

APPENDIX G

ECOLOGICAL REPORTS

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Contents Summary

A range of Ecological and Ornithological Surveys have been carried out both on the Development site and in the surrounding area. These Surveys were undertaken by Penny Anderson Associates Ltd (PAA), with the help of specialist sub-consultants and are included within this Appendix as detailed below:

- G.1** Phase 1 Habitat Survey, undertaken in September 2006 and May and June 2007 using standard methodology¹ but extended for use in Environmental Assessment²
- G.2** Badger Survey, undertaken in October 2006 within the study area (excluding the car park area to the north)
- G.3** Observation of Barn Owls on site
- G.4** Preliminary daytime Bat Surveys, followed up with evening surveys, were undertaken in August and September 2006 to identify any roosts in the derelict pump house and to ascertain the level of foraging activity within the study area and the species present
- G.5** Reptile Survey, undertaken during June to October 2006 and May and June 2007 within the proposed development area and additional areas to the north-west
- G.6** Terrestrial Invertebrate Surveys undertaken June, July and September 2006, within key habitat areas of the proposed development boundary
- G.7** Aquatic Invertebrate Surveys undertaken June, July and September 2006, within key habitat areas of the proposed development boundary.
- G.8** Botanical Surveys were undertaken of the ecological mitigation land surrounding the site between 1999 and 2006 inclusive
- G.9** Water Vole Survey, undertaken in November 2006 along the perimeter drain to the south of the study area
- G.10** Amphibian Survey, undertaken during May and June 2006 and April, May and June 2007 at all suitable ponds within the proposed development boundary within 500 m
- G.11** Ornithology Surveys: Breeding Bird Survey, undertaken during April, May and June 2007 including Targeted Surveys for Barn Owl, Black Redstart; Harrier Species, Peregrine and Nightingale; Wintering and Passage Bird Surveys, undertaken during February 2007 and March, April and May 2007
- G.12** Further ornithological information, including the species distribution figures as included within the Statement to Inform

¹ Joint Nature Conservation Committee (1993) Handbook for Phase 1 Habitat Survey - A Technique for Environmental Audit, Joint Nature Conservation Committee, Peterborough.

² Institute of Environmental Assessment (1995) Guidelines for Baseline Ecological Assessment, Spon, London.

- G.13** Ecological and Ornithological Surveys and Studies completed for the adjacent Goodman Group Development, including:
- Extended Phase 1 Habitat Survey (February 2007)
 - Breeding Bird Survey (May to June 2007)
 - Wintering Bird Survey (December 2005 to March 2006)
 - Reptile Survey (April to June 2007)
 - Great Crested Newt Survey (April to June 2007)
 - Bat Survey ((August to September 2007)
 - Badger Survey (May to June 2007)
 - Terrestrial Invertebrates Survey (April to September 2007)
 - Water Vole Survey (May to September 2007)
 - Brown Hare Survey (May to June 2007)
 - Phase 2 Botanical Survey (April 2007)
 - Hedgerow Assessment (August – September 2007)