HS2

August 2026

Air Quality and Dust Monitoring Monthly Report – August 2026

North Warwickshire Borough Council

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Department for Transport

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Monthly Summary

1.1.1 This Summary Report is published in fulfilment of commitments detailed in the High Speed Rail (London-West Midlands) Environmental Minimum Requirements, Annex 1: Code of Construction Practice, for the nominated undertaker to present the results of air quality and dust monitoring undertaken in North Warwickshire Borough Council (NWBC) during August 2026.

1.1.2 Figures 1 and Figure 2 in Appendix A present the current worksites together with the dust monitoring locations.

1.1.3 This summary should be read in conjunction with the overview monitoring report monthly available from www.gov.uk/government/collections/monitoring-the-environmental-effects-of-hs2, which highlights: the applicable standards and guidance, as well as the air quality and dust monitoring methodologies to be implemented by nominated undertakers throughout construction.

1.1.4 The current worksites, as presented in Figure 1 and Figure 2, include:

Sublot 6BS

Gilson Embankment

- Temporary Road construction at Gilson North and finishing embankment construction at Gilson ATS.

Attleboro Lane Overbridge

- No works occurred in August 2026.

Sublot 7

Faraday Avenue Embankment and Underbridge

- WO1 Deck erection completed (Span P28-P29).
- WO2 P25-P26 Deck Erection completed.
- RTW-DT Deck erection completed (Span P10-A11).
- RTE Currently on P06.
- Motorway Possession: WO1 P29-P30, P30-P31 span erected.

Marston Box

- Mobilisation of conveyor belt system.
- Removal of surcharge started.
- Stockpiling of concrete.
- Use of mobile crane, excavator and crusher.

Sublot 6NC

Marsh Lane Embankment

- High Speed Rail Embankment Construction.
- Drainage Construction.
- Stockpile Maintenance.
- Technical Backfill.
- Haul Road Maintenance & Construction.
- Dig & Replace.
- Landscape Construction.
- Borrow Pit Excavation.
- Borrow backfill.

Sublot 5N

Chattle Hill Box Structure

- No works occurred in August 2026.

1.1.5 Eight (8) dust monitors are installed around these worksites, where works are underway. These sites returned a low to medium dust risk rating.

1.1.6 Dust monitoring locations and results are presented in Appendix B, Table 1, together with line charts of monthly data from each dust monitor presented in Figure 3. All continuous dust monitoring is undertaken using indicative monitors. Despite being Environment Agency (MCERTS) certified, indicative monitors carry a higher level of uncertainty than reference monitors, and therefore cannot be strictly compared with Air Quality Standards for human health and the environment. The purpose of the monitoring undertaken is to ensure the effectiveness of the on-site mitigation.

1.1.7 The trigger level for PM_{10} concentrations of 190 µg/m^3, over a 1-hour period, in accordance with the updated guidance document '*Guidance on Monitoring in the Vicinity of Demolition and Construction Sites – (October 2018)*' has been applied.

1.1.8 Details of the trigger alert investigations and remediations are presented in Appendix B, Table 2.

1.1.9 Data capture was below 90% at monitors FAEU001 and GE002 due to technical issues; monitor replacements on 11th August 2026 and 6th August 2026, respectively, resolved the faults and restored normal operation.

1.1.10 Table 1 provides a summary of the complaint information relating to dust or air quality received during the reporting period, together with the findings of any related investigations.

Table 1: Summary of complaints received during August 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47616-C	N/A	Large amounts of dust settling on personal property.	Dust arising from construction activities is monitored and managed through a range of mitigation measures. These measures include site inspections, environmental monitoring and dust suppression activities, which are undertaken to minimise impacts on local communities wherever reasonably practicable. No exceedances have been recorded in the area. Based on the location of the property, this falls outside the eligibility boundary for both the car cleaning voucher and window cleaning scheme and is therefore not eligible to receive this service at this time. Resident has been informed.
HS2-26-47620-C	N/A	Strong fishy smell in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47621-C	N/A	Disgusting smell in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47622-C	N/A	Awful fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47625-C	N/A	Horrendous fish gut smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being

			undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47626-C	N/A	Fishy/urine smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47627-C	N/A	Horrendous rotting fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47628-C	N/A	Foul rotten fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47630-C	N/A	Strong fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47635-C	N/A	Unbearable fish smell.	The odour has been confirmed to residents due to the movement of materials on the

