

Mt Arthur Coal Community Consultative Committee

Planned Meeting Date:

19 November 2025

Information provided:

1 July 2025 to 30 September 2025

Environmental Management

FY26 Rehabilitation & Land Management Update

Mt Arthur's FY26 target is 70ha of rehabilitation in the Saddlers North pit area (Figure 1 below), approximately 35ha of woodland and 35ha of pasture. The execution team have commenced the bulk shaping works and started preparation for drainage line installation. Seeding will be completed after the summer months to align the schedule of works with the best seasonal conditions.

Weed treatment continues to focus on maintenance of FY24 and FY25 rehabilitation areas with spot weed treatment completed across the reporting period. St John's Wart has also been a focus on other mine owned land. Slashing has commenced on a number of pasture areas to assist with weed control.



Figure 1. Saddlers North Pit area

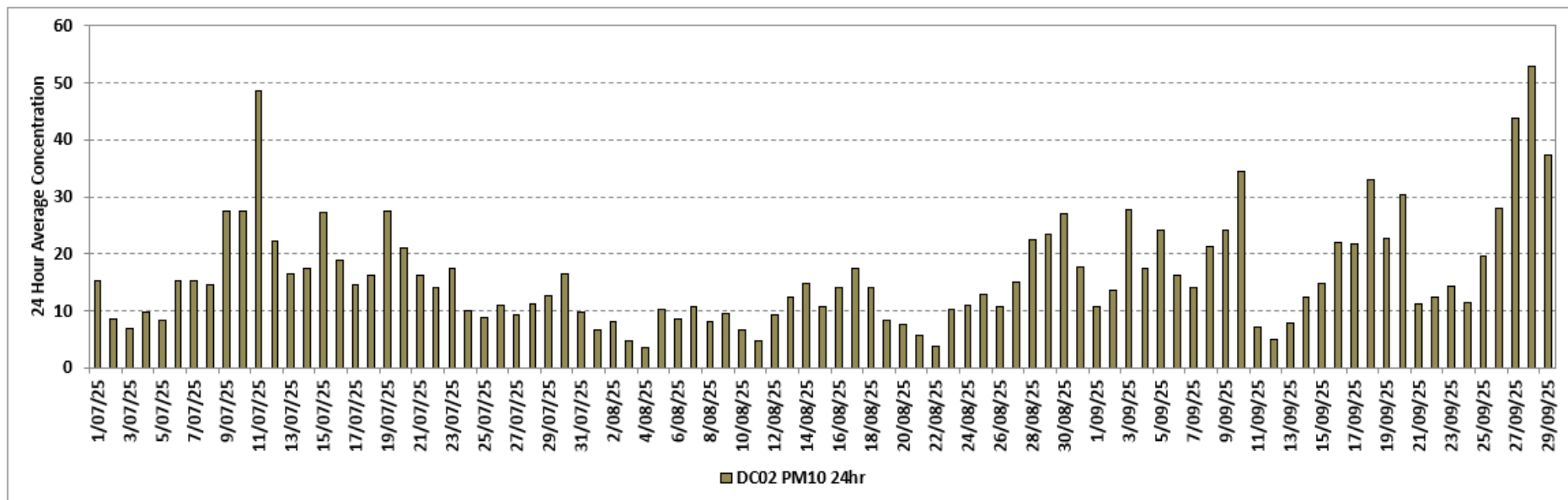
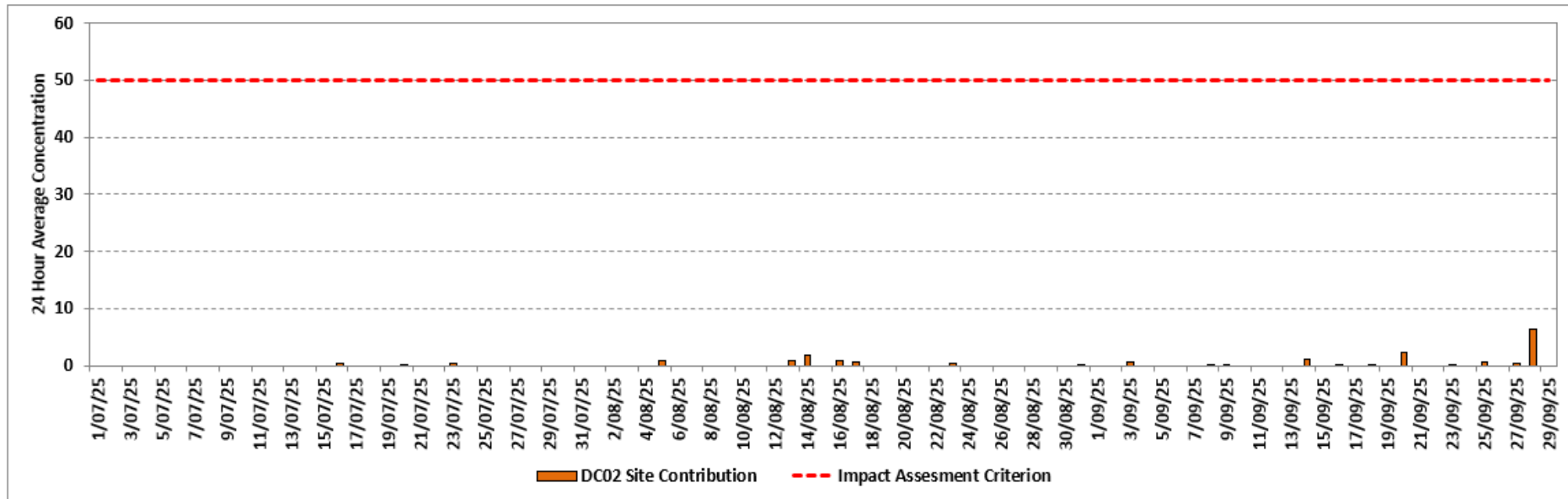
Environmental Performance

Air Quality Monitoring (1 July 2025 to 30 September 2025)

- 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 Consolidated Consent received on 16 April 2025, an air quality incident is now defined as an incremental impact of the 24-hour averaging period criterion.
- During the reporting period, the impact assessment criteria was not exceeded at any of the statutory TEOM monitoring sites.
- 100% of dust data was captured from all six statutory PM10 monitoring sites during the reporting period.
- Equipment availability continues to improve overall following implementation of several improvement initiatives including the purchase of new TEOMs, UPS battery units & communication loggers.
- 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.

