



CITY DEAL

Preston, South Ribble & Lancashire

SOILS, GEOLOGY AND HYDROGEOLOGY

An assessment of soils, geology and hydrogeology was undertaken. Soil testing, during ground investigation work to date has indicated that there is a low likelihood of the site being affected by contamination.

A number of potential adverse impacts on soils and groundwater have been identified in relation to the construction and operation of the scheme – however these will be substantially reduced or removed by adherence to good site practice and management during the construction works and operational life.

AIR QUALITY

Road traffic is the dominant source of pollution and traffic modelling has been undertaken with the introduction of the scheme. The improvement and worsening predicted by the traffic modelling is considered upon air quality. The assessment is considering the impact of the schemes upon residents which are in areas with poor

air quality and therefore particular susceptible to any changes. There is one Air Quality Management Areas (AQMA) declared for poor air quality in the study area, which is the South Ribble Borough Council AQMA No.1.

South Ribble Borough Council AQMA No.1

The stretch of road between the junction of Priory Lane/Cop Lane and the A59 Liverpool Road, Penwortham. From Kingsway to the north of Priory Lane; Queensway to Kingsway along the A59 Liverpool Road and up to and including property number 32 of Cop Lane.

The assessment has indicated that the forecasted change in traffic should improve air quality within this AQMA, and that there are not predicted to be any exceedences of Air Quality Standards within the AQMA or wider study area in the opening year of the scheme. The significance of the impacts from the scheme is assessed using prescribed methodologies and results have indicated that the scheme would have an insignificant effect on local air quality.



Keeping you updated

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