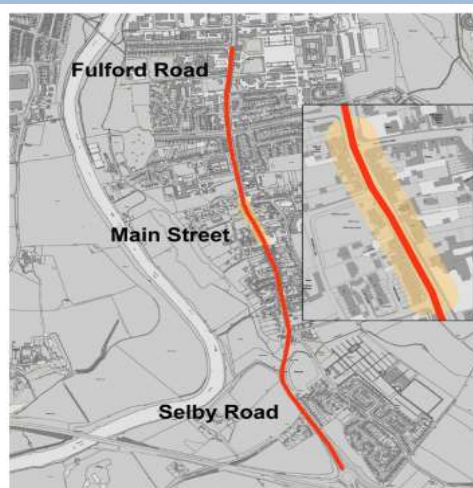


Air Quality in Fulford and Heslington

Fulford and Heslington ward committee, 26 April 2017



Fulford AQMA (declared 2010)



**City of York Council
Air Quality Management
Area No 2**

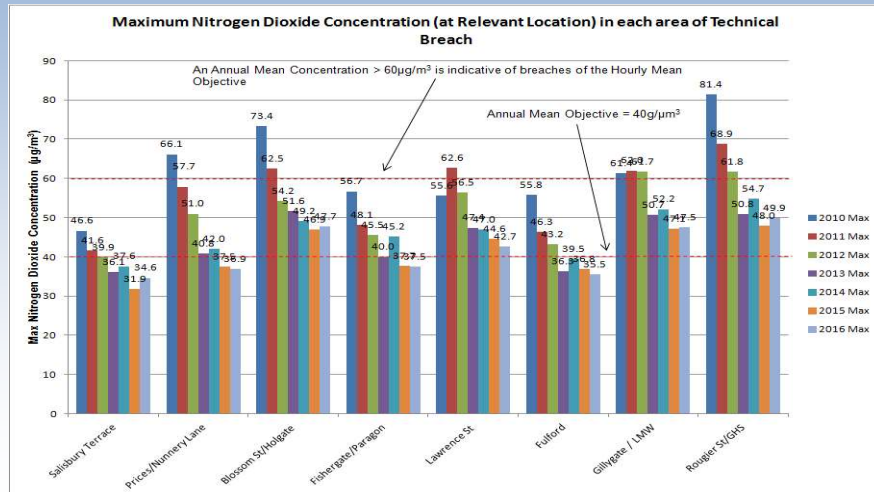
Boundary of the Air Quality Management Area

- Roads
- Properties



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Maximum NO₂ concentration in each AQMA area



Monitoring locations map - Fulford

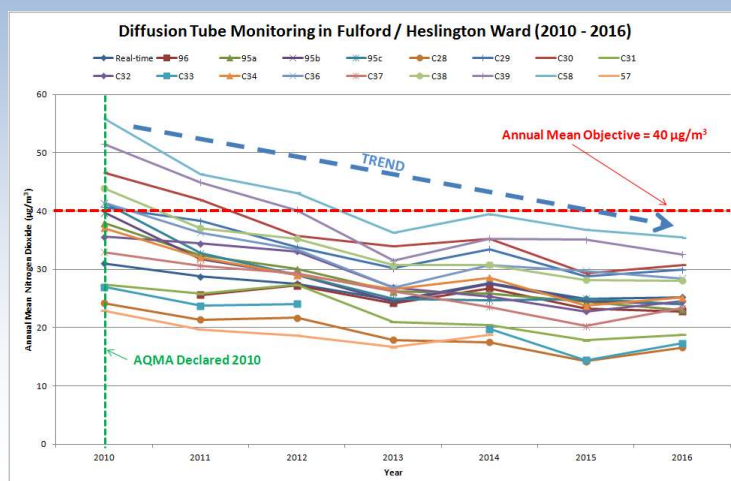
A19 – Moving South →



Monitoring location - Heslington



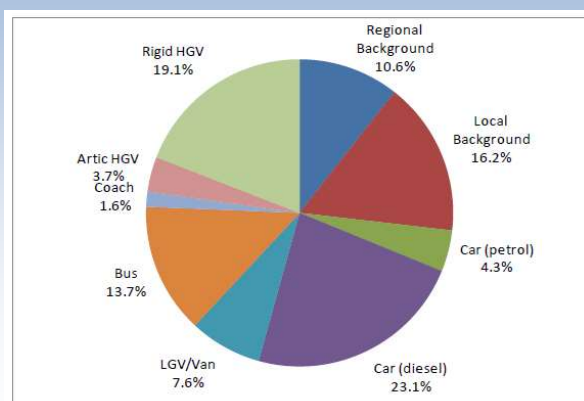
Nitrogen dioxide monitoring in Fulford and Heslington



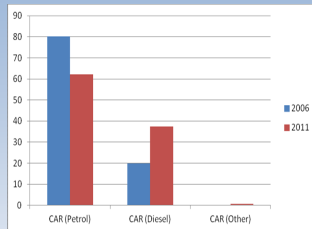
Nitrogen dioxide monitoring in Fulford and Heslington

