

THIRD WAVE LOCAL AUTHORITIES – TARGETED FEASIBILITY STUDY TO DELIVER NITROGEN DIOXIDE CONCENTRATION COMPLIANCE IN THE SHORTEST POSSIBLE TIME

Local authorities covered	Sefton MBC
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Further information on the content of each section is set out in the guidance.

Part 1: Understanding the problem

*This section should set out background on the information about the road links projected to have exceedances in the PCM national model, in combination with source apportionment data, to provide a description of the severity of the NO₂ exceedance and its possible sources and causes. It should set out the scale of the problem and the case for change. Maps and local data should be included. **Each road link should be addressed in turn.***

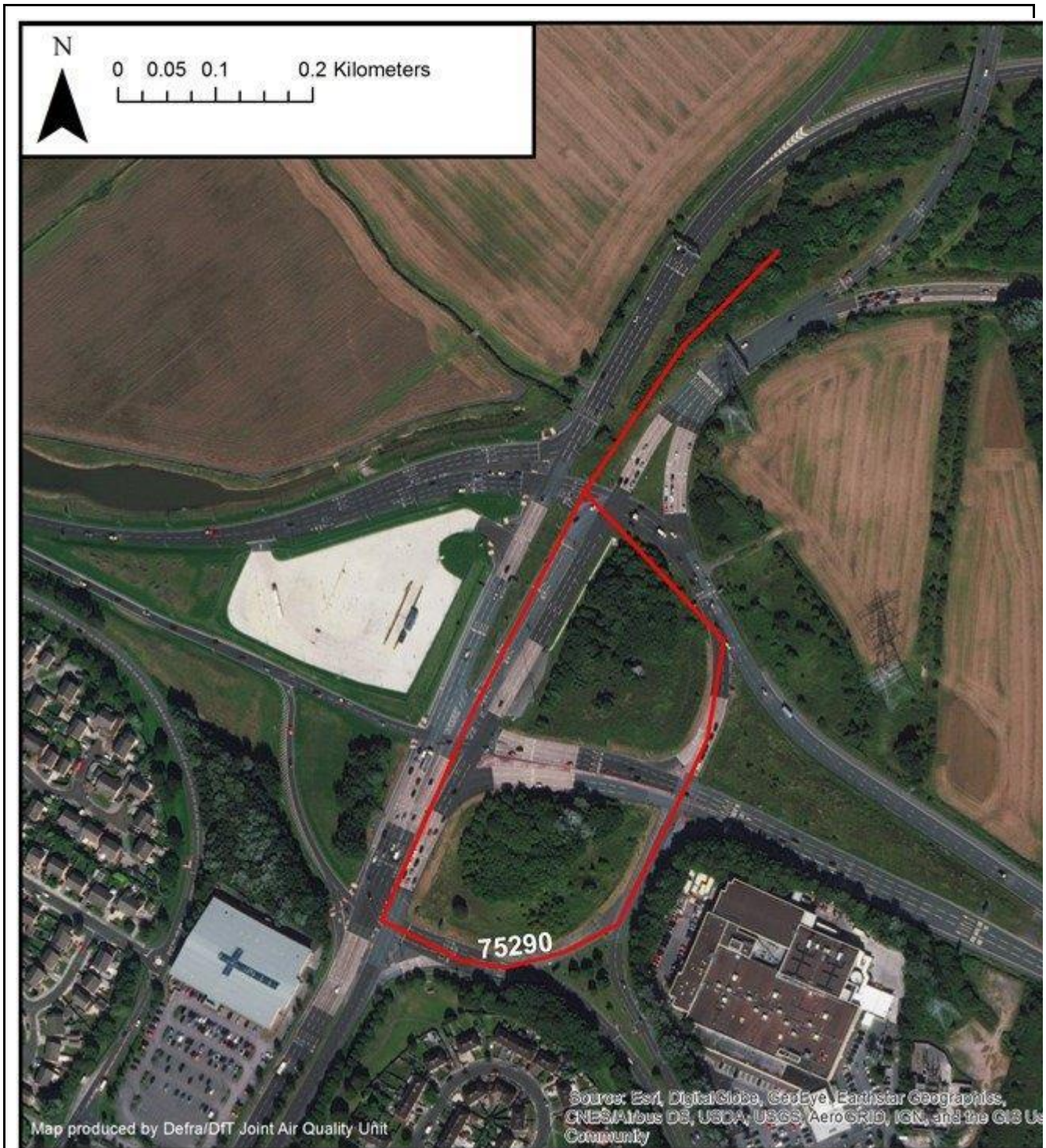
Sefton MBC has 1 road link (Census ID: 75290) within its area projected to have a NO₂ exceedance into 2019. The road link under consideration is a length of the A59 from as shown on plan below, which includes the major motorway junction at Switch Island which is managed by HE. **Switch Island** is a major road junction near Aintree in Merseyside, The junction is at the western terminus of both the M57 and M58 motorways, which converge on the A59 trunk road, the north-south route from Liverpool. The junction is also the terminus of the A5036, a road which serves the Port of Liverpool and the A5758 road which serves as a bypass for the villages of Thornton and Netherton, Sefton.

The results of the PCM modelling show that the road link in question is projected to have the following annual mean NO₂ concentrations.

- **46 ug/m³ in 2017**
- **43 ug/m³ in 2018**
- **42 ug/m³ in 2019**
- **39 ug/m³ in 2020**
- **37 ug/m³ in 2021**

Location of Road link Exceedance

TEMPLATE



Following detailed review of the link in question it has been determined that the whole of the link identified comes under the responsibility of Highways England and as such Highways England would be responsible for considering the exceedance on the road link as part of their work under the national NO₂ Plan.

In view of this it is not proposed to take any further action with regard to the Targeted feasibility study.