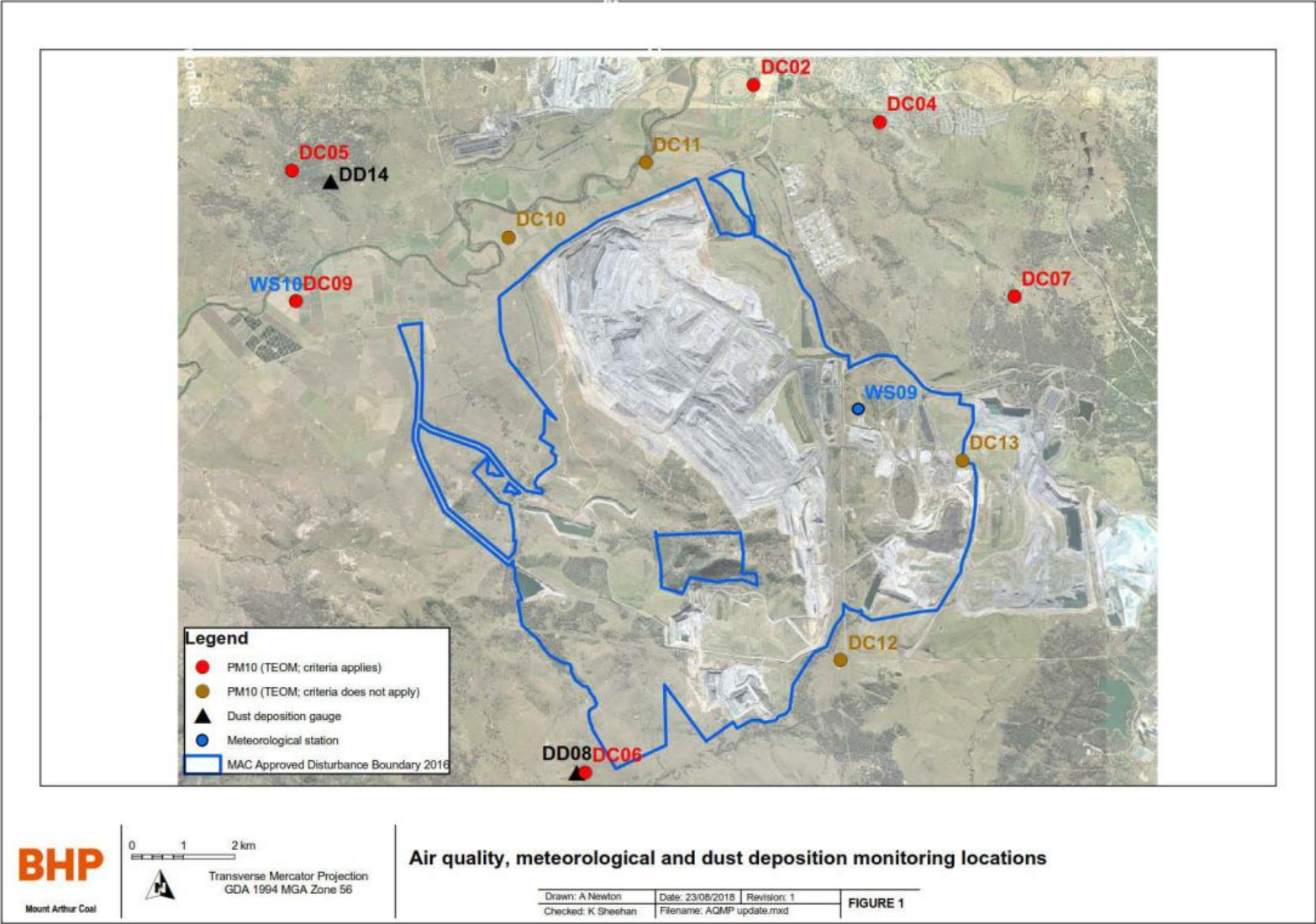
Monthly Reporting

Historical information and reporting is available to view on the BHP website using the following link:

