



High Peak Borough Council
working for our community

Information Digest



To: All HPBC Members

Date: 16 January 2024

AIR QUALITY UPDATE – ANNUAL STATUS REPORT 2023

Councillor Jean Todd

Executive Councillor for Climate Change, Environment and Community Safety

Alicia E Patterson

Head of Environmental Health & Licensing

1. Reason for the Report

- 1.1 To update Members on the latest Air Quality Data across the High Peak and measures being proposed and undertaken in relation to the two declared Air Quality Management Areas (AQMAs) as part of the Air Quality Action Plan.

2. Recommendation

- 2.1 That the updated information and data be noted;
- 2.2 That a further declaration was made in August 2023 for the AQMA in Fairfield be noted.

3. Executive Summary

- 3.1 The report provides details of the monitoring of air quality which has been undertaken in the Borough as part of the Council's statutory duty to manage air quality in its area. The results provide valuable data and confirm that road traffic sources are the primary source of NO₂ pollution across the Borough, which supports the measures outlined in the Air Quality Action Plan (AQAP).
- 3.2 Full details of the air quality results for 2022 can be found in the HPBC Annual Status Report 2023 attached.

4. How this report links to Corporate Priorities

- 4.1 Aim 1: Supporting our communities to create a healthier, safer, cleaner High Peak
- 4.2 Aim 4: Protect and improve the environment including responding to the climate emergency

Mark Trillo

Executive Director (Governance & Commissioning)

Web Links and Background Papers

Attached – ASR

Contact details

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5. Detail

- 5.1 In accordance with the Council's statutory duty to manage air quality in the Borough, monitoring of Nitrogen Dioxide (NO₂) was completed across the Borough during 2022.
- 5.2 During 2022, one exceedance of the NO₂ annual mean objective was recorded within the existing Tintwistle AQMA. Although it should be noted that, following fall-off with distance correction, the annual mean fell to below 10% of the annual mean AQS objective. Two exceedances were recorded along Fairfield Road – the area of the new AQMA. Following distance correction, concentrations reported at both sites remained within 10% of the annual mean NO₂ objective (36 µg/m³).
- 5.3 Annual mean NO₂ concentrations monitored via diffusion tubes were higher at 31 (of 57 sites when compared to 2021 levels. The largest annual increase was 4.0 µg/m³ at HP44 along Fairfield Road.
- 5.4 Regarding the two existing AQMAs, it is recommended that both Tintwistle and Dinting Vale remain in force, as monitoring sites within both AQMAs have recorded exceedances of the annual mean objective within the past five years, with the exception of 2020 and 2021 in which concentrations across the UK were reduced relative to the Covid-19 pandemic.