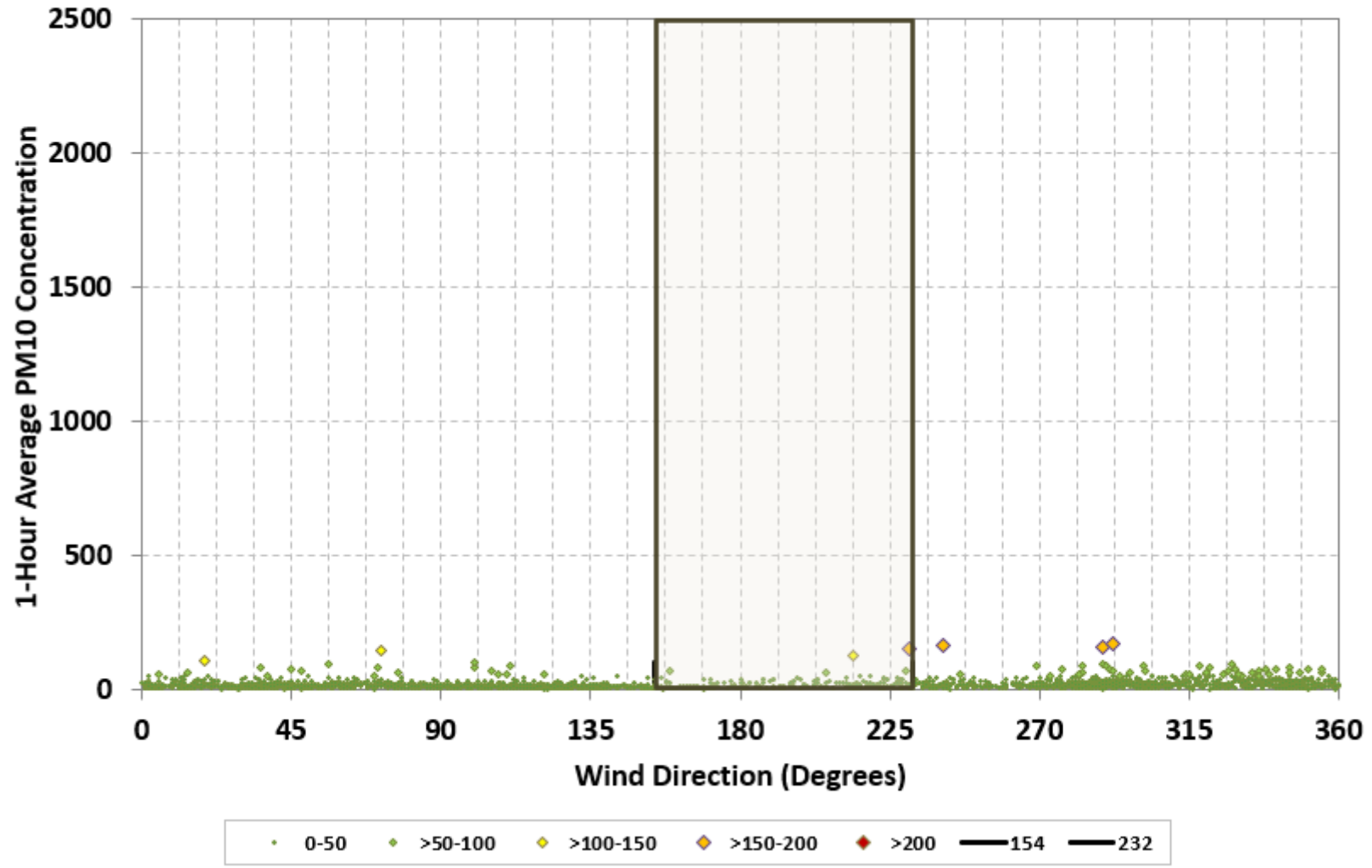
Sheppard Avenue – DC02

Data capture – 100%



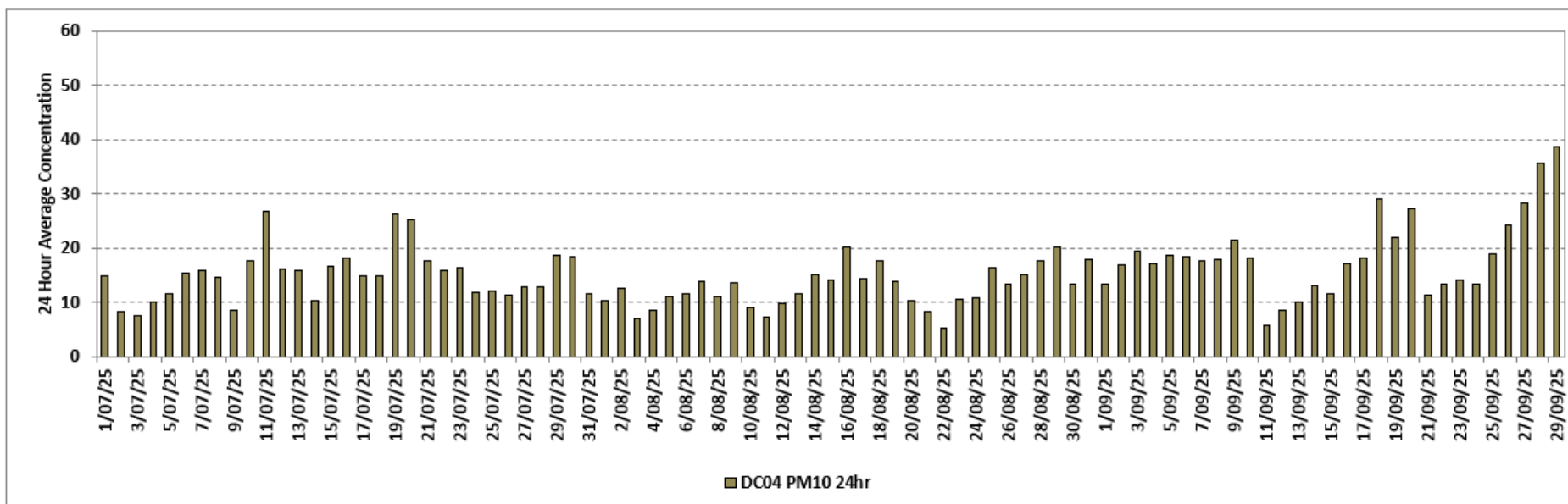
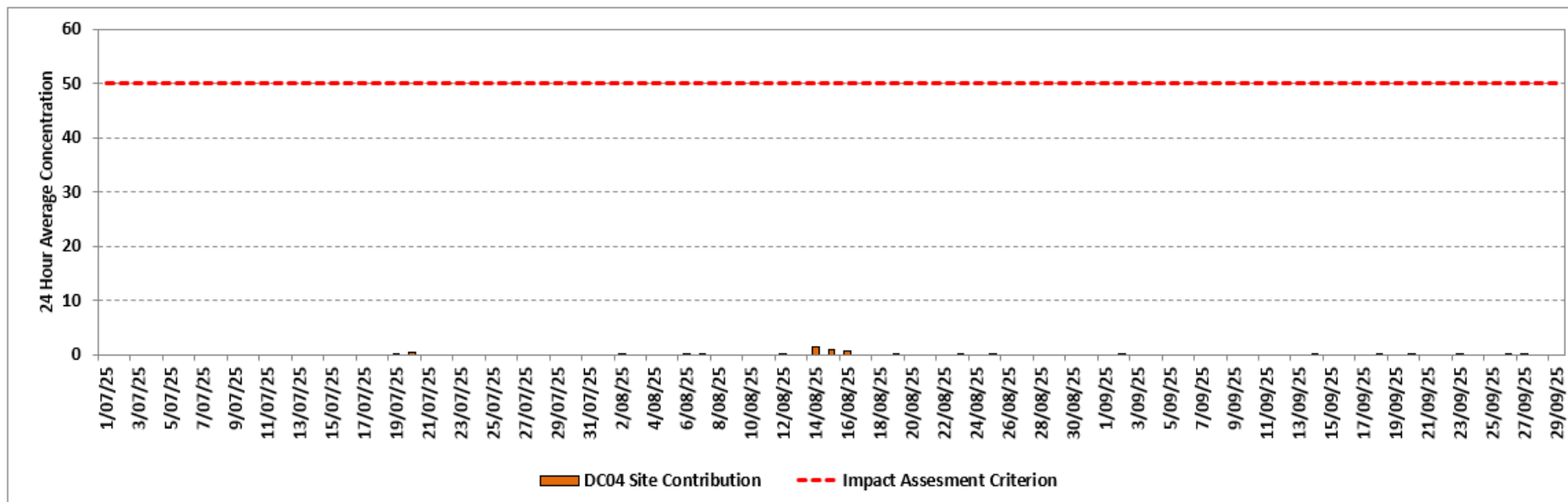
Sheppard Avenue – DC02

