

other residential locations assessed. At Burton Green Primary School, Hobs Lane the magnitude of impact will be negligible. The magnitude of effect will be negligible at all of the ecological receptors.

- 4.4.9 Overall, the construction dust assessment determined that the air quality effects will not be significant. The basis for this conclusion is presented in full in Volume 5: Appendix AQ-001-018.
- 4.4.10 Construction activity could also affect local air quality through the emissions associated with additional traffic generated on roads as a result of construction traffic routes, temporary road realignments and changes to traffic patterns arising from temporary road diversions. Screening was undertaken to identify locations requiring assessment.
- 4.4.11 Six locations within the Stoneleigh, Kenilworth and Burton Green area met the criteria for more detailed assessment of change in traffic emissions during the construction phase. This assessment found that the predicted increase in construction traffic on the A46 Kenilworth Bypass, A429 Kenilworth Road, A429 Coventry Road and B4101 Waste Lane was sufficient to require assessment of changes in air quality at receptors around these roads. In addition, the proposed temporary road realignment on Cromwell Lane gave rise to the requirement for assessment at receptors around this road. These assessments found that the magnitude of impact will be negligible at all receptors assessed for NO₂ and PM₁₀.
- 4.4.12 Therefore, the effect on air quality due to construction traffic will not be significant. The basis for this conclusion is presented in full in Volume 5: Appendix AQ-001-018.

Permanent effects

- 4.4.13 There are no permanent effects anticipated to arise during construction of the Proposed Scheme.

Cumulative effects

- 4.4.14 There are no cumulative effects anticipated to arise during construction of the Proposed Scheme.

Other mitigation measures

- 4.4.15 No other mitigation measures during construction are proposed in relation to air quality in this area.

Summary of likely residual significant effects

- 4.4.16 The methods outlined within the draft CoCP to control and manage potential air quality effects are considered effective in this location and no residual significant effects are considered likely.

4.5 Effects arising from operation

Avoidance and mitigation measures

- 4.5.1 No mitigation measures are proposed during operation in relation to air quality in this area.