



2012 Air Quality Updating and Screening Assessment for *East Lothian Council*

In fulfillment of Part IV of the
Environment Act 1995
Local Air Quality Management

November 2012



Executive Summary

This report presents the results of the Updating and Screening Assessment of local air quality within East Lothian Council. The Updating and Screening Assessment represents the first step in the current round of the management of local air quality, as required by Part IV of the Environment Act, 1995.

The objective of the Updating and Screening Assessment is to provide a checklist approach to identify those matters that have changed since the previous round of review and assessment was completed in 2011, and which may now require further assessment.

The Updating and Screening Assessment report should identify where there is a risk of an air quality objective being exceeded at a location with relevant public exposure by use of simple screening assessments and other similar tools. Where a risk has been identified the local authority is required to undertake a Detailed Assessment to identify with reasonable certainty whether or not an exceedence will occur.

The results of the Updating and Screening Assessment carried out for all pollutants indicates that current Air Quality Objectives are being complied with for the majority of pollutants. However, passive monitoring of Nitrogen dioxide in Musselburgh and the results of a Detailed Assessment of NO₂ due to Road Traffic Sources in Musselburgh that was completed in June 2012 (Ref 19) continue to indicate concentrations at various locations that are close to the Annual Mean Objective.

It was considered appropriate by East Lothian Council to carry out passive monitoring of NO₂ at a representative sample of these exceeding receptor locations to confirm the results of the modelling assessment. East Lothian Council started monitoring NO₂ concentrations at 5 new locations on Musselburgh Bridge Street and High Street on 3rd May 2012; using passive diffusion tubes. East Lothian Council should consider the declaration of an AQMA for the NO₂ annual mean objective after submission of the next LAQM Report, the 2013 Progress Report, due for submission by the end of April 2013 if monitoring results obtained from new locations, in addition to existing monitoring locations, confirms the modelling results that the NO₂ annual mean objective has been exceeded.