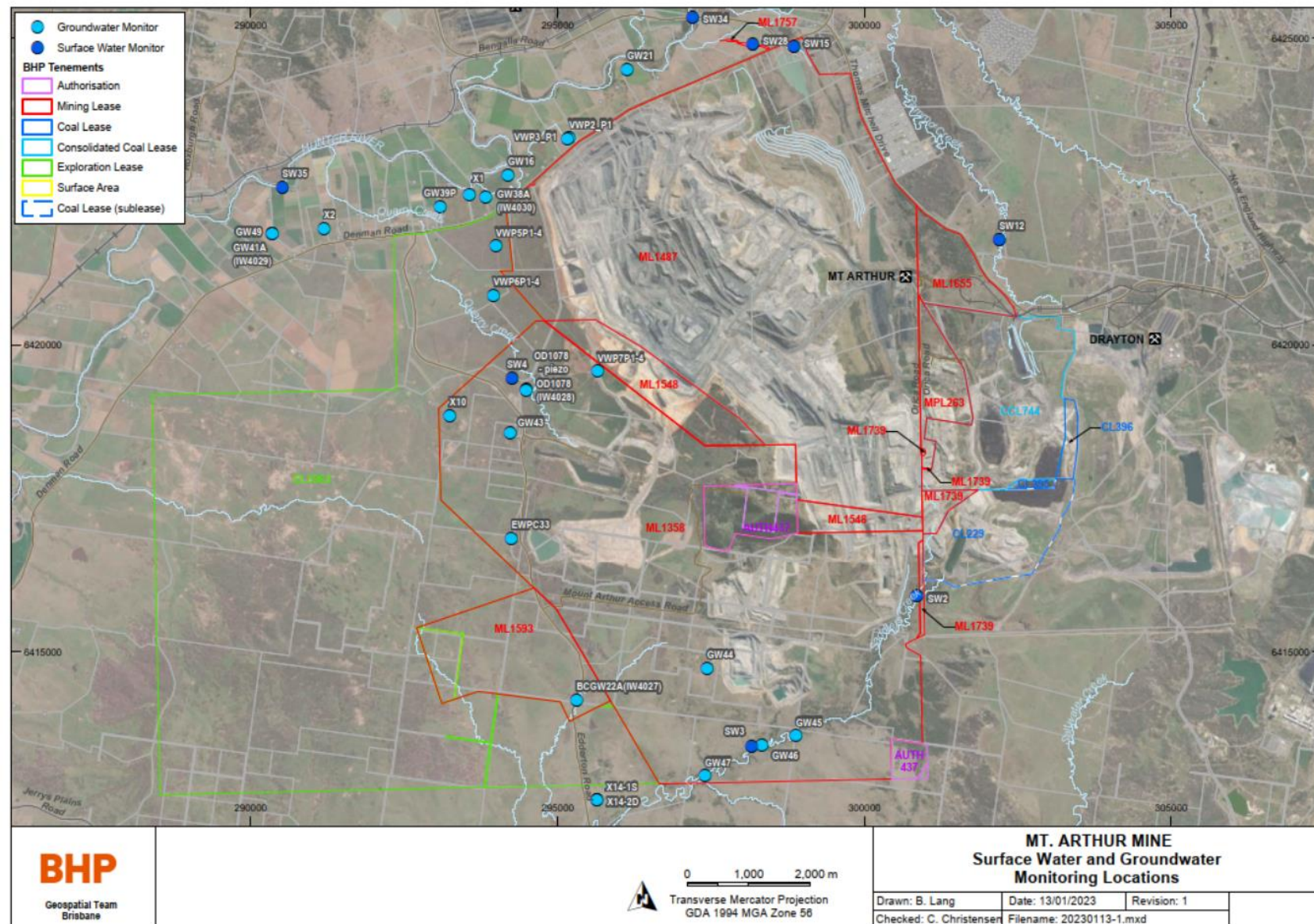
<https://www.bhp.com/sustainability/environment/regulatory-information>

Environmental Monitoring Plans (for reference)