Site Name	Site Description	Annual Mean Nitrogen Dioxide (ug/m3)						
		2010	2011	2012	2013	2014	2015	2016
Real-time	Junction of Heslington Lane and Fulford Main Street	31	29	28	25	28	25	25
96	Heslington Lane		26	27	24	27	23	23
95a	Co-located with real-time monitor (see above)	38	32	30	26	26	24	23
95b	Co-located with real-time monitor (see above)	40	32	29	24	28	25	24
95c	Co-located with real-time monitor (see above)	41	33	29	25	25	25	24
C28	House at top of Selby Rd (Stonegate)	24	21	22	18	18	14	17
C29	Lampost 34 Selby Road	41	38	34	30	34	29	30
C30	Lampost 2 Selby Road	47	42	36	34	35	29	31
C31	2 Selby Road	27	26	27	21	21	18	19
C32	Fordlands Road	36	34	33	27	25	23	25
C33	124 Main Street	27	24	24		20	14	17
C34	103 Main Street	37	32	29	27	29	24	25
C36	50 Main Street	41	36	33	27	31	30	28
C37	59 Main Street	33	31	29	26	24	20	23
C38	Lampost 8 Main Street	44	37	35	31	31	28	28
C39	18 Main Street	52	45	40	32	35	35	33
C58	Drainpipe of 4 Main Street Fulford	56	46	43	36	40	37	35
57	Heslington Main Street	23	20	19	17	19		

NO₂ Source Apportionment Fulford Road AQMA



Why?



More diesel cars in fleet and not performing as expected

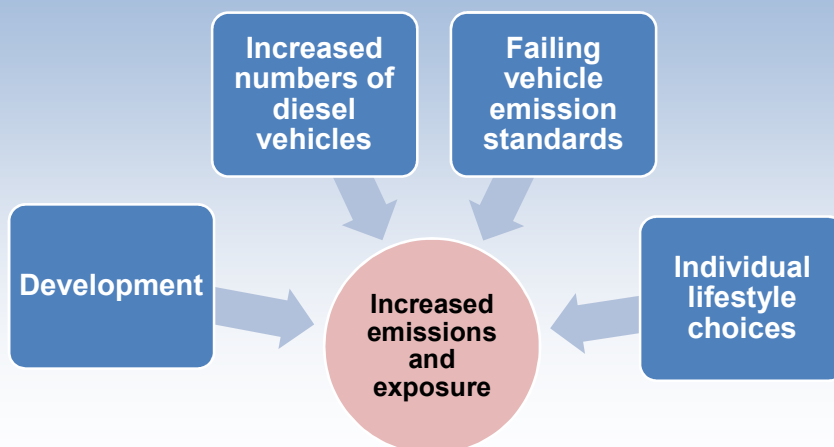


More diesel buses introduced



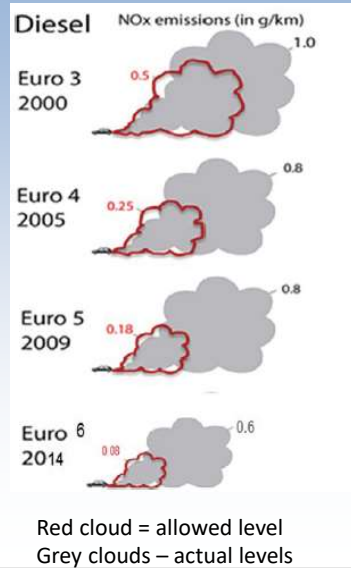
Ongoing emissions from development

Threats to air quality and public health



Dieselgate

- Vehicle manufacturers have failed to comply with EU tailpipe emission standards for 'in-use' vehicles – VW scandal
- Many Euro V diesel cars have higher primary NO₂ emissions than older diesel cars of a similar size
- Problem aggravated by CO₂ based taxation policies and previous vehicle scrappage scheme
- Number of diesel vehicles in York fleet has increased



Measures to improve air quality

- Holistic Low Emission Strategy (LES) adopted 2012 to reduce emissions from all sources: nitrogen oxides, particulates and carbon dioxide
- York's 3rd Air Quality Action Plan (AQAP3) approved in 2015 to deliver LES and reduce air pollution in Fulford and across York

AQAP3 measures - CAZ

Reducing emissions from buses via a Clean Air Zone (CAZ)

- entry based on the frequency with which buses enter the city centre.
- most frequent services be required to have zero emission capability
- Park & Ride contract
- Ultra Low emission buses vs. Diesel Euro VI

AQAP3 measures - idling

Anti-idling measures

- education based awareness raising campaign
- increased anti-idling signage
- enforcement?

AQAP3 measures - taxis

- taxi incentive scheme, encouraging drivers to switch to hybrid or electric vehicles
- new taxi licensing policy, encouraging taxi drivers to use greener vehicles

AQAP3 measures

- Electric vehicle charging network
- Via planning and development - EV, CEMP
- Eco Stars
- Attracting low emission industries, businesses and jobs to York – by developing a ‘green business’ hub and working towards development of a freight transshipment centre with CNG refuelling
- Raising awareness of health impacts

Questions?

