

Newington Air Pollution Monitoring

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Historic Newington AQ Issues

- AQMA first Declared in 2009
- Combination of Diffusion tube and automatic monitoring
- No exceedances found with automatic data since declaration
- Diffusion tubes show frequent and significant exceedances
- Tube data up to 25% higher than comparable automatic data
- Exceedances are caused by 'local factors':
 - Traffic stopping and starting.
 - Traffic lights stopping traffic;
 - Water lane junction at peak hours stops traffic flow
 - Slopes up which acceleration occurs at London Road (E) and Ospringe Street (W)
 - Canyon Effect' and positioning of tubes...etc.

Current Newington AQ Issues

- Recent Traffic surveys carried out at various AQMAs/'Hotspots' throughout Swale Borough
- Results indicate higher percentage of HGVs passing through Ospringe AQMA than others
- Several high profile Planning Applications have AQ issues associated
- AQAP suggests that Newington will achieve compliance by 2020:

Newington AQ Issues from Recent AQAP Report

- Strategic AQAP report completed in March 2018
- Traffic counts and ANPR survey carried out in Newington
- Report suggests that by 2020:
- St Pauls and Newington AQMA are likely to be compliant with the AQS, therefore a reduction target is not required.
 - No reduction needed at Newington compared with some other AQMAs for compliance in 2020
 - Cars still form the largest group of vehicles (~57%) - only 7% of cars were petrol, 50% diesel
 - Only 18% were HGVs, similar to other AQMAs,
 - 60% of HGVs are EURO 6
 - Higher % of LGVs at Newington than other AQMAs, nearly 50% of LGVs were EURO 5
 - Modelling at nearest receptors show initial exceedance of NO₂ in 2018, but compliance by 2022

Future Newington AQ Issues

- Pollution levels will decrease naturally due to improvements in vehicle technology and removal of older polluting vehicles.
- Changes in major infrastructure hinted at by policy makers, but timetable unclear
- Vital that acceptance and collaboration with Highway Agencies (KCC, Highways England) occurs for AQAP to be successful
- Important role for AQAP to suggest realistic and achievable practical measures to improve local air quality.
- Also important for local views to be heard and acted on if possible.
- AQAP will go out to public consultation later this year.
- What are your views?