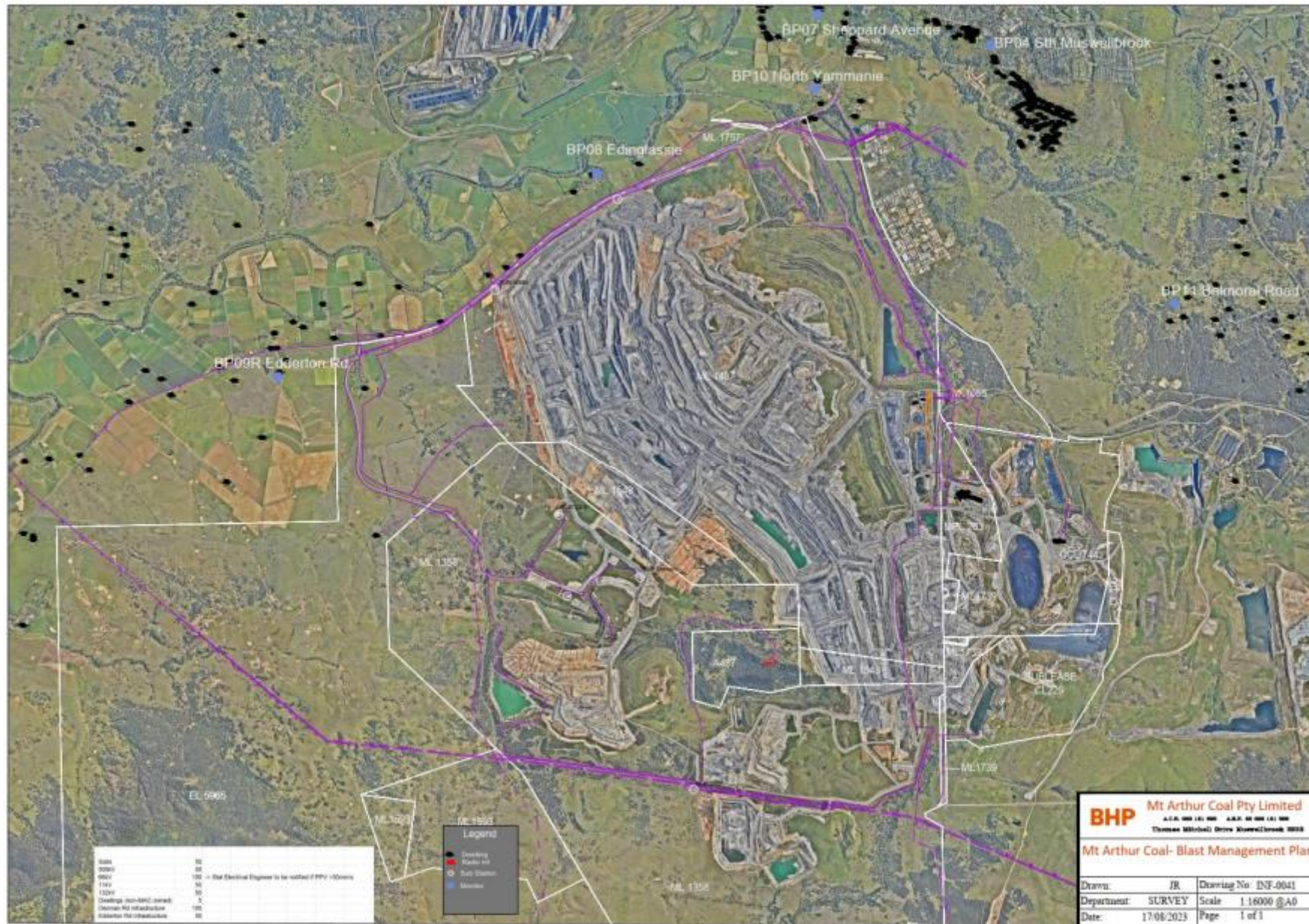
Air Quality and Meteorological Monitoring Locations (Source: Air Quality Management Plan)