			south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47636-C	N/A	Awful smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47639-C	N/A	Significant levels of dust.	Dust arising from construction activities is monitored and managed through a range of mitigation measures. These measures include site inspections, environmental monitoring and dust suppression activities, which are undertaken to minimise impacts on local communities wherever reasonably practicable. No exceedances have been recorded in the area. Based on the location of the property, this falls outside the eligibility boundary for both the car cleaning voucher and window cleaning scheme and is therefore not eligible to receive this service at this time. Resident has been informed.
HS2-26-47640-C	N/A	Horrible fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47641-C	N/A	Persistent odour in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent

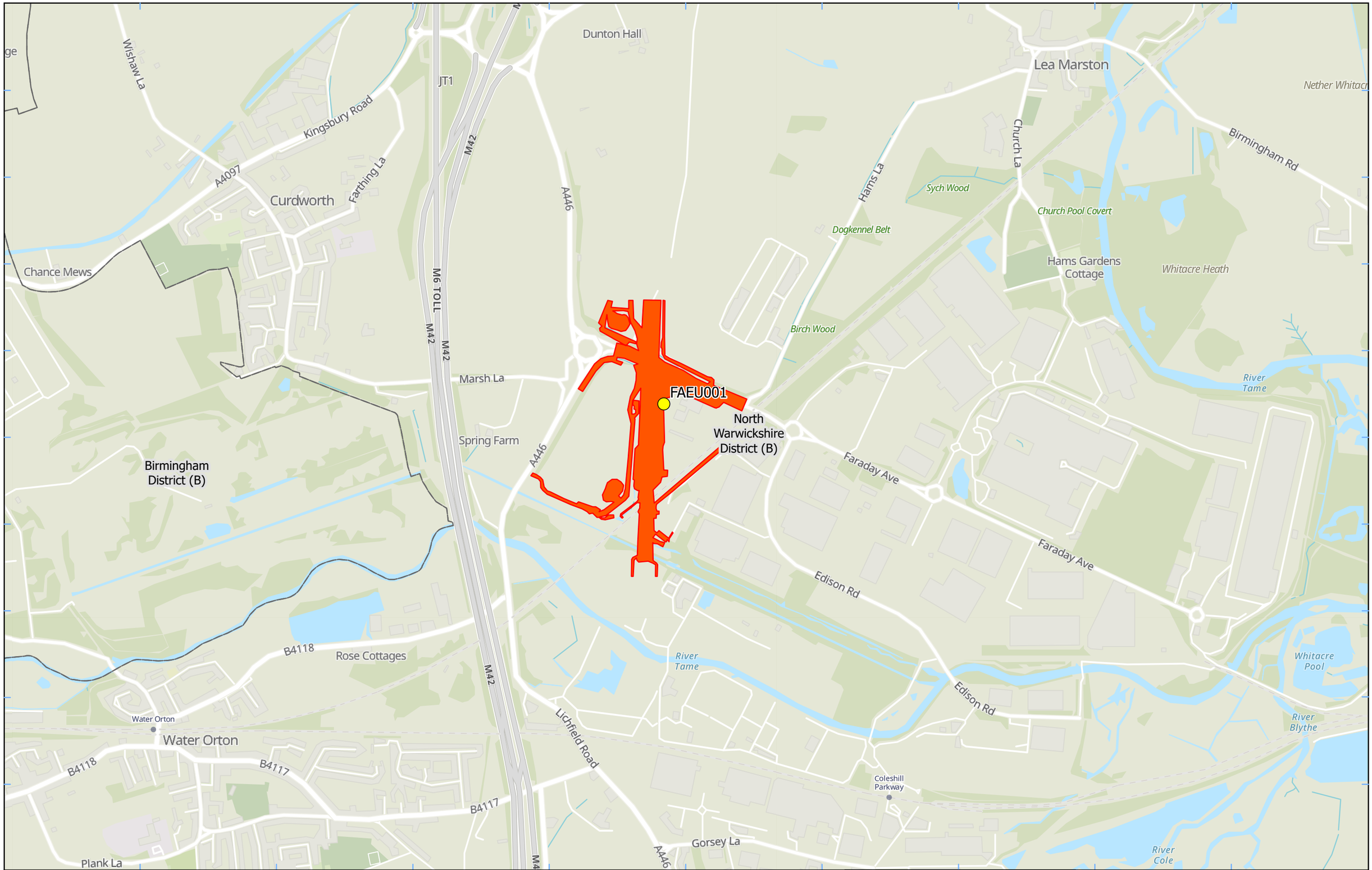
			diffusers which are used to help reduce this impact.
HS2-26-47642-C	N/A	Unpleasant odour in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47643-C	N/A	Unpleasant odour in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47650-C	N/A	Smell is unbearable.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47654-C	N/A	Smell is awful.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47661-C	N/A	Strong odour.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact.

			Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47679-C	N/A	Fishy chemically smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47697-C	N/A	Strong smells.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47710-C	N/A	Persistent odour in the area.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47711-C	N/A	Fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47712-C	N/A	Disgusting smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being

			undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47713-C	N/A	Persistent unpleasant fish smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47716-C	N/A	Fishy odour.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-136893-E-C	N/A	Odour in the area	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.
HS2-26-47743-C	N/A	Persistent fishy smell.	The odour has been confirmed to residents due to the movement of materials on the south site at Water Orton. Odour-neutralising misters sprays are in operation, and daily odour monitoring is being undertaken at site perimeters and in locations where concerns have been raised to minimise and monitor any off-site impact. Following several similar complaints, the team conducting the work have stood up the use of both the mist cannon and scent diffusers which are used to help reduce this impact.

Appendix A – Worksites and Monitoring Locations

Figures 1 and 2: Worksites and Monitoring Locations within NWBC



Legend

Dust Monitor
District Borough Unitary Boundaries
Worksite

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Contains data from OS Zoomstack

Map Number

Map Name

Worksite and Monitoring Locations In NWBC (Sheet 1)

North Warwickshire Borough

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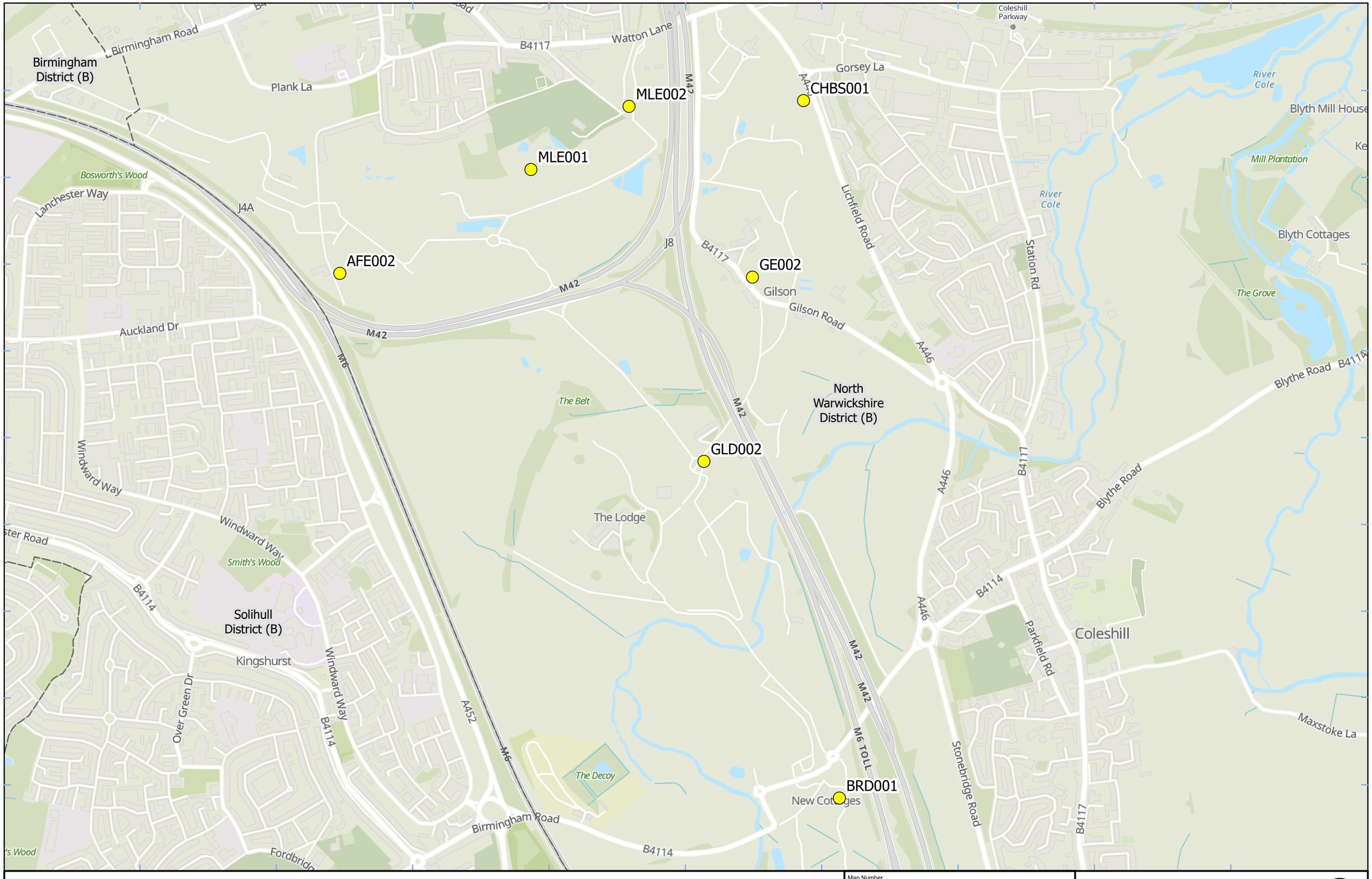
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Date: 19/12/24