DC02

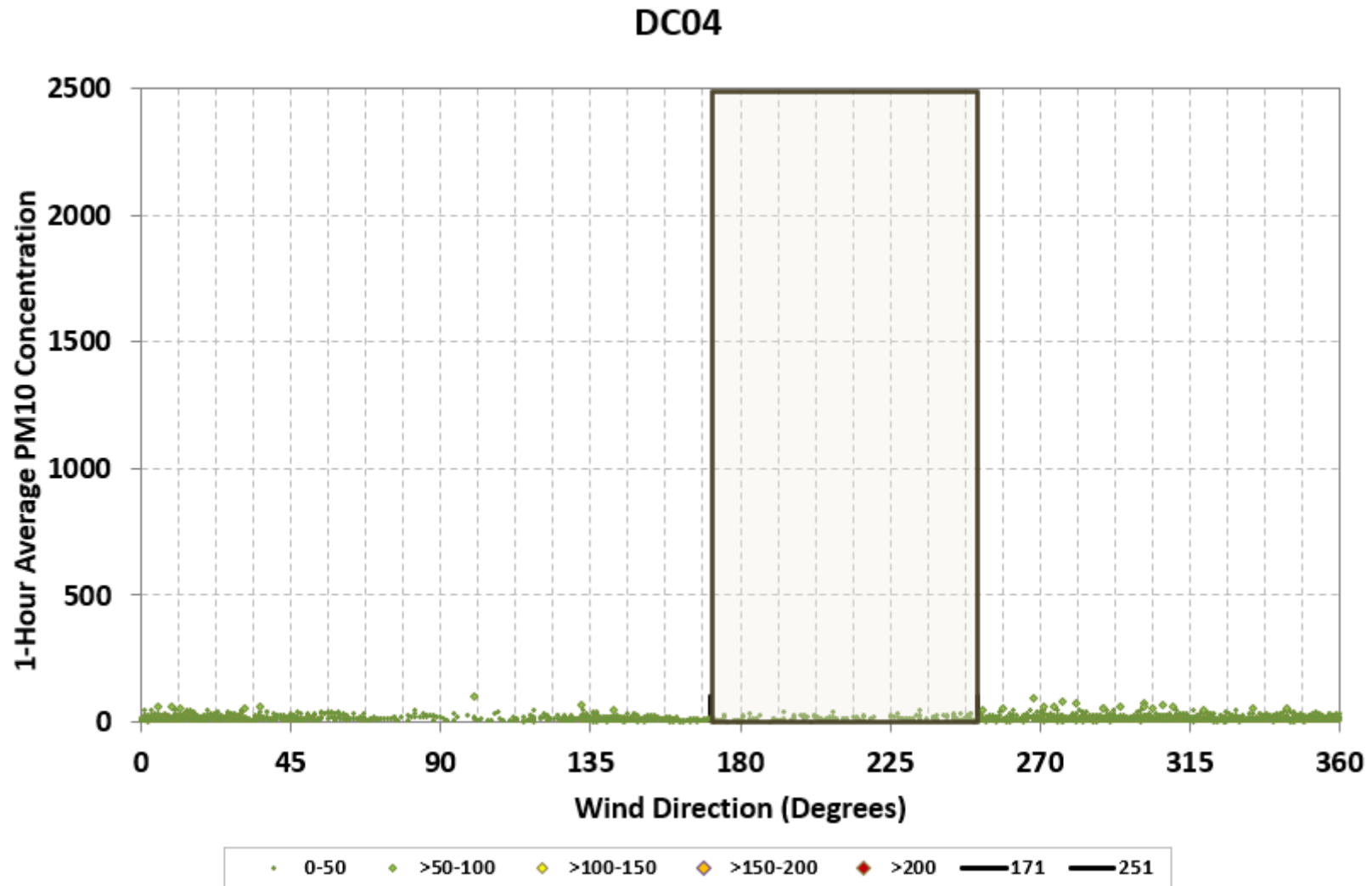


South Muswellbrook – DC04

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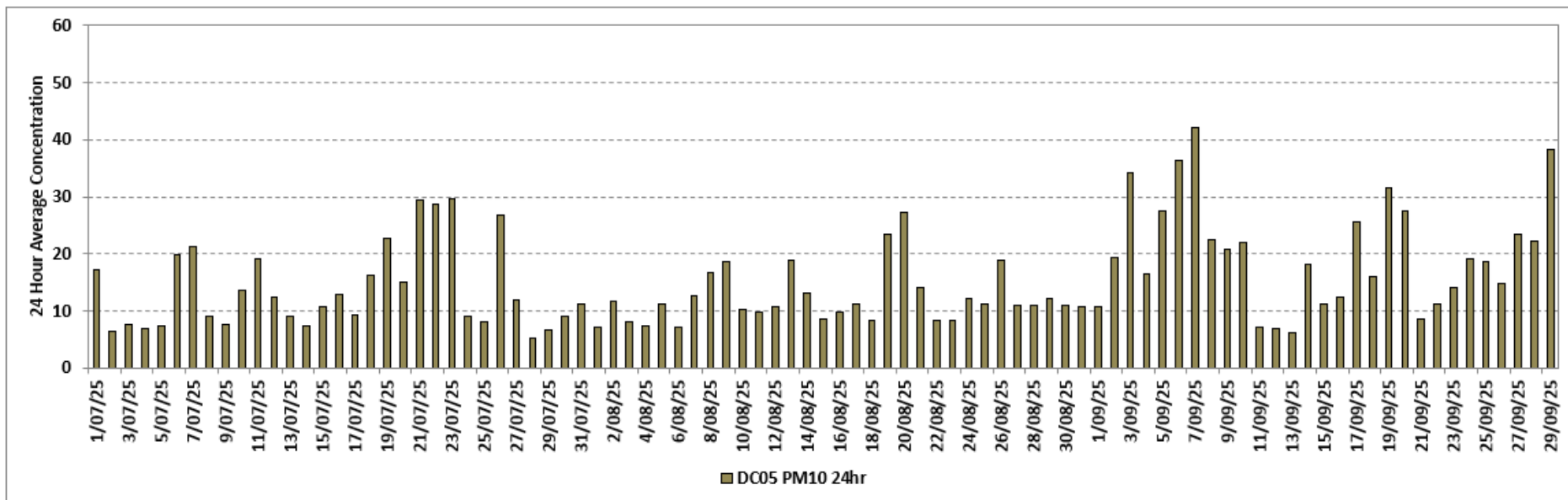
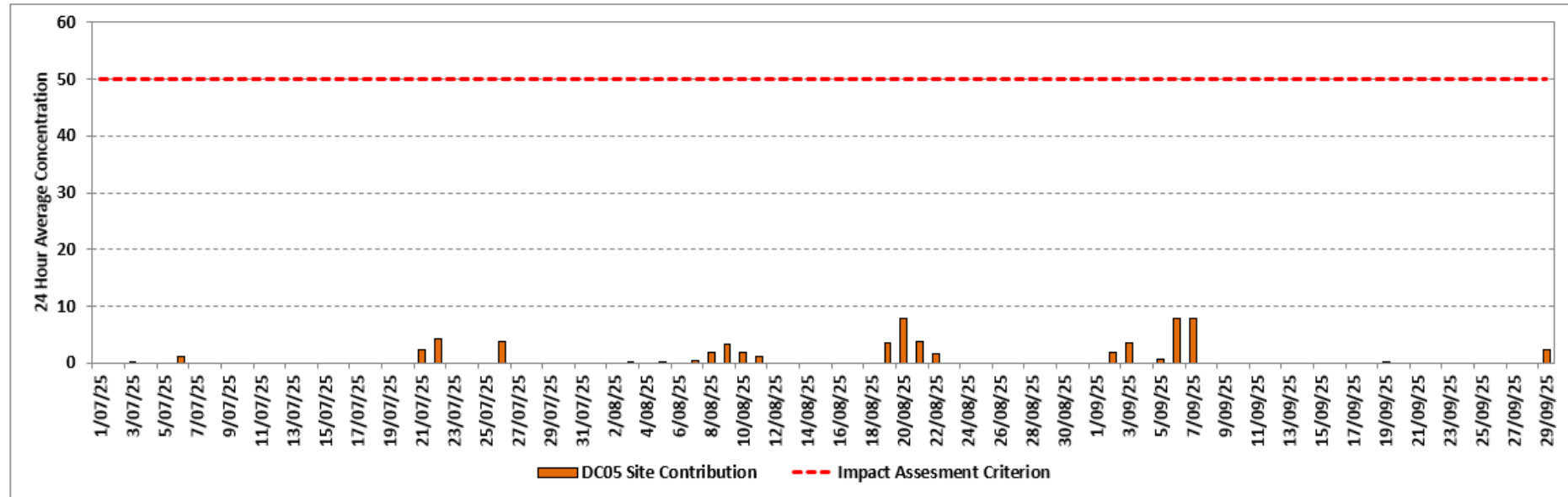


