

**REPORT TO: ENVIRONMENTAL SERVICES AND SUSTAINABILITY COMMITTEE  
24 OCTOBER 2005**

**REPORT ON: AIR QUALITY PROGRESS REPORT 2005**

**REPORT BY: HEAD OF ENVIRONMENTAL HEALTH & TRADING STANDARDS**

**REPORT NO. 600-2005**

## **1.0 PURPOSE OF REPORT**

1.1 To inform the Committee of the contents of the 2005 Air Quality Progress Report for Dundee. Copies of the full report are available for inspection in the Members' Lounge and have been passed to each of the Group Secretaries.

## **2.0 RECOMMENDATIONS**

2.1 It is recommended that the Committee notes the principal findings of the 2005 Air Quality progress Report and its submission to the statutory consultees, the Scottish Executive and Scottish Environment Protection Agency.

2.2 In particular, the Committee is asked to note that the findings of the Progress Report supports the need for the declaration of Air Quality Management Area/s (AQMA/s) at locations identified in the Detailed Assessment (Reference Report 190-2005) and extends them to include the area around the Logie Street/Loons Road junction.

## **3.0 FINANCIAL IMPLICATIONS**

3.1 The expenditure required for the financial year 2005/2006 can be met from the Environmental Health and Trading Standards Department's revenue and capital budgets.

## **4.0 LOCAL AGENDA 21 IMPLICATIONS**

4.1 This report addresses the key sustainability themes:

- Pollution is limited to levels at which natural systems can cope
- Health is protected by creating a safe, clean, pleasant environment

## **5.0 EQUAL OPPORTUNITIES IMPLICATIONS**

5.1 None

## **6.0 REPORT**

6.1 Part IV of the Environment Act 1995 and subsequent Regulations places a statutory duty on local authorities to periodically review and assess the air quality within their area. Dundee City Council undertook the first Review and Assessment (the First Round) between 1998 and 2000. The Second Round, commenced in 2003 following the issue of new technical guidance and in accordance with the statutory framework, the Updating and Screening Assessment (USA) was completed in May 2003 and a Detailed Assessment of nitrogen dioxide (NO<sub>2</sub>), particles (PM<sub>10</sub>) and sulphur dioxide (SO<sub>2</sub>) was completed earlier this year.

6.2 Each local authority is required to prepare a progress report in the years when they are not carrying out their three yearly USA or carrying out a Detailed Assessment. The report

focuses on each of the pollutants listed in the Air Quality Regulations that were monitored in Dundee during 2004, namely benzene, nitrogen, nitrogen dioxide, sulphur dioxide and PM<sub>10</sub> (particulates).

6.3 The Progress Report concentrates primarily on new monitoring data and new developments that have the potential to affect local air quality. It also provides information to assist in other policy areas, such as transport and land use planning within the Council.

6.4 Each pollutant was assessed in conjunction with the relevant guidance and the following conclusions were reached:

- Benzene – No AQMA is currently required for benzene
- Nitrogen dioxide – analysis of the 2004 data for nitrogen dioxide supports the need for the declaration AQMA/s at locations identified in the Detailed Assessment and extends them to include the area around the Logie Street/Loons Road junction. Planned developments that create street canyoning and changes to the road network in and around the city centre which influence traffic movements may result in new areas of exceedence. This, however, will not affect the development proposals provided these proposals and the city's transport policies take air quality issues into consideration.
- Particulates (PM<sub>10</sub>) – the results for 2004 indicate that the 2004 and 2010 objectives will be met at the Broughty Ferry Road and background monitoring sites but are inconclusive for the Union Street monitoring location. The situation regarding PM<sub>10</sub> will be kept under review. The infrastructure and construction works associated with the Central Waterfront Development may increase ambient particulate levels in the city centre over several years.
- Sulphur dioxide – No AQMA is currently required for sulphur dioxide.

## **7.0 CONSULTATION**

7.1 Chief Executive  
Depute Chief Executive (Support Services)  
Depute Chief Executive (Finance)  
Director of Planning and Transportation  
Director of Economic Development

## **8.0 BACKGROUND PAPERS**

8.1 Detailed Assessment, March 2005  
Updating and Screening Assessment, May 2003  
Part IV of the Environment Act 1995  
Local Air Quality Management Technical Guidance LAQM.TG(03)

**Albert Oswald**  
**Head of Environmental Health & Trading Standards**

17 October 2005