
From: Robert Marrs
Sent: 09 December 2015 10:28
To: Andrea OConnor; Greg Martin
Cc: Ingrid Berry; Steven Healey
Subject: RE: Air quality, AQMAs etc and the impact of major development at the Old Roan/Altay junction

Dear Andrea,

In response to your query regarding Old Roan A59-Altway junction....

1. Air quality monitoring has been conducted at this location in the past using both a mobile continuous electronic monitoring station and also using nitrogen diffusion (NO₂) tube monitoring. All monitoring around the area has since been discontinued, due to the levels being comfortably within the NAQS annual mean NO₂ air quality Objective and it has therefore not been necessary to declare an Air Quality Management Area (AQMA) at this location.

The NO₂ annual mean NAQS Objective is 40 µg/m³ and applies at the façade of residential property. Automatic monitoring in 2001 recorded 32.7 µg/m³ (August – December) and in 2002 an annual mean of 31.1 µg/m³ was recorded. Diffusion tube monitoring NO₂ annual mean concentrations recorded two locations at Oundle Drive (2007 – 2011) are shown in the table below and were all less than 40 µg/m³. Note NCB was closest to the A59 Ormskirk Road.

Site ID	Site Location	Easting	Northing	2007	2008	2009	2010	2011
NCB	Oundle Drive, Old Roan	337104	399384	34	33	33	35	32
NCC	Oundle Drive, Old Roan	337140	399369	29	30	27	31	28

2. There are no longer any air quality monitoring stations there or nearby.
The nearest current automatic monitoring station is located Hawthorne Road/ Church Road, Litherland.
The nearest current diffusion tube monitoring is located at Copy Lane/Dunnings Bridge Road, Netherton.
3. Given the levels previously recorded, it is unlikely that an AQMA would need to be declared in the future.

Kind regards,

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From: Andrea OConnor
Sent: 07 December 2015 17:16
To: Greg Martin
Cc: Robert Marrs; Ingrid Berry; Steven Healey
Subject: Air quality, AQMA's etc and the impact of major development at the Old Roan/Altay junction

Hello Greg,

The issue of air quality at the Old Roan A59/Altay junction came up last week at the Examination in Public hearings. We need to provide the Inspector with more information about:

1. **Whether there are known air quality issues at the Old Roan A59–Altay junction? E.g. Is it close to the AQMA threshold?,**
2. **Whether there is an air quality monitoring station there or nearby?**
3. **Whether in your view the likely increase in traffic flow at this junction is likely to worsen the air quality to the point that an AQMA would need to be declared?** Regarding traffic Peter Hillsdon has informed me that (and see the map below, taken from TR2 under '9. Transport evidence base' on <http://www.sefton.gov.uk/planning-building-control/planning-policy/local-plan-examination-library.aspx>):
 - Any increases in traffic flow on the this corridor are far more likely to be because of the impact of the new Brooms Cross Road than of development in the Maghull/Aintree area
 - This is despite the fact that over the next 15 year period 1400 new homes plus a business park are proposed at Land East of Maghull, as well as another 700 or so new homes on sites in Maghull, Aintree and Melling, and another 350 or so in Netherton.
 - A projected increase in cars, daily, in the evening peak hour of between 500 and 2000 cars along the A59 between Switch Island and this junction.
 - A projected increase in cars, daily, in the evening peak hour of up to 500 cars along the A59 south of this junction.
 - A projected increase in cars, daily, in the evening peak hour of up to 500 cars along Altay
 - A projected reduction of up to 500 cars daily, in the evening peak hour along Copy Lane between the A5036 and the A59.
 - This is

I should be grateful if you could reply by Thursday 9 December if at all possible, or let me know when we might expect at least a general reply. We need to provide all information to the Inspector by 18 December at the absolute latest, and it may be that we would need to discuss this further. I will try to speak to you tomorrow, otherwise I will be at the hearings for most of the rest of each day.

Thank very much.

Andrea

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Mondays: 9am to 5pm, Tuesdays to Fridays: 9am to 3pm

The Sefton Local Plan examination hearings began on 17 November. The hearings will continue until 10 December 2015 and resume from 12 to 14 January 2016. See www.sefton.gov.uk/localplan for more information.