

KJ Ecology Ltd

Monitoring for
Biodiversity Management Plan
at
Squirrels Nook,
Church Hill,
Barnetby le Wold.

June 2021



Client :

Philip Turner,
Squirrels Nook,
Church Hill,
Barnetby le Wold,
North Lincolnshire,
DN38 6HY.

Tel. 07900 556061

e-mail tubbyturner1980@icloud.com

Prepared by :

Kevin Johnson BSc PgD PGCE MCIEEM,
KJ Ecology Ltd,
17, The Meadow,
Caistor,
Lincs,
LN7 6XD.

Tel. 07807 655237

e-mail kevin@kjecology.co.uk

Contents

1	Introduction	1
1.1	Terms of Instruction	1
1.2	Site Location	1
1.3	Report Limitations.....	1
1.4	Background to KJ Ecology Ltd	1
2	Monitoring.....	2
3	References	3

Appendices

Appendix 1: Map	4
Map 1: Location Map of Squirrels Nook, Church Hill, Barnetby le Wold.....	5
Appendix 2: Photos	6
Photos for Church Hill, Barnetby le Wold.....	7

1 Introduction

1.1 Terms of Instruction

To comply with Condition 9 of planning permission (PA/2017/1360) Philip Turner commissioned Kevin Johnson of KJ Ecology Ltd to carry out monitoring works at Squirrels Nook, Church Hill, Barnetby le Wold, DN38 6JL on the 22nd December 2017.

Condition 9 requires:

The Biodiversity Management Plan shall be carried out in accordance with the approved details and timings, and the approved features shall be retained thereafter, unless otherwise approved in writing by the local planning authority. Within two years of the occupation of the new dwelling, the applicant or their successor in title shall submit a report to the local planning authority, providing evidence of compliance with the Biodiversity Management Plan. The report shall include the results of monitoring surveys, detailing any usage of the created pond by amphibians and any usage of bat boxes and nestboxes.

1.2 Site Location

Squirrels Nook (Grid Ref TA 0606 0923) (Map 1, Appendix 1) is on the South-eastern edge of the village of Barnetby le Wold. The site is on the North side of Church Hill on the lower scarp slope of the Lincolnshire Wolds. The site is South-east of the local railway station and 2kms South-east of the A15/M180/A180 junction with its connections to the rest of the UK. The site is 3kms East of Humberside Airport. Barnetby le Wold is 5kms North-east of the Market town of Brigg.

1.3 Report Limitations

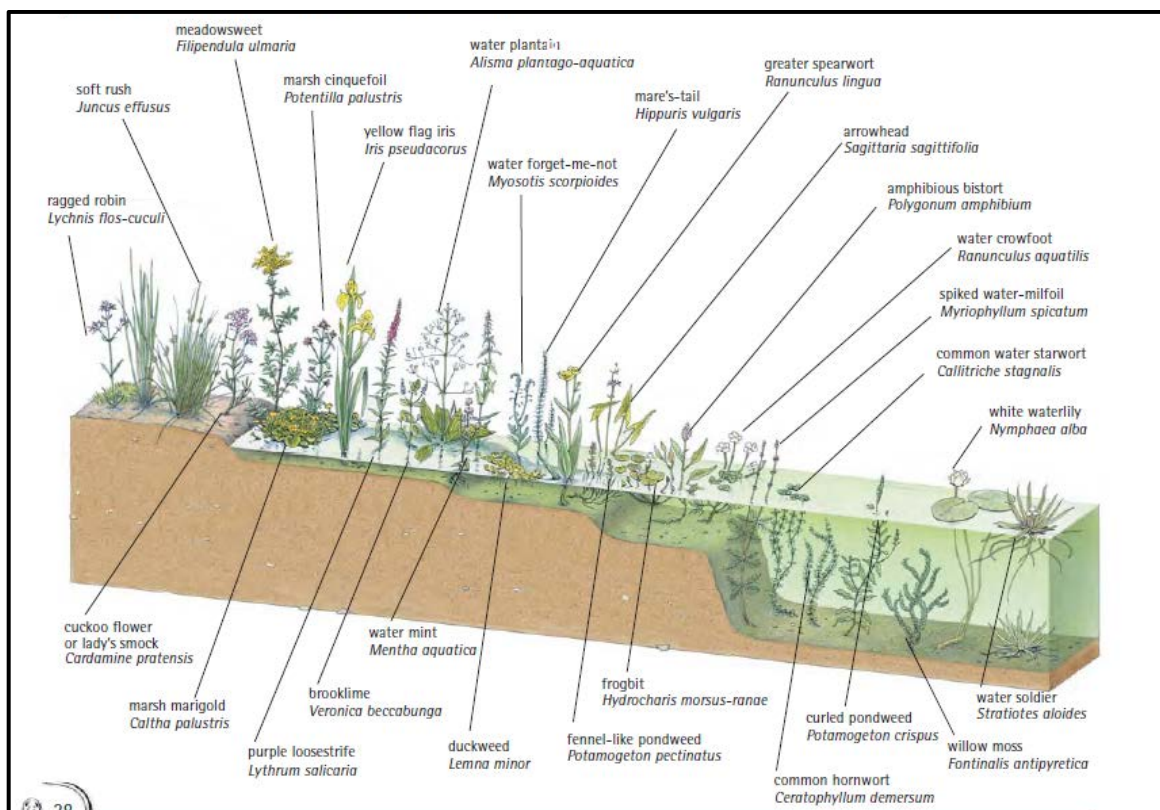
This report is for the sole use of the client and its' reproduction or use by anyone else is forbidden unless written consent is given by the author.

