

# 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 NO<sub>2</sub> 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?