South Muswellbrook – DC04



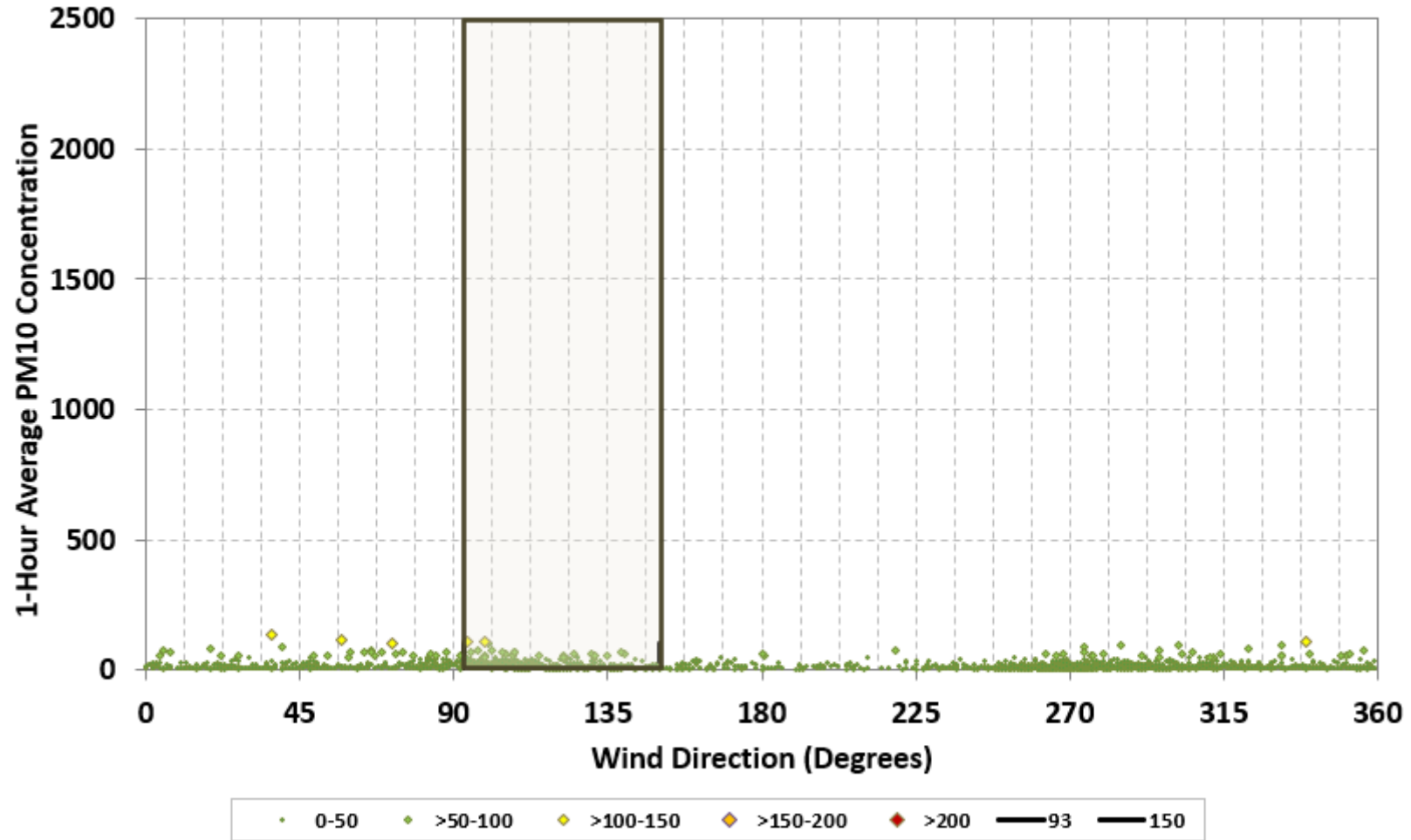
Roxburgh Road – DC05

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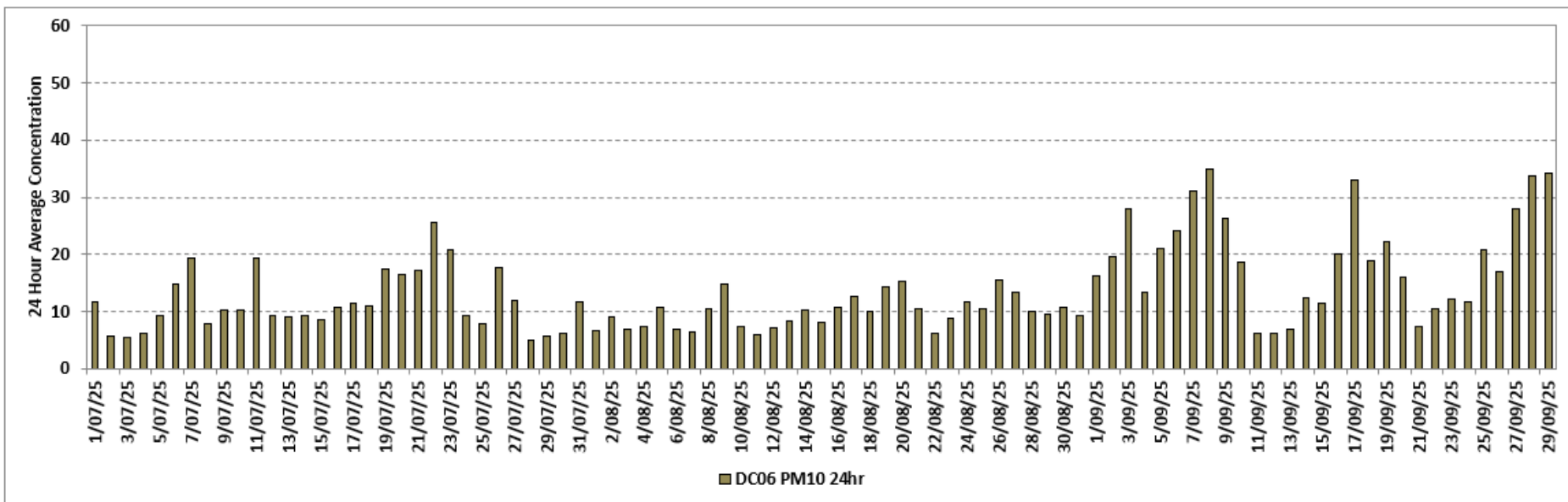
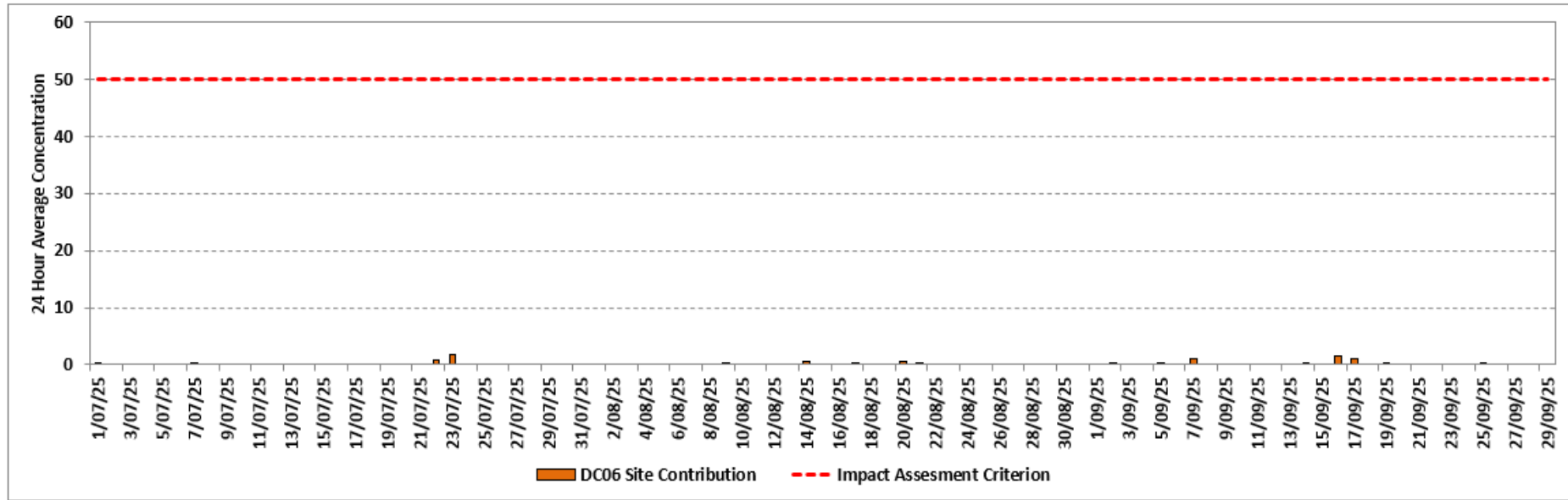
Roxburgh Road – DC05

DC05



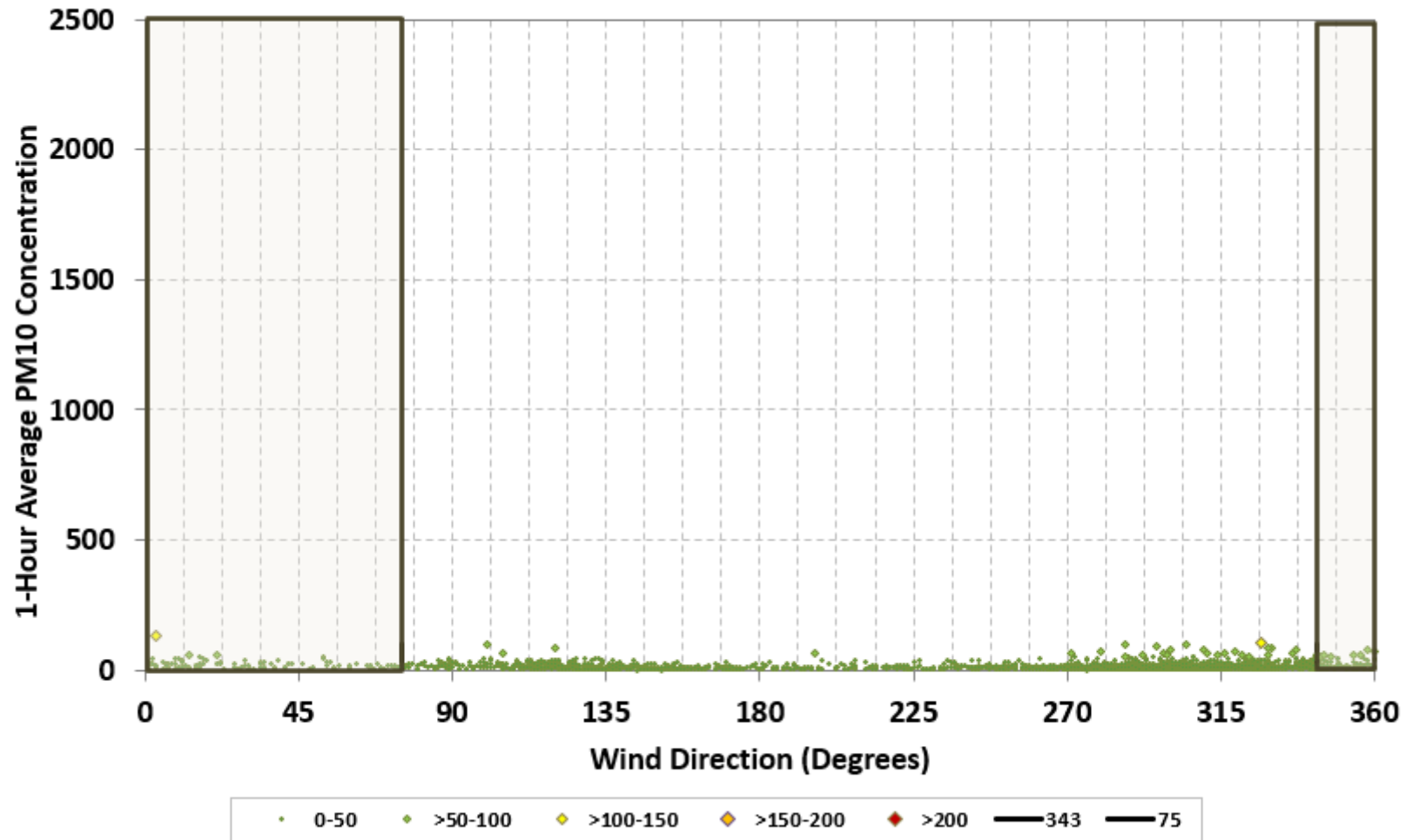
Edderton Homestead - DC06

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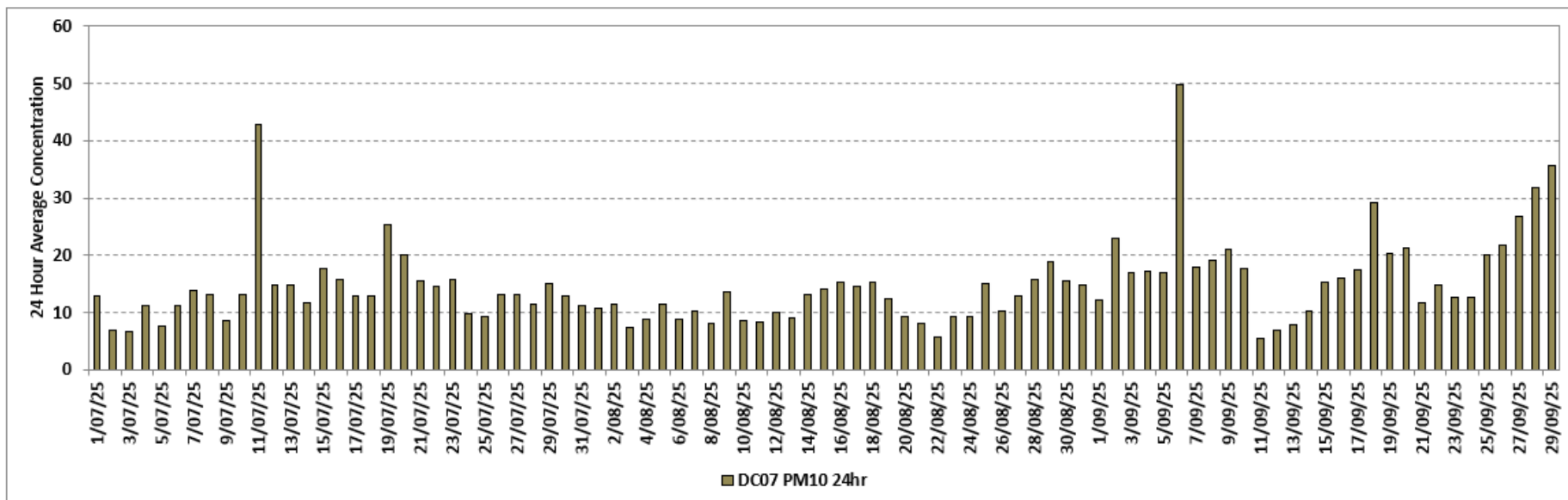
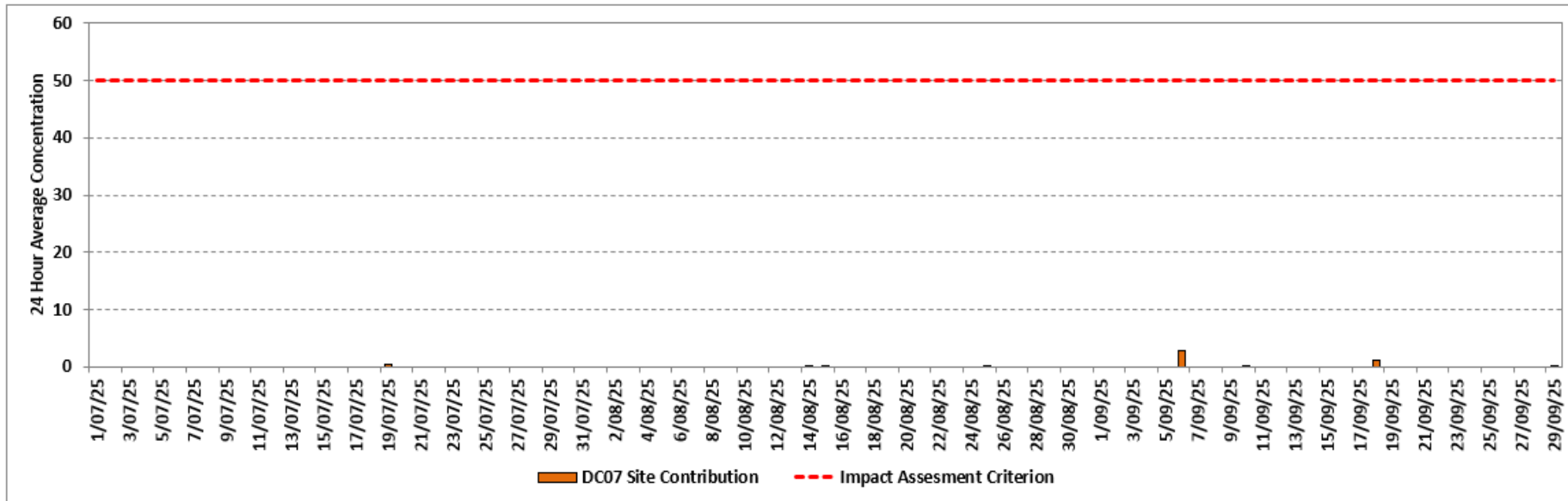
Edderton Homestead - DC06

