



Ref: A085519-4

23rd July 2018

Robert Clark
Head of Planning
Persimmon Homes Thames Valley
Persimmon house
Knoll Road
Camberley
GU15 3TQ

By e-mail to: [REDACTED]

Dear Rob,

Dapper's Lane, Angmering, West Sussex – Update Ecology Walkover Survey

Please find below the findings from the update ecology walkover survey.

Introduction

The site is located east of Dapper's lane, north of Angmering in West Sussex, Ordnance Survey grid reference TQ 07189 05174. The majority of the site comprises semi-improved grassland which is heavily grazed by horses, with hedgerow boundaries around most of the site. Along the western boundary runs a public footpath beyond which lies St. Margret's primary School and arable fields, while housing and further horse fields sit on all other sides of the site. Beyond this to the north lies Poling Furzefields woodland, which is known to contain dormice.

The development proposals include 108 new dwellings with associated landscaping and access (see Appendix B). The main access route will come from Dapper's Lane on the east and cut through the existing hedgerow boundary.

Purpose of the Report and Background

The purpose of this report is to identify any ecological changes to the site since the WYG 2016 survey (WYG (2016) Dapper's Lane, Angmering Preliminary Ecological Appraisal), highlighting any variation to habitat types, dominant vegetation, invasive species and protected species, and identifying any constraints they may pose to the development. The report will also provide recommendations for any further surveys, avoidance, mitigation or enhancement measures that may be required. Since the 2016 survey, the access proposals have changed for the site. Access will now be from the eastern site boundary, which will involve the partial removal of a hedgerow.

In addition to the 2016 Preliminary Ecological Appraisal, an eDNA great crested newt survey of one pond (WB2, see Figure 1) was carried out in April 2017, the survey found great crested newt to be absent from the pond and it was concluded that great crested newt are unlikely to be present within the site. (see WYG eDNA Results Letter report, dated 14/06/17). Reassessment and re-survey of the pond has not been carried out these results are still valid.



creative minds safe hands

Methodology

A Phase 1 Habitat Survey was conducted within the site on 6th of July 2018 by WYG Assistant Ecologist Harriet Baber GradCIEEM. The weather conditions at the time were sunny and dry, with a light wind and temperatures of 25°C.

The vegetation and broad habitat types within the site were noted during the survey in accordance with the categories specified for a Phase 1 Vegetation and Habitat Survey (Joint Nature Conservation Committee, 2010). Dominant plant species were recorded for each habitat present using nomenclature according to Stace (2010). The site was also appraised for its suitability to support notable flora, and fauna with regard to the CIEEM Guidelines for Preliminary Ecological Appraisal (2nd ed, 2017).

Results

Most of the habitats present on site have not changed since the 2016 survey visit (see Figure 2 for updated Phase 1 Habitat Map - Appendix A). The species-poor boundary hedges have grown further since the previous survey, with the areas of continuous scrub (previously marked as TN1 and TN2) having merged with the hedge (Photograph 1).

Photograph 1 : Species-poor Boundary Hedge



For further description of the habitats please see WYG, 2016, Preliminary Ecological Appraisal. It is likely that protected species may be utilising the species-poor boundary hedgerow, this includes dormice and foraging and commuting bats, the suitability for bats is valued at low whereas the suitability for dormouse is valued at high. Birds may also use the hedgerow for nesting and foraging, this is valued at moderate, and while no evidence of badger was found the site has low potential to be used by foraging badgers. The site also holds low potential to support reptiles and low potential to support GCN.

Conclusion and Recommendations

The habitats on site have remained of similar ecological value to what they were originally given, with the species-poor hedgerow being of main interest. There is potential that the species-poor hedgerow is being used by hazel dormice and foraging and commuting bats. **As partial removal of this**



habitat is required, further survey for dormouse and foraging and commuting bats is required. This is a new recommendation since the 2016 survey, as previously, the hedgerow was proposed to be fully retained within the scheme. Furthermore, dormouse are known to be present in the area and evidence of dormouse was found on site during 2014 (WYG, anecdotal evidence).