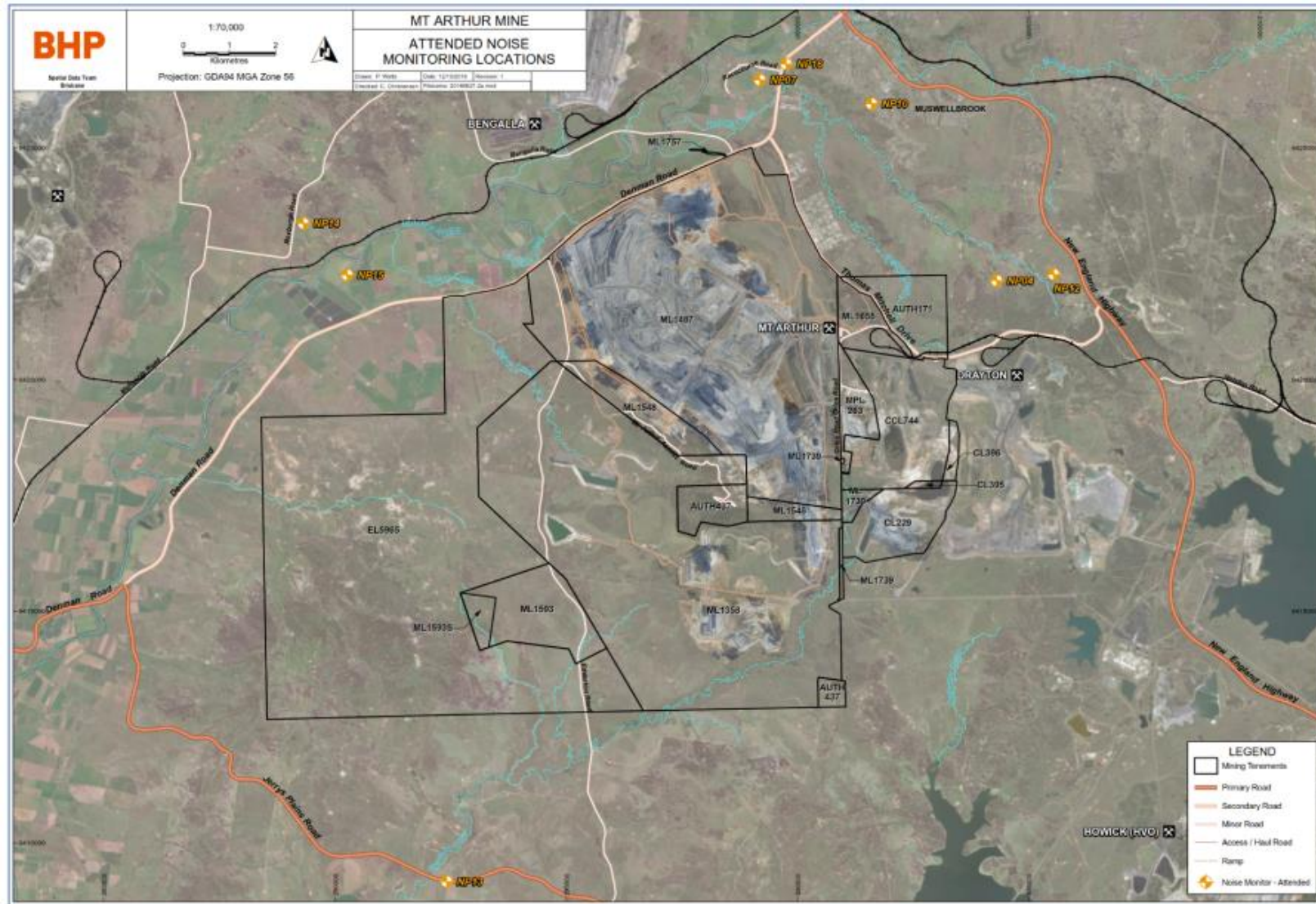
Surface Water and Ground Water Monitoring Locations:



Blast Monitoring Locations (Source: Blast Management Plan)