DC06



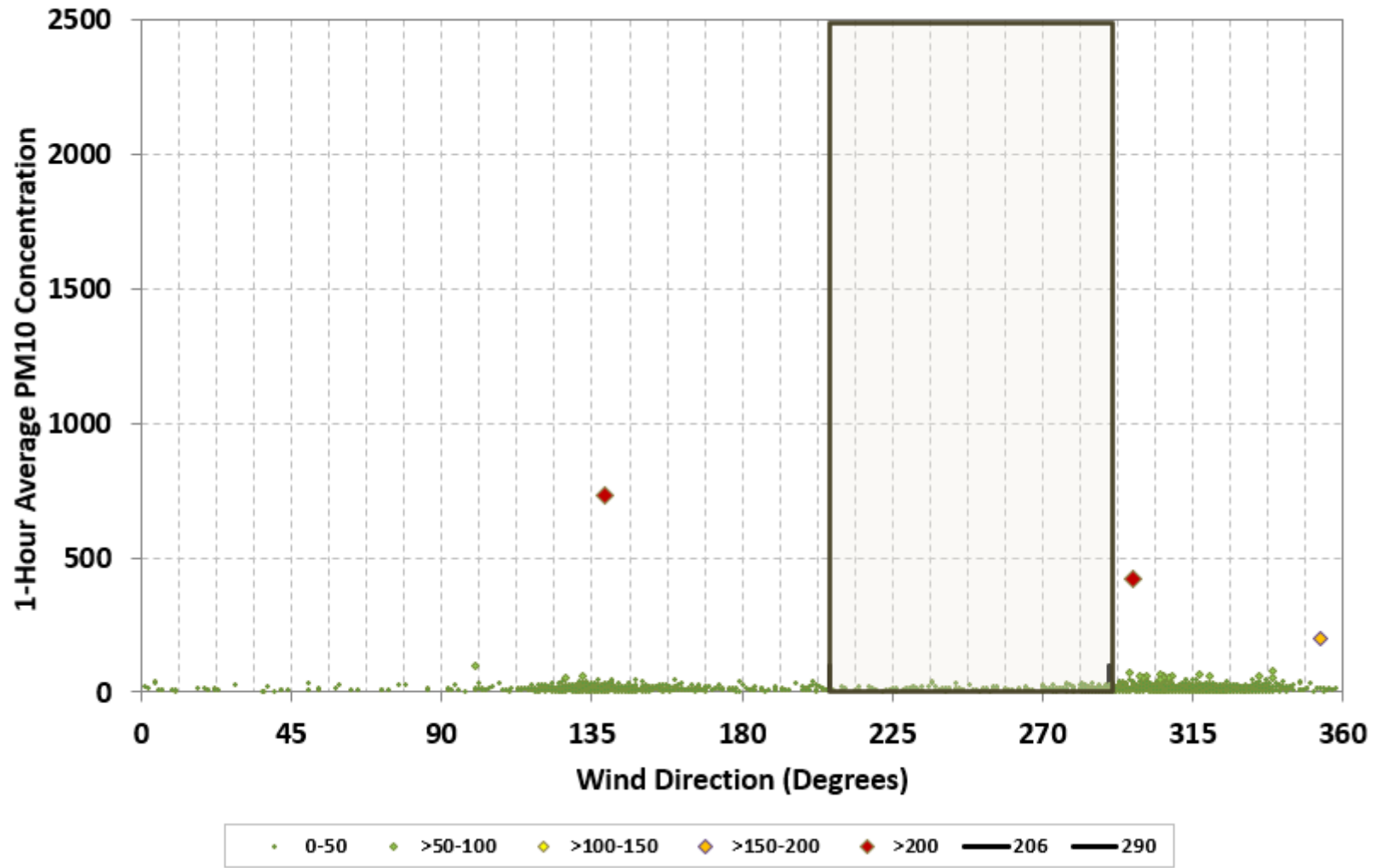
Antiene - DC07

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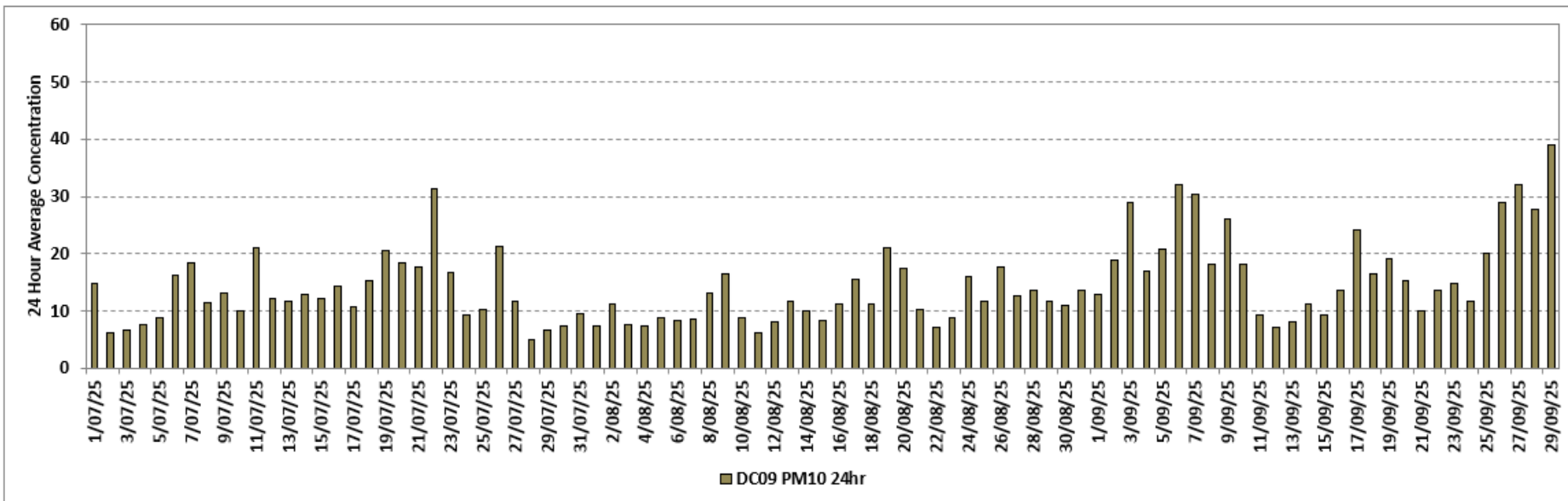
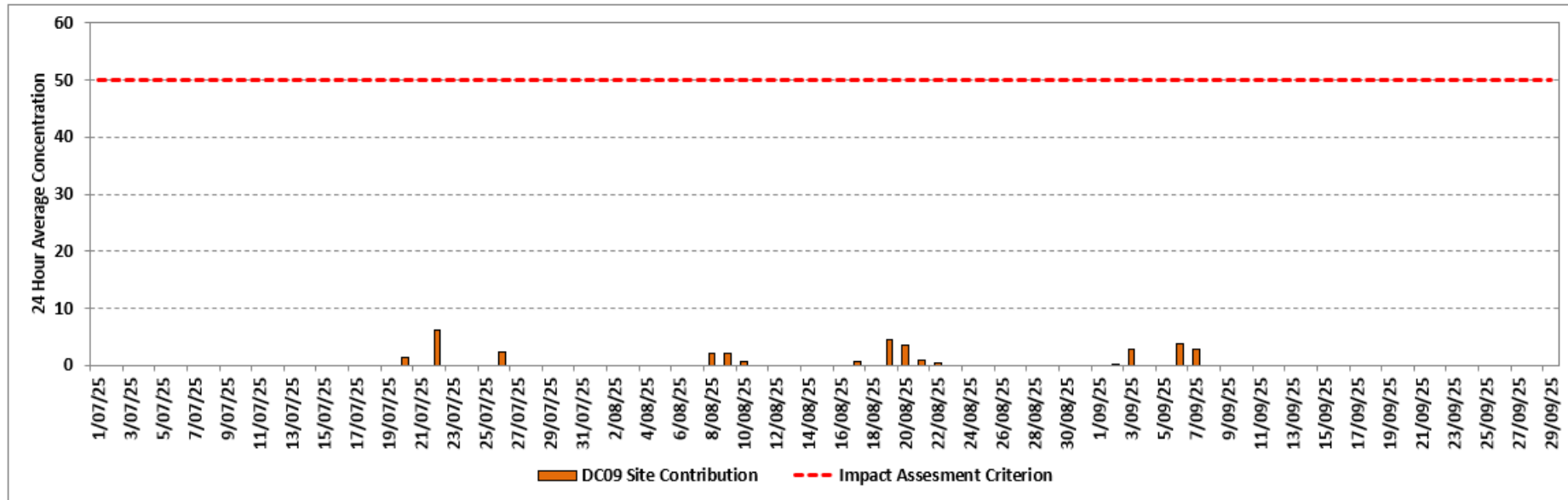
Antiene - DC07

