

# Air Quality Update -

- **Air Quality Annual Status Report (ASR) 2017**
- **Air Quality Strategy Progress**
- **Clean Air Zone: Tackling NO<sub>2</sub>**



# 2017 Air Quality Annual Status Report (ASR)

- **This Annual Status Report (ASR) is an annual requirement showing the air quality status in North Tyneside and to identify any strategies employed by North Tyneside Council to improve air quality .**
- **Conclusions:**
  - No Air quality Management Area
- **Progress on Air Quality strategy**
- **Future Actions**



# Conclusions

- Nitrogen dioxide and particulate monitoring found to comply with the Air Quality Emission limits for both short and long term exposure.
- No Air Quality Management Area was considered necessary.
- Report was approved and accepted by Defra.
- Report submitted onto council webpage.



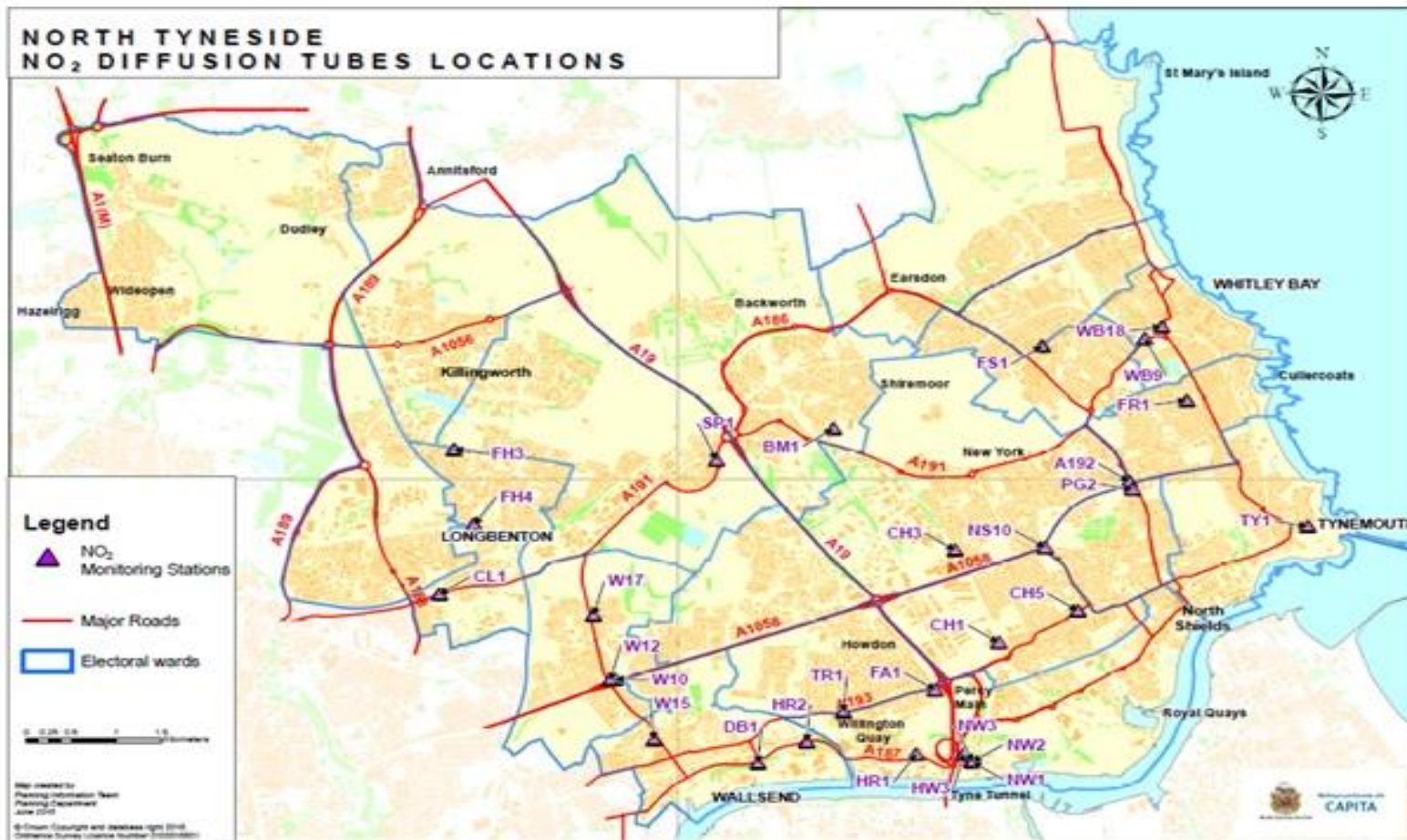
# New Monitoring Points

## Location of Nitrogen Dioxide Tubes

**New Monitoring points about road junction and about a school have been created in Longbenton**

- **West Farm Avenue / Benton Lane**
- **Balliol Primary School Yard.**





## Nitrogen Dioxide Diffusion Tube Monitoring 2017

# Air Quality Strategy

- **Draft Air Quality Strategy produced- still developing action plan for the next 5 years.**
- **Aims of Strategy:**
- **To ensure that all UK statutory obligations for Local Air Quality Management are complied with.**
- **To improve air quality within the Borough and prevent any deterioration where air quality is currently satisfactory.**
- **To work in partnership with strategic planning, development control, transport planning, public health, and environmental protection.**
- **To ensure impacts on air quality are considered when making procurement decisions**
- **Improve public awareness and understanding of air quality and initiatives being implemented.**
- **Raise and maintain the profile of air quality and ensure it remains high on local and national political agendas.**



# Future Actions

- Strategy will be delayed due to publication of UK “ Air quality Plan for nitrogen dioxide”
- National air quality modelling identified North Tyneside as exceeding the NO<sub>2</sub> annual emission limit at the footpath about the A1058 as shown in plan.
- A direction has therefore been issued to all 29 authorities identified with exceedances to create a feasibility study within the next 18 months on the options to reduce the NO<sub>2</sub> to acceptable levels at footpath in the shortest time possible.