Legend

- Dust Monitor
- District Borough Unitary Boundaries

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Contains data from OS Zoomstack

Map Number

Map Name

Monitoring Locations In NWBC (Sheet 2)

North Warwickshire Borough

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Date: 28/04/26

Appendix B – Dust Monitoring Results

Table 1: Dust Monitoring Locations and Results

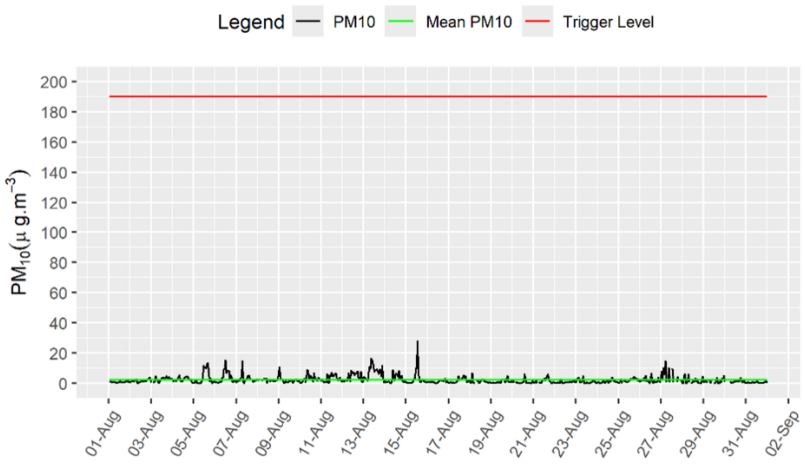
Monitoring site ID	Coordinates (X,Y)	Location description	Dust risk rating for site	Monitoring site active during period	Change to site since previous period report	Mean 1-hour PM_{10} concentration ($\mu g/m^3$)	Minimum 1-hour PM_{10} concentration ($\mu g/m^3$)	Maximum 1-hour PM_{10} concentration ($\mu g/m^3$)	Number of 1- hour periods exceeding trigger level of 190 $\mu g/m^3$	Data capture (%)
BRD001	419262, 288328	New Cottage, Birmingham Road, Coleshill	L	Yes	No	2.4	0.1	28.1	0	97.7
FAEU001	419164, 292273	Faraday Avenue Embankment and Underbridge, at Orchard Cottage	L	Yes	No	3.0	0.1	24.2	0	65.6
GLD002	418807, 289570	Gilson Drive	L	Yes	No	4.8	0.1	59.4	0	98.4
MLE001	418205, 290509	Vicarage Lane	L	Yes	Yes	5.8	0.2	28.7	0	100.0
AFE002	417455, 290269	Attleboro Farm, Attleboro Lane	L	Yes	No	13.2	0.1	250.3	2	99.5
GE002	418886, 290192	Lovegrove Cottage, Gilson Road	M	Yes	No	8.6	0.2	122.3	0	83.3
CHBS001	419155, 290755	6 Gorsey Way, Lichfield Road	L	Yes	No	2.1	0.1	29.5	0	98.8
MLE002	418547, 290729	Rugby Club	L	Yes	No	2.3	0.1	47.3	0	98.9

Table 2: Summary of exceedances during period (August 2026)

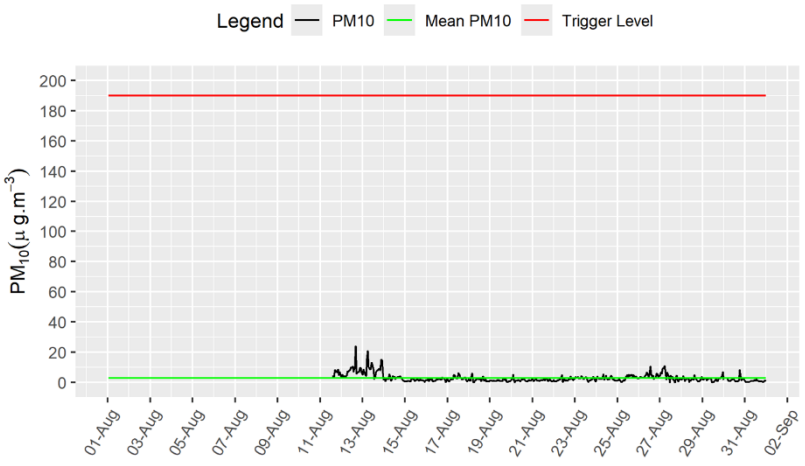
Monitoring Site ID	Period of trigger alert & Concentration recorded	Investigation	Outcomes / Resolution / Remedial measures implemented
AFE002	11/08/2026 15:01 - 16:00; 192.0 $\mu g\ m^{-3}$ 25/08/2026 14:01 - 15:00; 250.3 $\mu g\ m^{-3}$	These exceedances were caused by material being moved in close proximity to the monitor.	The site is monitoring the dust levels and further control measures have been implemented.

Figure 3: Construction dust 1-hour mean indicative PM_{10} concentration for all dust monitors