DC07



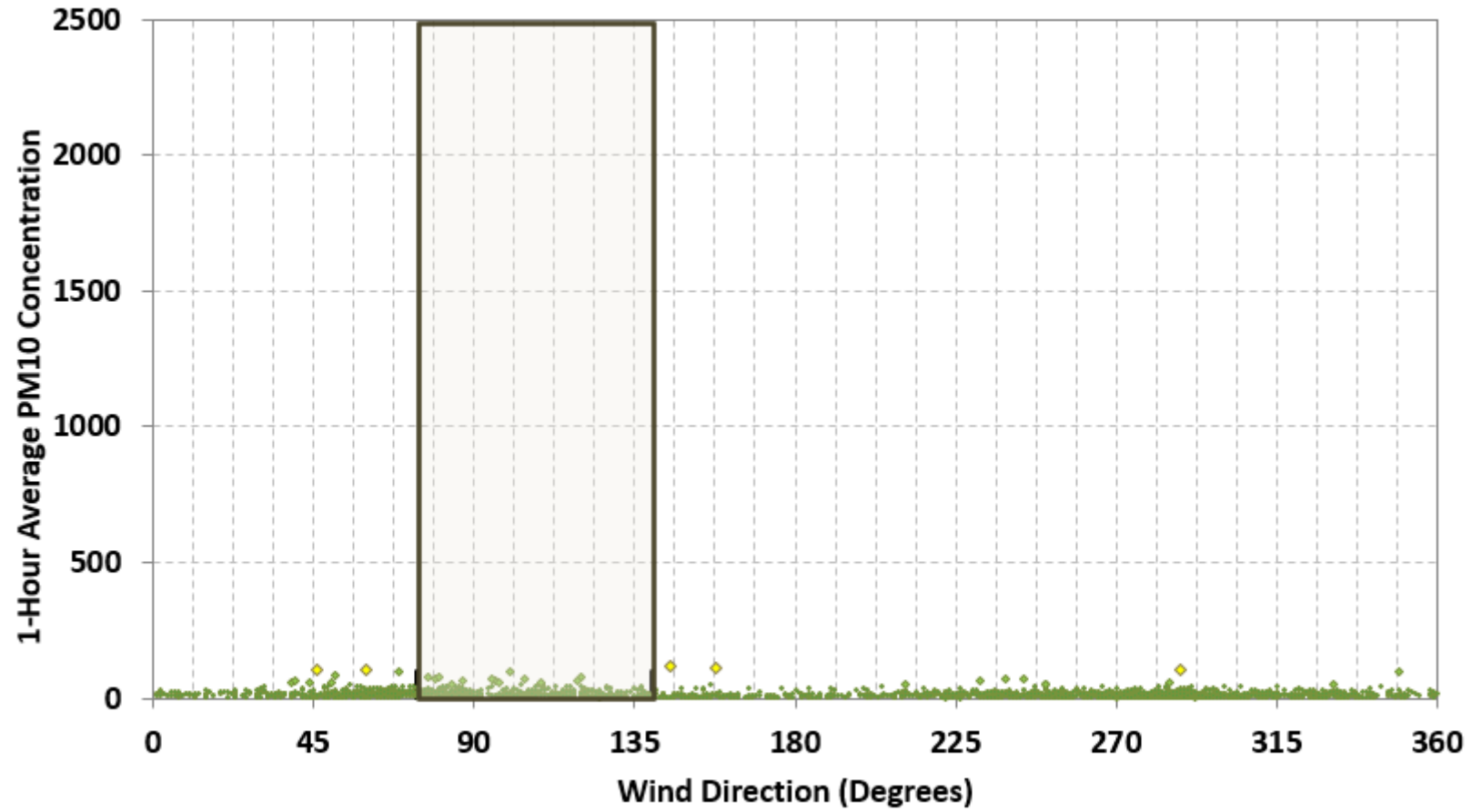
Wellbrook – DC09

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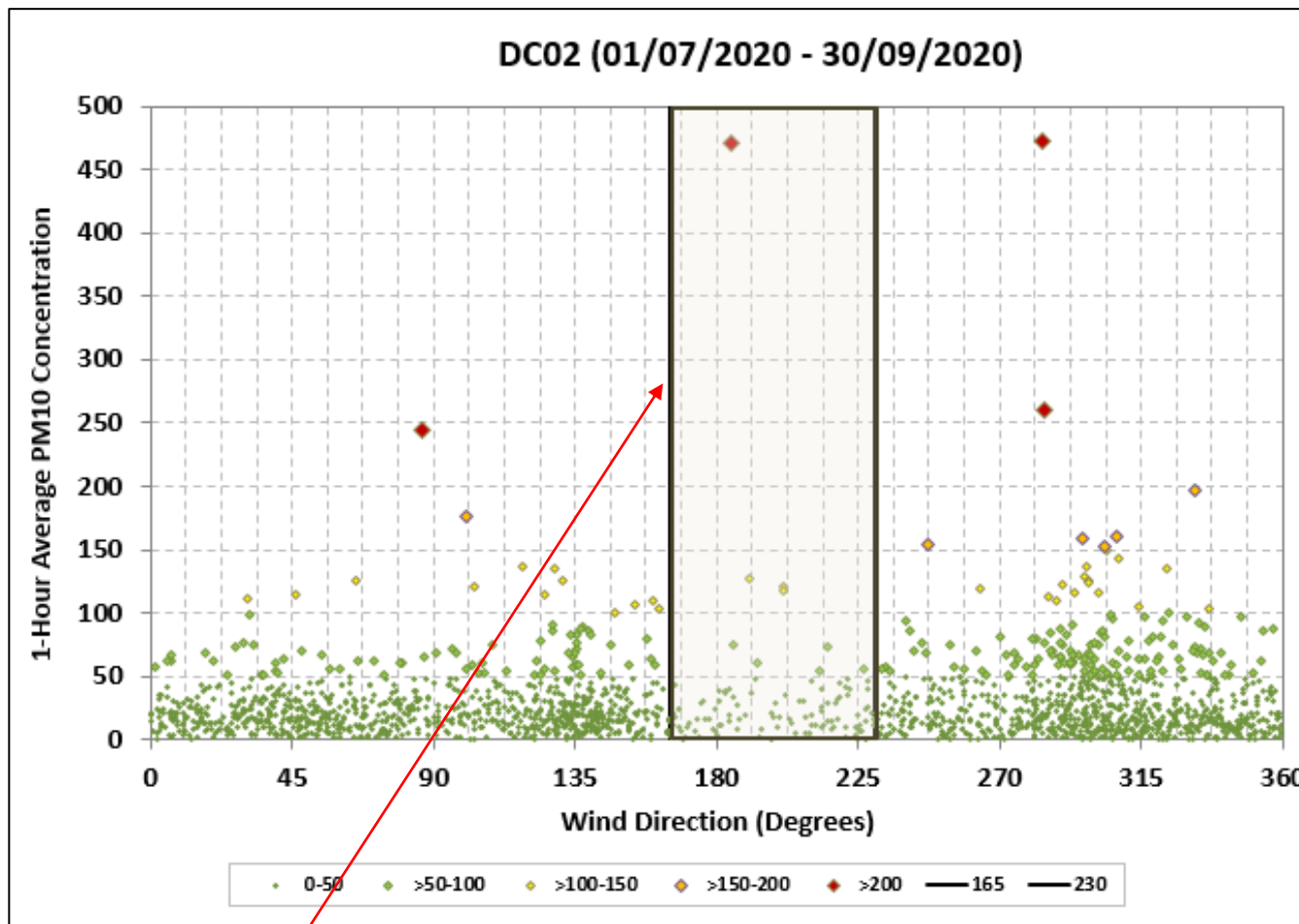
Wellbrook – DC09