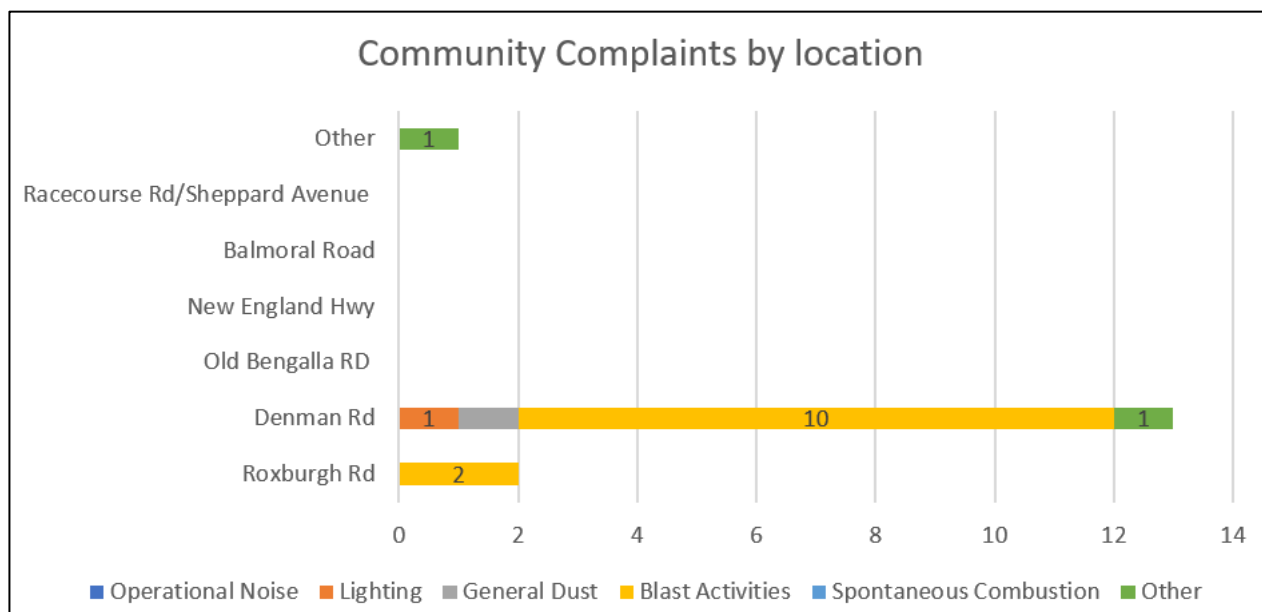
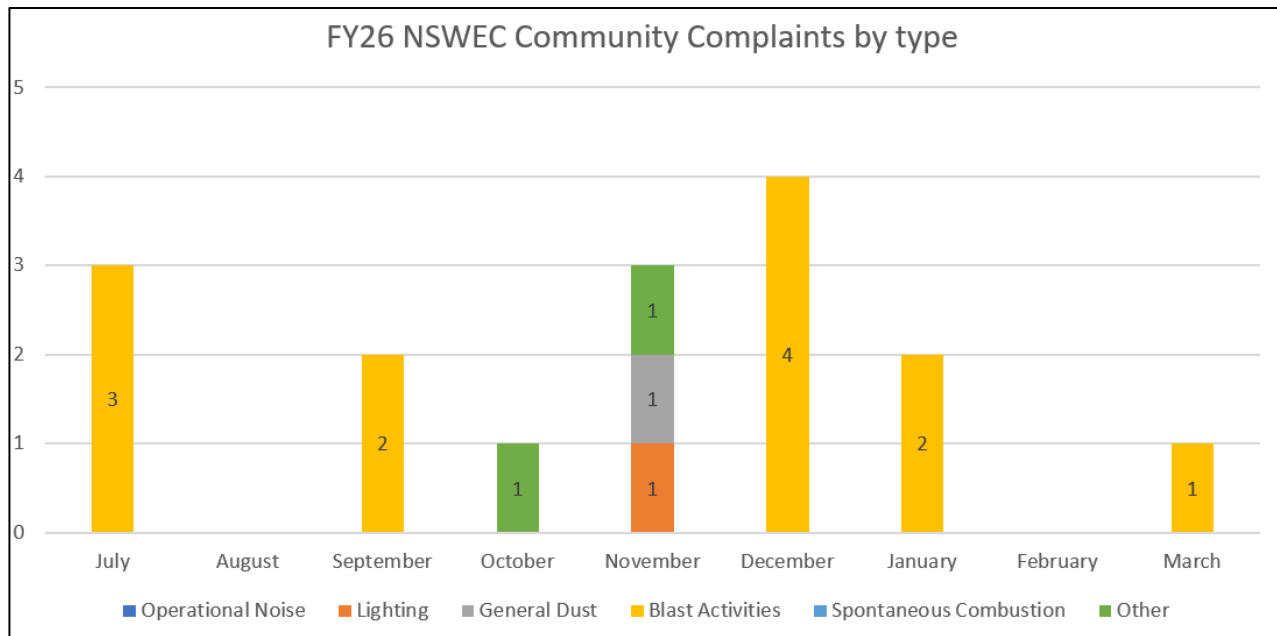


Operational Noise Monitoring (attended) Locations (Source: Noise Management Plan)



Community Complaints

The Community Complaints included in this report are for the period 1 January to 31 March 2026. Mt Arthur Coal received three (3) complaints during this period. All three (3) complaints related to blasting impacts and were from Denman Road.



Actions from previous meeting/s

The actions from previous meetings are listed below.

Action	Status
Action 1 MAC to formalis their official company representatives and provide these to WP (JM)	
Action 2: MAC to provide detail for one elevated result at Sheppard Avenue Monitor DC02. (CM)	