The dormouse survey will involve the placement of 50 dormouse tubes within the hedgerow boundaries of the site, followed by six monthly checks between April to November. The bat activity surveys will involve three surveys comprising both walked dusk / dawn transects and static monitoring surveys.

With the exception of these new survey recommendations, other ecological recommendations have remained the same as the 2016 survey report. In summary:

- Any clearance work should be sensitive to reptiles and done in a directional manner;
- A pre-works inspection for badgers;
- A sensitive lighting strategy implemented during construction and operation;
- Any buffer clearance done outside of the breeding bird season;
- Any clearance of newt suitable habitat under a non-licensed method statement;
- T1 is to be soft felled, if it is removed; and,
- Where possible hedgerows and trees are to be retained.

Should you have any further queries, please do not hesitate to get in contact.

Yours sincerely

Harriet Baber GradCIEEM
Assistant Ecologist
harriet.baber@wyg.com

Vivienne Greenough MCIEEM
Principal Ecologist

References:

- WYG (2016) Dapper's Lane, Angmering, West Sussex, Preliminary Ecological Appraisal
- WYG (2017) Dapper's Lane, Angmering, West Sussex, Great Crested Newt eDNA Results
- WYG (2014) Dapper's Lane, Angmering, Extended Phase 1 Habitat Survey
- Arun District Council (2014) Arun Local Plan 2011-2031

Appendix A:

Figure 1 – Site Location Plan

Figure 2 – Phase 1 Habitat Map

Appendix B:

Proposed Site Plan



Rev	Date	Notes
A	17/07/18	Initial map production

Legend

- Site Boundary
- Waterbodies

0 50 100 200 300 400 Metres



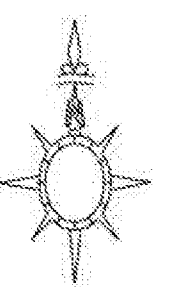
Site Location Plan

Dapper's Lane
Persimmon Homes

Scale at A3: 1:8,000	Project No: A085519-4	Drawing No: Figure 1	Revision: A
Drawn by: Harriet Baber	Drawn date: 23/07/2018	Approved by: Vivienne Greenough	

Contains Ordnance Survey Data © Crown copyright and database right 2017. © Northern Ireland Environment Agency.
Open Government Data reproduced contains public sector information licensed under the Open Government Licence v3.0
Other Credits: Contains OS data © Crown Copyright and database right 2017

1803170182 General_Energy/A085519-4_Dapper's Lane/Persimmon_Homes/Site_Location_Plan_201718.mxd



MARKET DWELLINGS	
	76 On site:
1BF	6
1B	6
2BF	6
Hanbury Plus	33
2B	39
Hatfield	15
Clayton	8
3B	23
Corfe	5
Chillingham	1
Carnaby	2
4B+	8
Total Units	76

HA - SHARED OWNERSHIP DWELLINGS	
	16
1 bed flat	3
1B	3
2 bed flat	3
2BH	5
2B	8
3BH	5
3B	5
Total Units	16

HA - RENTED DWELLINGS	
	16
1 bed flat	6
1B	6
2 bed flat	6
2BH	0
2B	6
3BH	3
3B	3
4BH	1
4B	1
Total Units	16

TOTAL UNITS	108
-------------	-----

DRAFT



Persimmon Homes Thames Valley
Persimmon House, Knoll Road,
Camberley, Surrey GU15 3TQ
Tel: 01276 608080

Site:	Date:
Dapper's Lane	31.07.2017
Scale:	1:500@A1
Orig No:	SK02

Drawing Title:	Site Layout Colored - DRAFT
----------------	-----------------------------

Drawing Status:	Drawn:
PRELIMINARY	KJ
	Rev: