

REPORT TITLE: Additional Information requested by Overview & Scrutiny Committee and Full Council concerning potential revocation of the Kidderminster Road, Hagley AQMA

Relevant Portfolio Holder	Cllr Peter Whittaker
Portfolio Holder Consulted	Yes
Relevant Head of Service	Simon Wilkes
Ward(s) Affected	Hagley East
Ward Councillor(s) Consulted	Cllr. Colella, Cllr. Jenkins

Overview & Scrutiny, Full Council and Leaders Group meetings asked for additional information to be provided. Please find attached additional information provided as requested.

The attached table (Appendix 1) shows the monthly results for 2017 for all Bromsgrove District monitoring locations. You will note the generally low levels across all locations in 2017.

1. Particulate Matter

In urban locations away from point (industrial) sources of particulate matter, Defra guidance suggests a correlation between NO₂ levels and that of PM_{2.5} and PM₁₀. There are no significant alternative sources of PM matter identified in the Bromsgrove AQMA areas either Industrial or otherwise.

WRS have had communication with the Director of Public Health (DoPH) on whether a specific objective or actions need to be taken with regard to PM_{2.5}. To date no evidence has been provided by health colleagues or suggestions raised that there is a concern with PM_{2.5} in the county. Defra's background maps of predicted PM_{2.5} concentrations based on monitoring across the country, indicates that concentrations are well below the annual average EU limit value for PM_{2.5} (which is 25ug/m³).

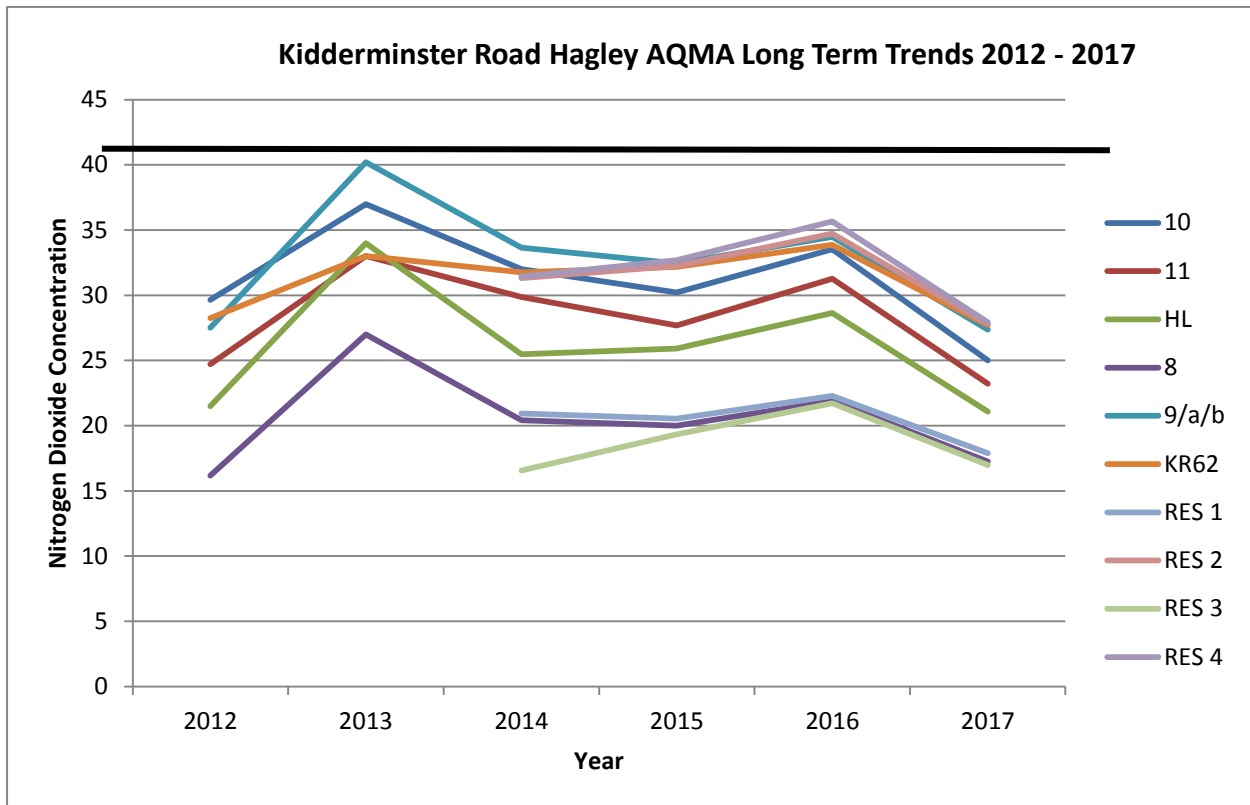
2. Continuous Analyser costs

Defra guidance is explicit about the standard of equipment that is used formally during the Local Air Quality Management Regime. Whilst there are numerous portable monitors on the market, they are not compliant with Defra guidance and can not be used to undertake the monitoring used for reporting by Local Authorities on air quality.

The costings (Appendix 2) relate to a continuous analyser that would monitor both NO₂ and PM₁₀. The analyser can realistically take between six and twelve months to get installed and will need to be in place for a minimum of six months including at least one winter and one summer month but ideally be in place for a year. Decommissioning similarly takes around six months to complete.

3. Monitoring results for 2017

The following graph shows the long-term trend of annual averages (bias adjusted) results for nitrogen dioxide monitoring in and around the Kidderminster Road, Hagley AQMA.



KEY

10 – 77a Park Road, Hagley
11 – 74 Worcester Lane, Hagley
HL – 20 Birmingham Road sign
8 – 9 Market Way, Hagley
9/a/b – 78 Kidderminster Road, Hagley

KR62 – 62 Kidderminster Road
RES1 – 26 Stourbridge Road, Hagley
RES2 – 21 Birmingham Road, Hagley
RES3 – 104 Kidderminster Road South, Hagley
RES4 – 23 Worcester Road, Hagley

AUTHOR OF REPORT

Name: Mark Cox
email: mark.cox@worcsregservices.gov.uk
Tel: 01562 738023