1.4 Background to KJ Ecology Ltd

On the 22nd December 2017, KJ Ecology Ltd was appointed to carry out monitoring works as per Condition 9 of Planning permission (PA/2017/1360). KJ Ecology Ltd is an independent Ecological Consultancy run by Kevin Johnson BSc Pgd PGCE MCIEEM (Member of the Chartered Institute of Ecology and Environmental Management) and has several years of experience in environmental consultancy work. This work has ranged from working on the rail, roads, airports, house building projects, barn conversions and pipeline work. Kevin Johnson was initially an Ecology and Environmental Lecturer at various colleges and taught students how to carryout surveys and about the environment. Kevin Johnson then went on to work for a number of ecological consultancies such as Penny Anderson Associates, which is one of the original environmental consultancy companies and is well respected.

2 Monitoring

The pond has been dug to the desired dimensions (Photo 1, Appendix 2) and it was noted that pond plants in particular Reedmace (*Typha latifolia*) started to grow in the pond soon after it was dug. The pond was left to see if any more plant species would grow but only Hard Rush (*Juncus inflexus*) and a Crack Willow (*Salix fragilis*) are growing in it. As no more aquatic plants have started to grow in the pond, then plants such as Water Mint (*Mentha aquatica*) and Water Forget-me-not (*Myosotis scorpiodes*) – see below for other species to be planted. The pond does support a good population of Smooth Newts (*Lissotriton vulgaris*), Frogs (*Rana temporaria*) and Toads (*Bufo bufo*). They have soon come back so the pond has been a resounding success. Pond management guidance has been given to Mr Turner and included the controlling of the Reedmace and Crack Willow.



Bat boxes and bird boxes have been placed up around the house and trees within the garden and wood (Photos 2 to 5, Appendix 2). There are Common Pipistrelle (*Pipistrellus pipistrellus*) bats flying around the garden and a Blue Tit (*Cyanistes caeruleus*) has a nest within one of the boxes.

There is minimal lighting around the site and the driveway and gate posts have not been lit up as originally planned so making it better for the bats. The lighting conforms to BCT guidelines.

The fence allows hedgehogs to pass through as required, but a post and wire fence was erected as a post and rail fence would allow the pet dog to escape.

The replacement Wild Cherry (*Prunus avium*), Rowan (*Sorbus aucuparia*) and Crab Apple (*Malus sylvestris*) have been planted as required (Photo 6, Appendix 2). During the Winter storms a Horse-chestnut (*Aesculus hippocastanum*) (number 181) on the Northern boundary split (Photo 7, Appendix 2). This has been cut down and replaced with two new Horse-chestnuts.

