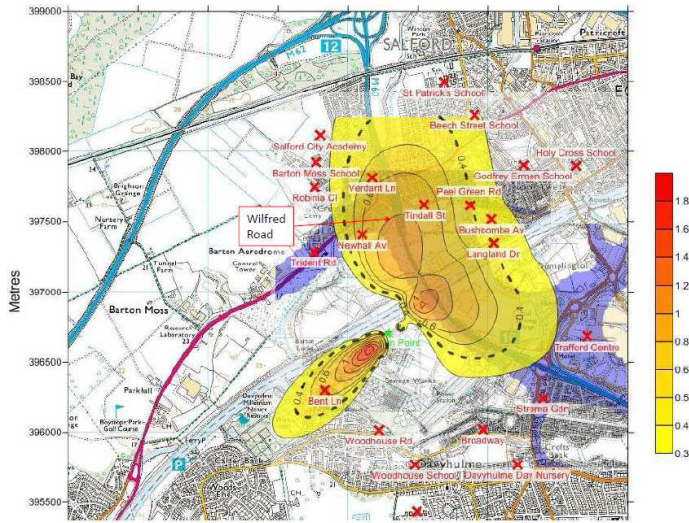


Issues with EA Operating Permit EPR/SP3234HY (Barton Renewable Energy Plant)

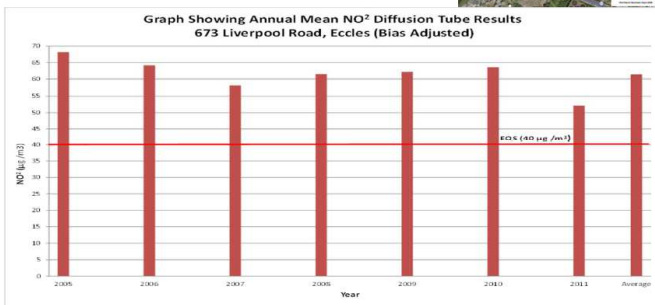
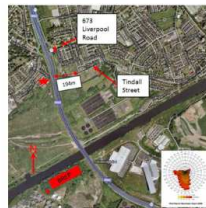
Figure 4: Annual Ground Level Concentration of NO₂ (2000, EA Guidance Factor)



5.2.6.1 Salford Eccles continuous monitor data

The most affected receptor, in terms of NO₂ modelled impact is Tindall Street, which is a residential street in the Salford air quality management area (AQMA). The Applicant's predicted process contribution from the proposed Installation at this location is 0.69 µg/m³, which is 1.7% of the NO₂ EU EQS.

673 Liverpool Road, Eccles



- Section 5.2.6.1 of the EA's permit decision document states that Tindall Street is the most affected residential receptor in terms of modelled NO₂. **This is incorrect. Tindall Street is not the highest receptor.**
- The model data supplied to the EA by Peel Energy showed NO₂ ground concentrations are higher at Wilfred Road. Wilfred Road is within the 0.8µg/m³ contribution band.
- Wilfred Road is located within the AQMA
- If the EA reviewed all the modelling data presented by Peel Energy why did they not identify that Wilfred Road is the most sensitive NO₂ receptor?
- Tindall Street is referenced 15 times in the permit decision document. Wilfred Road is not referenced once.
- The BREP NO₂ process contribution at Wilfred Road is >=0.8µg/m³ which is >=2% of the NO₂ EU EQS.
- Can >= 2% NO₂ process contribution at Wilfred Road still be classed as insignificant?
- The annual mean EU Environmental Quality Standard for Nitrogen Dioxide is 40µg/m³
- Residential houses on Wilfred Road are within just a few metres of the M60 Motorway. A diffusion tube located at a similar distance from the motorway at 673 Liverpool Road is currently averaging above 60µg/m³.
- It can be concluded that NO₂ air quality standard is already being breached on Wilfred Road without the additional contribution from BREP.
- Due to public concern following the public drop-in event the (12th June 2012) the EA re-evaluated the NO₂ background data but again failed to identify Wilfred Road as the highest receptor.
- Salford Council recommended to the EA that no operating permit should be issued for BREP.