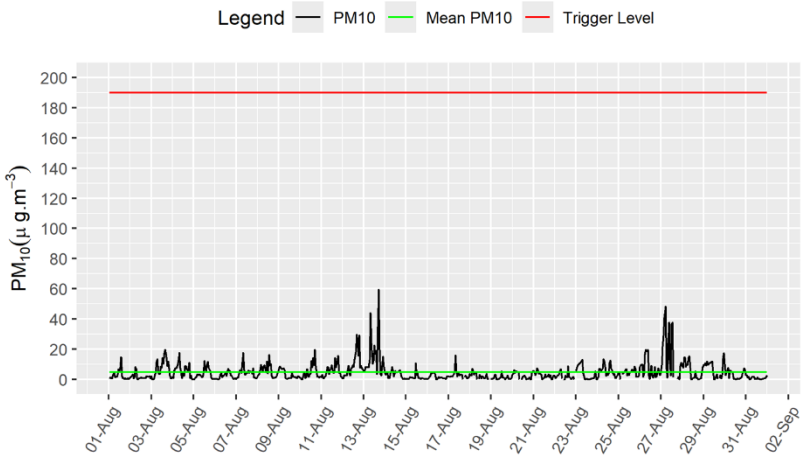
BRD001



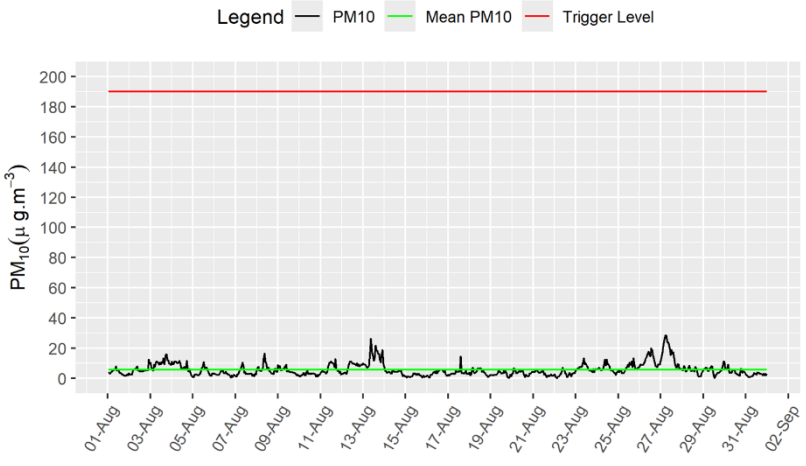
FAEU001



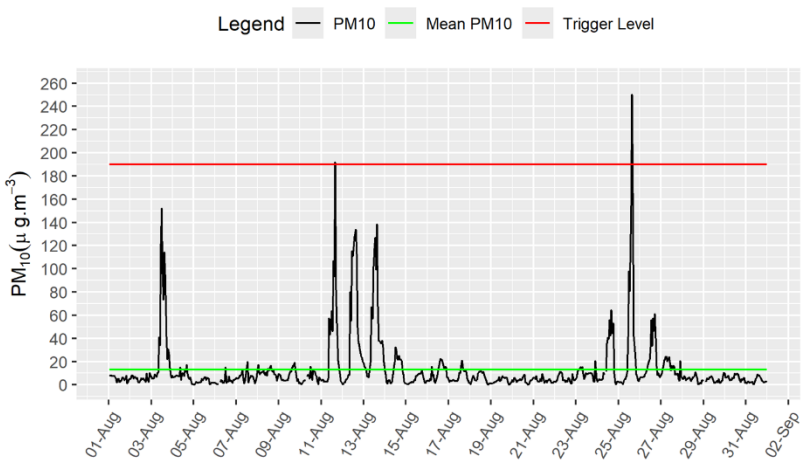
GLD002



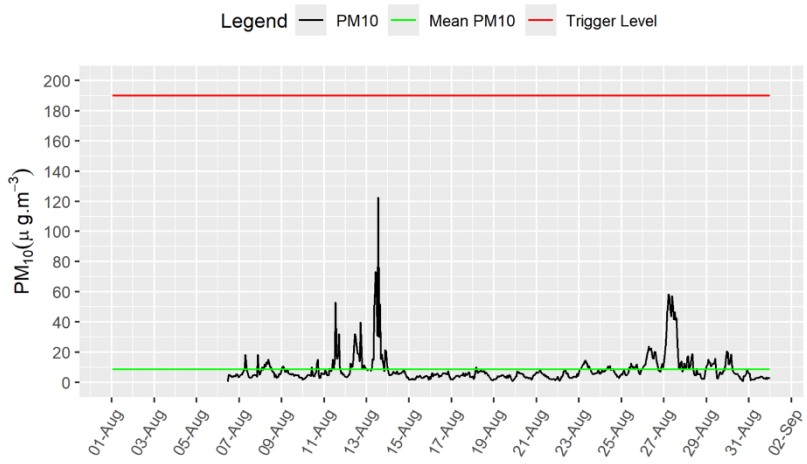
MLE001



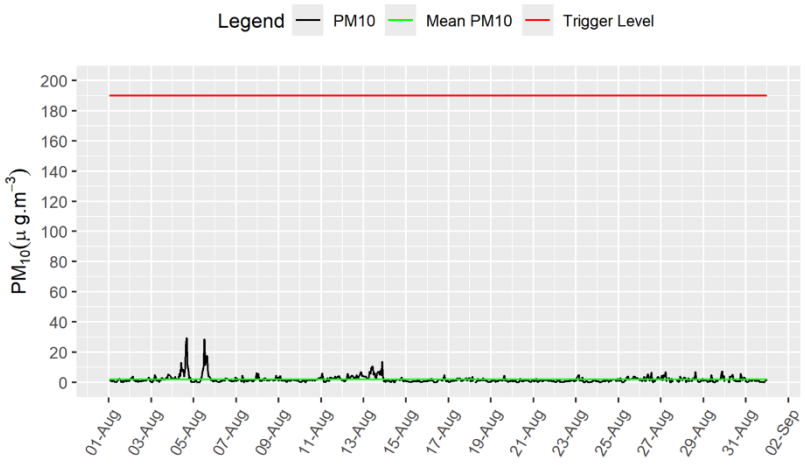
AFE002



GE002



CHBS001



MLE002