DC09



Air Quality Monitoring Interpretation Guidance

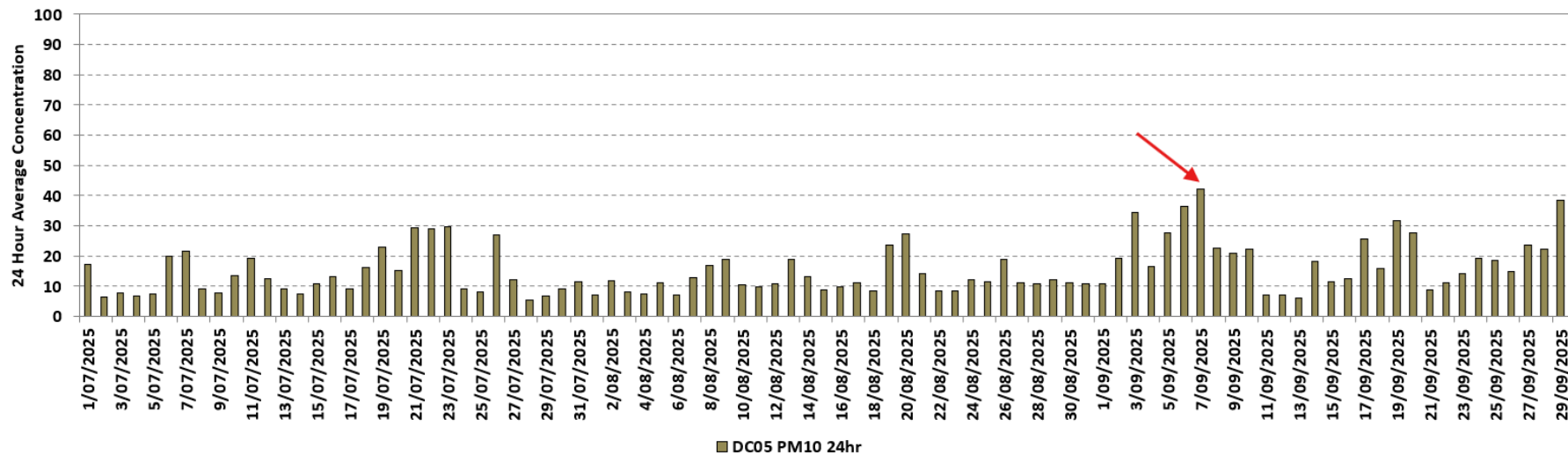
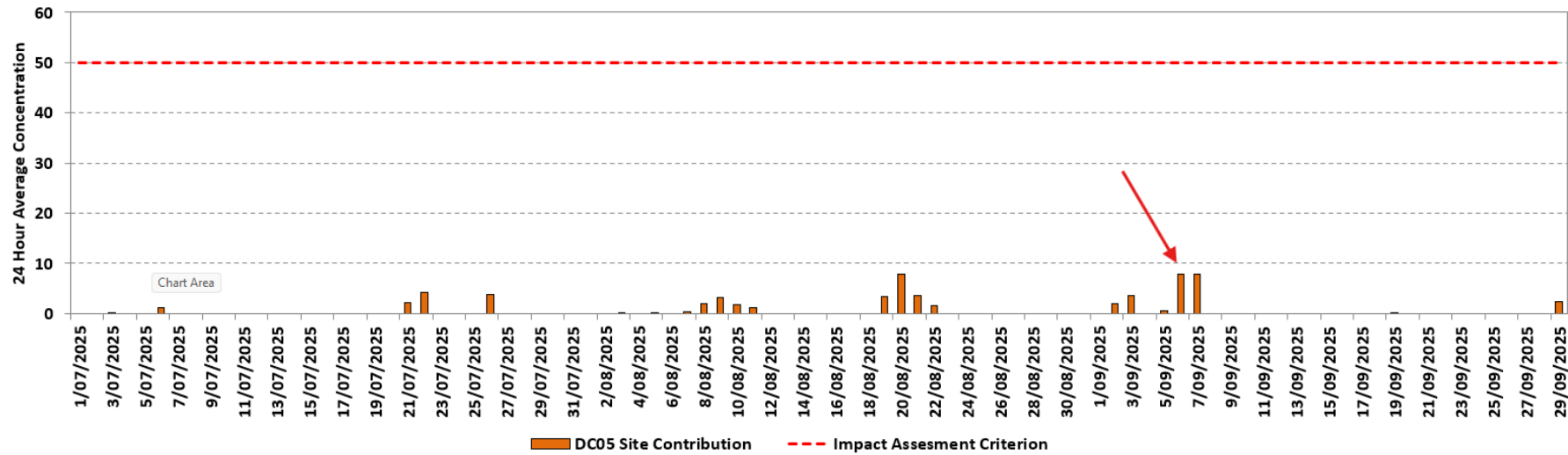
This information has been provided to assist with the interpretation of the air quality monitoring results and figures within this report.



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

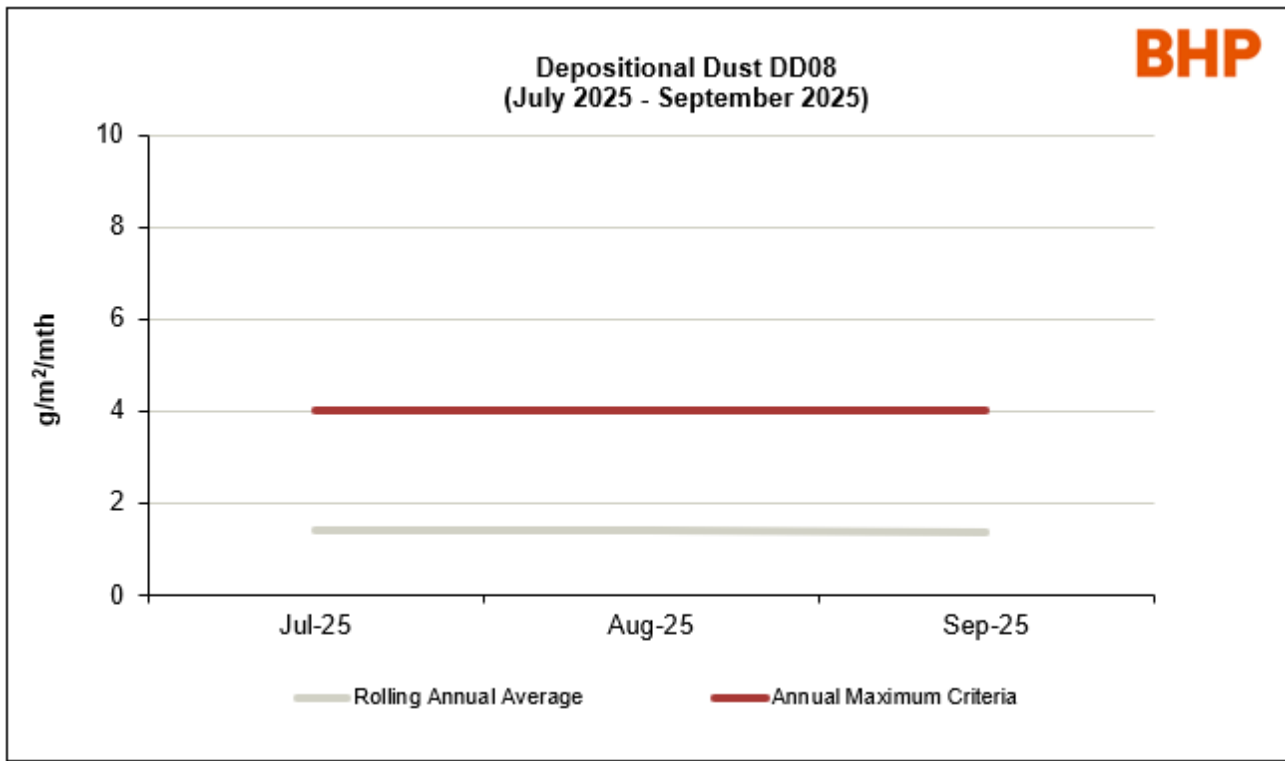
The first graphic shows the incremental 24-hour PM10 Mt Arthur Coal concentrations. This example shows that the Mt Arthur incremental concentration ('Site Contribution') is 7.8 μg^3 . The second graphic shows the cumulative Daily 24hr PM10 concentrations. This example shows that the cumulative 24-hour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



Deposited Dust

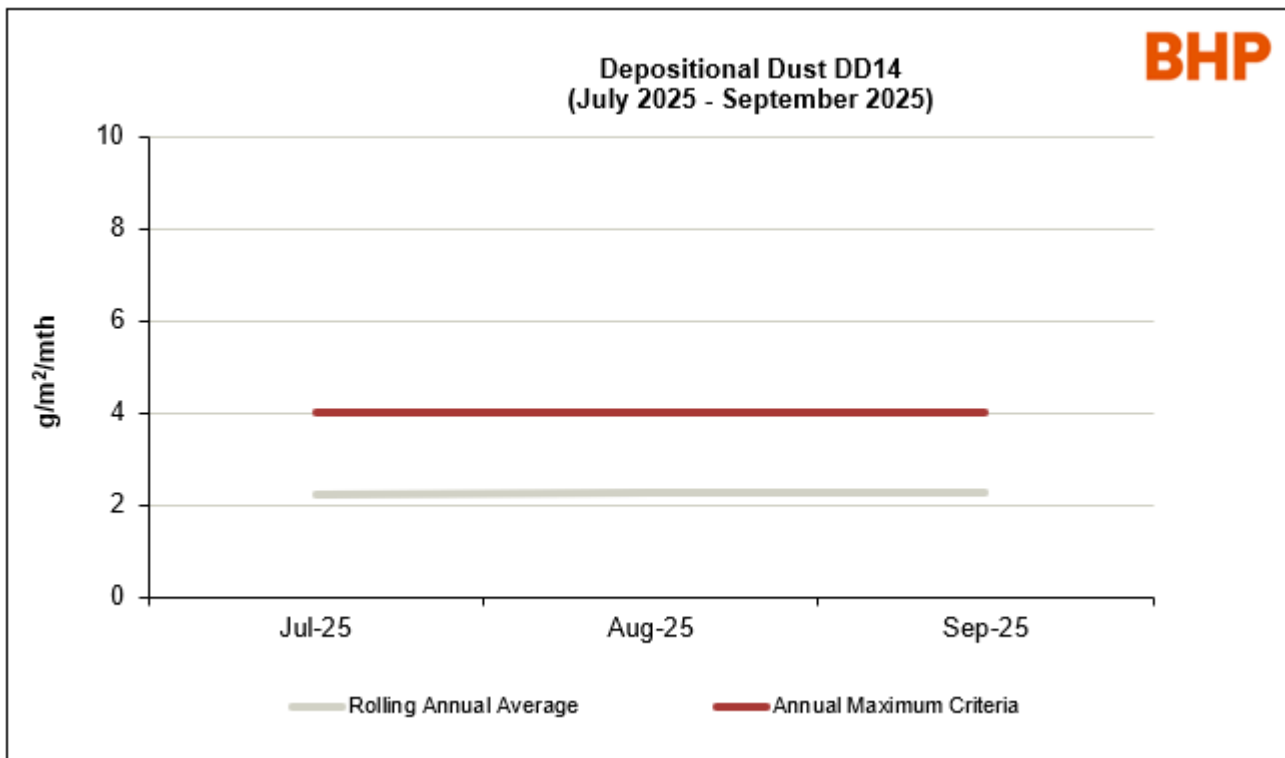
DD08

Data capture – 100%



DD14

Data capture – 100%



Water Monitoring (1 July 2025 to 30 September 2025)

Groundwater

Groundwater monitoring was undertaken in September 2025 with results currently being analysed. The results from the September 2025 monitoring round will be communicated at the next CCC.

The June 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 all reported to DPHI and will continue to be monitored.

Surface water

Surface water monitoring was conducted monthly during the three-month period. There were no exceedances of the criteria.