# NO<sub>2</sub> Annual Emission Limit Exceedance Area- Clean Air Zone with NO<sub>2</sub> air quality monitoring locations



Nitrogen Dioxide Diffusion Tubes Location  
For  
DEFRA Nitrogen Dioxide Exceedance Study

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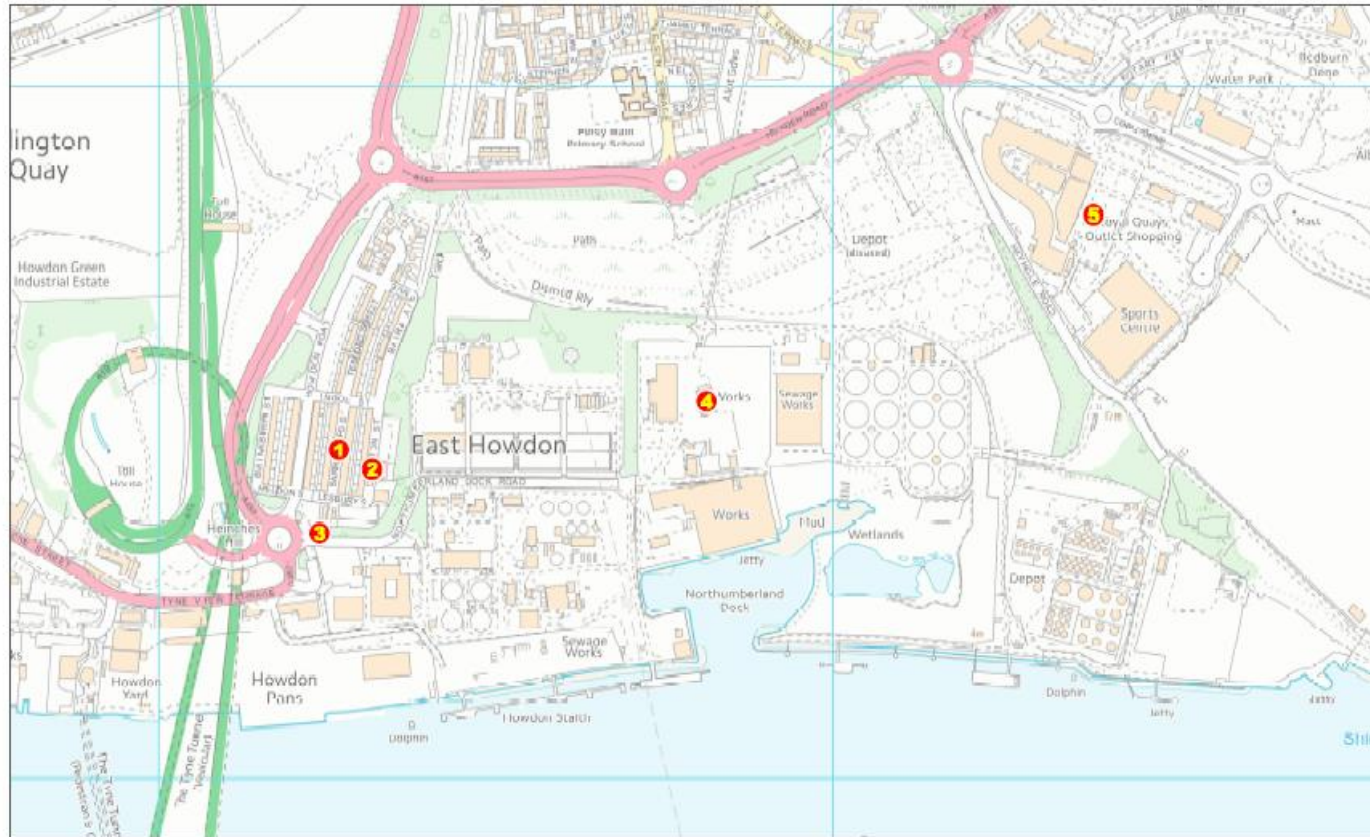


# Actions to Date

- **Steering Group set up to allow joint working with Gateshead and Newcastle to consider options and complete a joint feasibility study.**
- **Additional NO<sub>2</sub> diffusion tube monitoring is now in place from August 2017 which will be used to validate and monitor any actions selected to “ reduce the NO<sub>2</sub> within the shortest time possible”.**
- **Clean Bus Technology Fund- This Clean Air Zone has provided an opportunity for North Tyneside to develop a bid for retrofitting buses to reduce NO<sub>2</sub> emissions. This requires the support and agreement of those identified Bus Companies utilising the A1058 and the transport team. Arriva and Go North East has expressed their support.**



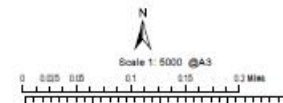
# Odour Issues About Northumbria Water



**Noise Monitoring Areas**

- 1 Barrasford Street
- 2 Chilton Street
- 3 Hemphels Park
- 4 Chemson
- 5 Royal Quays Outlets

**NOISE MONITORING AREAS  
HOWDON SEWAGE  
TREATMENT WORKS**



# Odour Monitoring And Actions

- Over last 10 months only two complaints.
- Odour monitoring has identified odour issues, however , they related to breakdown of plant.
- Northumbria water investigate odour complaint s and have advised of actions which included:
- Hairline break in foul gas line part of the bio digester plant regulated by environment agency. The response of Northumbria water was to bypass bio digester to carry out repairs and to carry out additional maintenance checks.

