

## **APPENDIX 3**

### **BASELINE DATA REQUIREMENTS FOR FUTURE SUSTAINABILITY APPRAISALS (not available March 2005)**

#### **Biodiversity Flora and Fauna**

- Accurate Biodiversity Action Plan (BAP) habitat mapping including hedgerow lengths and condition
- Accurate BAP/protected species mapping
- Mapping of ecosystem indicator species populations

#### **Climatic Factors**

- Financial and physical costs of climate change in Charnwood

#### **Landscape**

- Mapping or recognition of the sensitivity of landscapes and capacity to accommodate change
- Detailed district level landscape character assessments which incorporate community consultation and sensitivity
- Design principles aligned to the BAP habitat mapping that can be incorporated into mitigation and restorations of mineral restorations and transport scheme design principles
- Tranquillity/Strategic Noise mapping which recognise all major sources of noise, not limited to road traffic noise
- Light pollution mapping

#### **Soil**

- Soil health including the biological health of soils/ nutrient level data
- Nutrient addition levels
- Soil loss rates in Charnwood
- Contaminated land audit

#### **Air**

- Other pollutant levels that contribute to poor air quality not currently monitored at the AQMAs and Automated Monitoring Stations.
- Estimates of death rates linked to air pollution for Charnwood.

#### **Material Assets**

- % of all types of development on previously developed land.
- Waste generated in the Borough.

#### **Social Considerations**

- Road traffic accident rates relating to different types of development
- Satisfaction of Charnwood residents relating to their quality of life and the vitality and viability of settlements