Blast Monitoring (1 Jul 2025 to 30 September 2025)

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

There were four exceedances of the lower vibration limits at the following:

- Denman Rd West monitor (BP09R) reported a result of 115.1 dBL on Thursday 10 July 2025 at 11:11pm.
- Denman Rd West monitor (BP09R) reported a result of 116.7 dBL on Monday 28 July 2025 at 3:20pm.
- Sheppard Avenue monitor (BP07) reported a result of 117.7 dBL on Saturday 20 September 2025 at 2:43 pm.; and
- Denman Rd West monitor (BP09R) reported a result of 119.6 dBL on Friday 26 September 2025 at 3:21pm.

No complaints were received for these events. The exceedance of the lower overpressure limits is within the 5% of allowable exceedances for FY25 and not considered an environmental incident.

Operational Noise Monitoring (1 July 2025 to 30 September 2025)

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 July 2025 to 30 September 2025)

Groundwater Exceedance

The groundwater monitoring that was undertaken in June 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.

Sediment laden water discharge

During an inspection on 18 September it was identified that sediment laden water had potentially travelled off-site. Further investigation identified that the water had remained within BHP owned and operated land but had extended beyond the extent of the Approved Ancillary Disturbance Boundary.

Planned repair works to the catchment diversion drain where the water had overtopped were expedited as a result of the event, and clean-up and maintenance of the catchment drain was completed on the 23 September. The incident and findings of the investigation were reported to the DPHI.

Environmental Reporting (1 July 2025 to 30 September 2025)

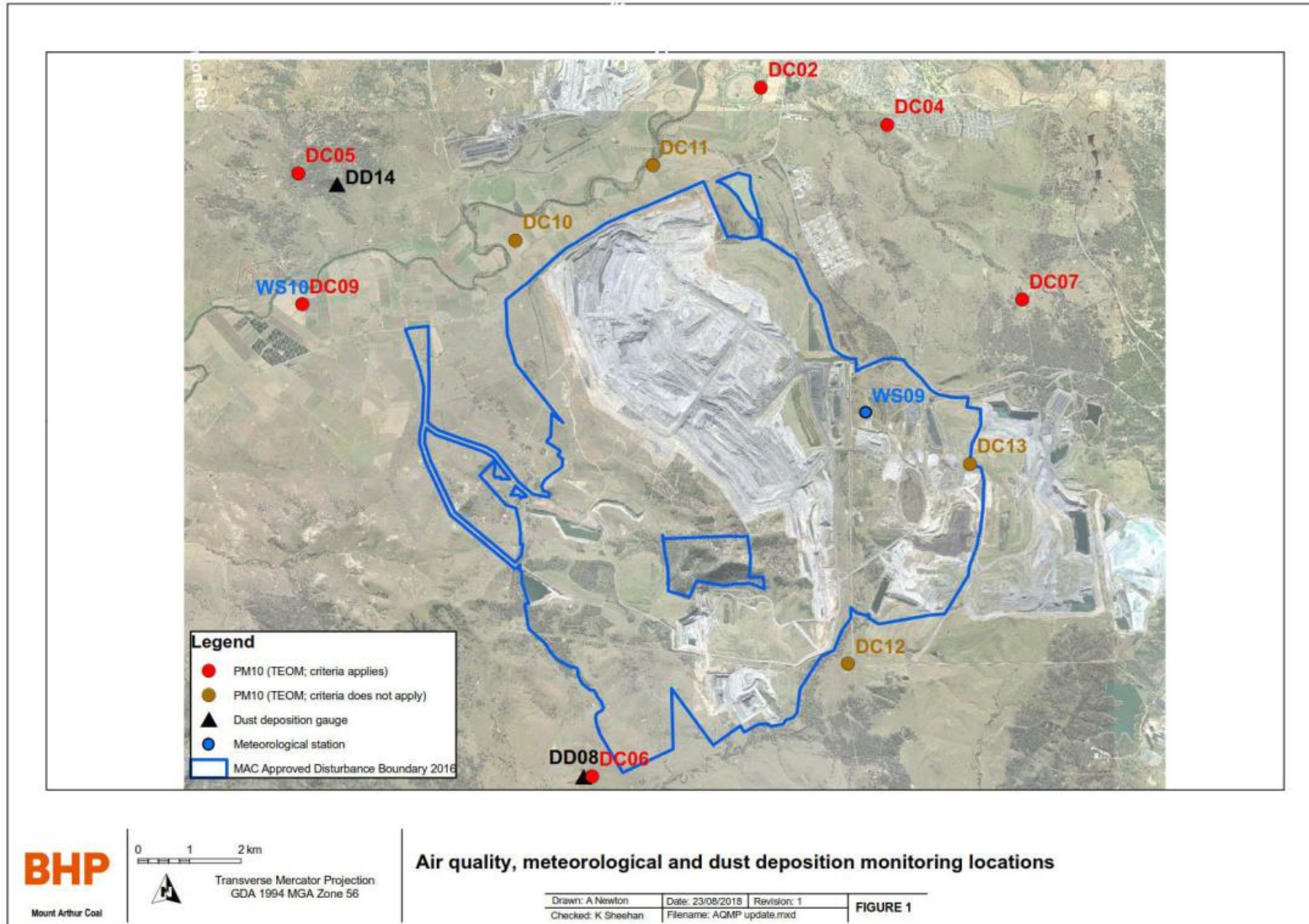
Monthly Reporting

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)



Site Water Monitoring Locations (Sourced and modified from: Site Water Management Plan)

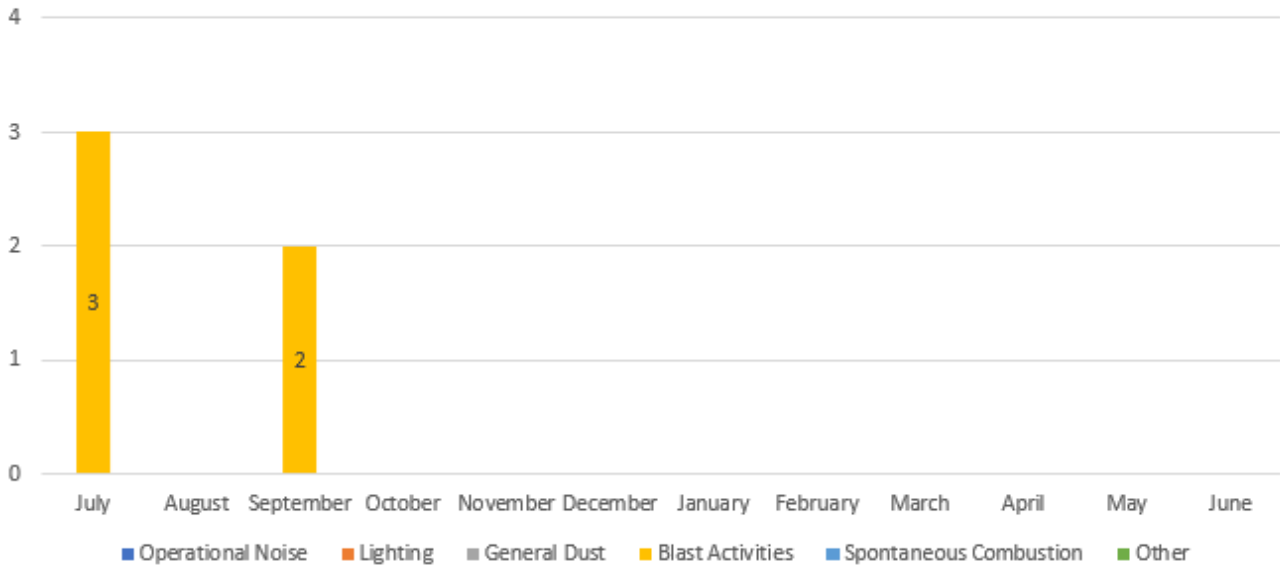
Surface Water and Ground Water Monitoring Locations:



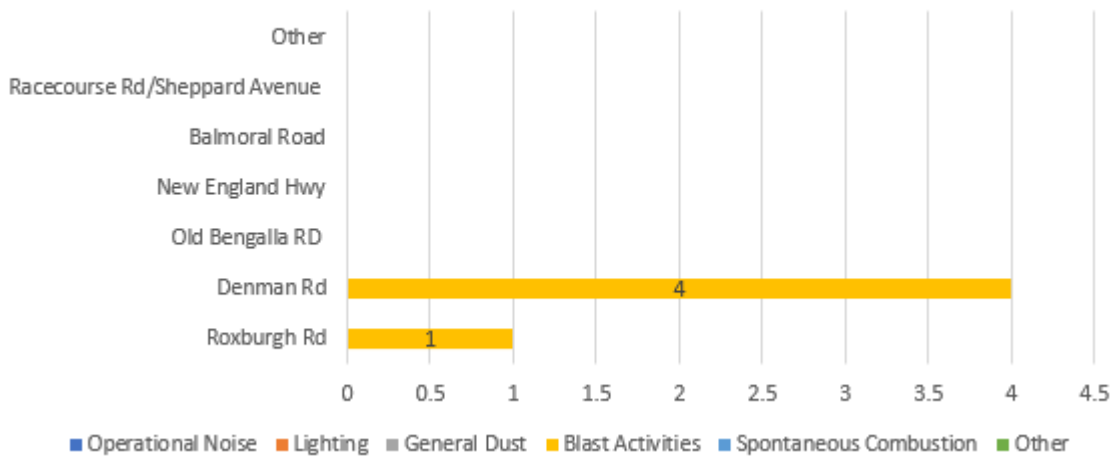
Community Complaints

The Community Complaints included in this report are for the period 1 July to 30 September 2025. Mt Arthur Coal received five (5) complaints during this period. All five (5) complaints related to blasting impacts. Four (4) complaints were from Denman Road, and One (1) complaint was from Roxburgh Road.

FY26 NSWEC Community Complaints by type



Community Complaints by location



Actions from previous meeting/s

The actions from previous meetings are listed below.

Action	Status
Actions remaining open from previous meetings	
Action 1 (Feb 2024): MAC to advise the CCC when the Public Exhibition period is known for the EPBC Referral documentation	Ongoing. No updates from DEECW
Action 2: (May2025) WP and JM to liaise regarding commencing a process for recruiting more community and stakeholder group members for MAC CCC.	In Progress