

Air Quality initial assessment

An air quality assessment has been conducted to model concentrations of nitrogen dioxide (NO₂) and particulate pollutants due to road traffic emissions. Overall, the proposed scheme is anticipated to not have a significant impact on NO₂ concentration at the majority of locations.

There are predicted to be reductions in concentrations due to a reduction in traffic flow which benefit locations along the A10 on Stoke Newington High Street, Rectory Road and Manse Road. The reduction predicted at the receptor with the highest concentration is substantially beneficial. A minor change of NO₂ concentrations is predicted at a small amount of locations in the wider area, due to changes in traffic flow.

The results of the assessment suggest that the impact on air quality of removing the Stoke Newington Gyratory would be primarily negligible in the study area, with some beneficial and minor effects due to changes in traffic along the A10. Overall these effects are considered to be balanced and not significant.