3 References

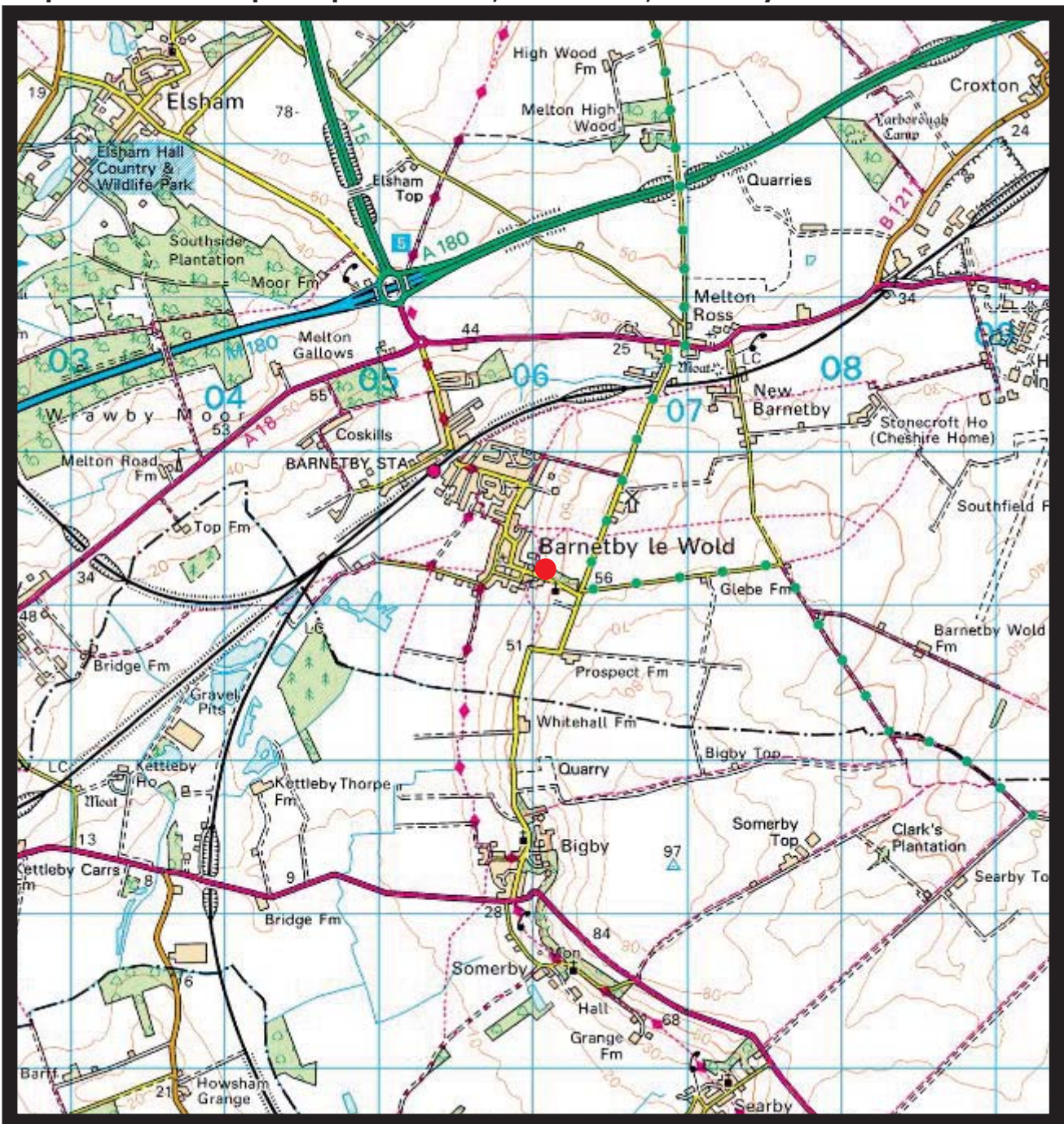
Langton et al, (2001) Great Crested Newt Conservation Handbook, Froglife, Halesworth

Appendix

1

Map

Map 1: Location Map of Squirrels Nook, Church Hill, Barnetby le Wold.



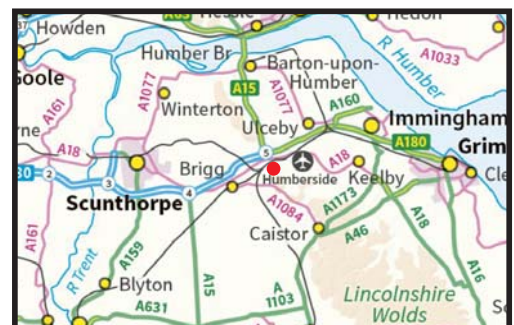
Ordnance Survey © Crown Copyright 2021. All Rights reserved
Licence Number 100020449. Plotted Scale 1:40,000

Site Plan 1:40,000

Legend

- Location of site

KJ Ecology Ltd
Drawn by : KJ
Date : 19/06/2021



Appendix 2

Photos

Photos for Church Hill, Barnetby le Wold

	
<p>Photo 1: Pond</p>	<p>Photo 2: Bat box on South side of house</p>
	
<p>Photo 3: Bat box on Oak Tree</p>	<p>Photo 4: Bird box in hedge used by Blue Tits</p>
	
<p>Photo 5: Bird box on Oak tree</p>	<p>Photo 6: Newly planted trees</p>
	
<p>Photo 7: Split Horse Chestnut in Northern hedge</p>	