



global environmental solutions

'Phase 3' Land off Lowfield Road, Bolton upon Dearne

Extended Phase 1 Habitat Survey

SLR Ref: 424-03044-00026

March 2015

GLEESON DEVELOPMENTS LTD

Version: Rev 0

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1.0 INTRODUCTION

1.1 Terms of Reference

SLR Consulting Limited was commissioned by Gleeson Developments Ltd to undertake an 'Extended' Phase I Habitat Survey of land off Lowfield Road, Bolton upon Dearne (approximate central OS grid reference SE 461 024). This land constitutes 'Phase 3' of the development here; the first two phases are under construction or have planning consent.

1.2 Site Context

The site is located on the eastern edge of Bolton upon Dearne, and is surrounded by a mixture of land uses.

Immediately south of the site is located Lowfield Lodge, which comprises a residential property and a single stable/ storage shed. A fishery (Lowfield Lakes) also lies a short distance to the south of the site, beyond which is the River Dearne.

To the north of the site are located areas of residential housing (Lowfield Grove and Crane Well View). To the west the land comprises rough habitat with scrub and coarse grassland and tall herb, along with disturbed open areas around a construction compound. This land is Phase 2, and has planning consent for housing.

The eastern site boundary is formed of an access track to Lowfield Lodge and the fishery, and beyond this track lies arable cultivation.

The site itself consists of a single grazing field which is used to keep several horses in a small number of low fenced paddocks. There are no buildings, trees or ponds within the site. The majority of the vegetation is very short; longer vegetation is confined to areas close to the boundary and comprises mostly scattered scrub.

At the northern end of the site, on either side of the access track to Lowfield Lodge and fishery (east of the properties off Crane Well View), there is a short section of overgrown hedgerow. A further length of hedgerow/ belt of scrub also occurs along the southern site boundary, separating the site from the access track to Lowfield Lakes, and Lowfield Lodge. A hedgerow also runs along the rear properties off Lowfield Grove and Crane Well View, along the northern site boundary.

2.0 METHODOLOGY

2.1 Desk Study

The Barnsley Biological Records Centre (BBRC) was commissioned to undertake a search of statutory and non-statutory designated sites for nature conservation and protected/notable species¹ for the Site, and land within a 1.5 km radius.

2.2 Field Survey

The habitat survey and mapping exercise was carried out by a suitably qualified Ecologist with SLR Consulting on 12th March 2015, using standard Phase I Habitat survey methodology (JNCC, 2007). The ecologist holds a valid and up-to-date Natural England survey licence for great crested newt *Triturus cristatus* and is an experienced ornithologist and botanist.

Habitats and features with potential to support protected and/ or conservation priority species, together with any associated field signs were searched for. In addition searches were undertaken for invasive species, including those listed on Schedule 9 of the Wildlife and Countryside Act 1981.

Evident and accessible water bodies located within a 500m radius or so of the site boundary were subject to a Habitat Suitability Index (HSI) assessment, to gauge their suitability for great crested newt (Oldham *et al*, 2000).

2.3 Limitations

2.3.1 Desk Study

Desk study data is unlikely to be exhaustive, especially in respect of species, and is intended mainly to set a context for the study. It is therefore possible that protected species not identified during the data search do in fact occur within the vicinity of the proposed development site.

2.3.2 Field survey

Survey was undertaken at a sub-optimal time of year, for most species, and habitat-types. However, given that the site consists of a horse-grazed field, of minimal intrinsic ecological value, this is not considered to be a significant constraint.

2.3.3 Quality Assurance & Environmental Management

The surveyor is an Associate Member of the Chartered Institute of Ecology and Environmental Management (CIEEM) and follows the Institute's code of professional conduct when undertaking ecological work.

¹ This includes species protected under international and national legislation as well as species included in the UK and/or local Biodiversity Action Plans, Red Data Book taxa, and Red or Amber listed birds of conservation concern.

3.0 RESULTS

3.1 Desk Study

A full account of information provided by the Barnsley Biological Records Centre (BBRC) is provided within Appendix C; a summary is presented below.

3.1.1 Statutory Sites

No statutory sites, such as Sites of Special Scientific Interest (SSSI), Ramsar sites, Special Protection Areas (SPAs) or Special Areas of Conservation (SACs), lie within the application site, or a 1.5 km radius of it.

3.1.2 Non-Statutory Sites

A single non-statutory site occurs within a 1.5 km radius of the application site, this being Bolton upon Dearne Wetlands Local Wildlife Site (LWS), located approximately 0.6 km to the north-east of the application site. This 2.52 ha LWS comprises marshy grassland, swamp and semi-improved neutral grassland. The LWS will not be affected by the proposed development, and therefore will not be considered further within this report.

3.1.3 Protected species

Birds

A total of 189 bird records were provided, encompassing 38 species.

Many of the species are waterbirds and waders. A large proportion of records also relate to farmland species.

The majority of records are from Adwick Washlands, which lies approximately 0.3km north-east of the application site at its closest point. Notable records here include lapwing *Vanellus vanellus*, kingfisher *Alcedo atthis*, black-tailed godwit *Limosa limosa*, herring gull *Larus argentatus*, skylark *Alauda arvensis*, song thrush *Turdus philomelos*, reed bunting *Emberiza schoeniclus*, linnet *Carduelis cannabina*, and grey partridge *Perdix perdix*.

Detailed location information was not provided with some records, such as for yellow wagtail *Motacilla cinerea* and corn bunting *Miliaria calandra*.

Bats

Only two bat records were provided; one for Daubenton's bat *Myotis daubentonii*, 0.4 km south-west of the site (at a River Dearne bridge crossing); and the second for an unidentified *Myotis* species at Adwick Bridge on the River Dearne, 1.3 km east of the site. Both records date from 2012.

Amphibians

Seven amphibian records were returned, comprising four species, namely great crested newt *Triturus cristatus* (one record), smooth newt *Lissotriton vulgaris* (two records), toad *Bufo bufo* (two records) and frog *Rana temporaria* (two records).

The great crested newt record is located at a pond near Barnburgh Lane, approximately 1.3 km north of the application site, and dates from 2011.

Reptiles

A grass snake *Natrix natrix* was recorded at Adwick Washlands, 0.5 km north-east of the application site, in 2013.

Riparian Mammals

Seven otter *Lutra lutra* records were returned, all of which are from River Dearne bridge crossings. The records are located between 0.3 and 0.4 km south and south-west of the site, and date from 2005 and 2007.

A total of 232 water vole *Arvicola amphibius* records were provided for the Adwick Washlands and River Dearne. These relate to a number of field signs, most commonly latrines, but also feeding piles and damage, burrows and surface runs.

The main cluster of records are from a stretch of the River Dearne between 0.35 and 1.5 km east of the site, and a drainage ditch running north to south, approximately 0.6 km east of the site. Several records also came from the River Dearne Mexborough Road crossing, 0.4 km south-west of the site.

The records range in age from 1988 to 2013, but the majority of records date to either 2002 or 2013.

Other taxa

Of the remaining records, two related to plants, seven to invertebrates (mostly dingy skipper *Erynnis tages*) and five to harvest mouse *Micromys minutus*.

No badger *Meles meles* records were returned.

3.2 Field Survey

3.2.1 Habitat Descriptions

Overview

The results of the Phase I Habitat Survey are illustrated in Drawing 1, with associated target notes listed in Appendix A.

Grassland and tall herb

The site comprised a single grazing field (formerly managed for arable cultivation), some of which was split up into a number of small horse-grazed paddocks separated by wire fencing (target note 1). The sward was generally very short, locally sparse, and impoverished; some field margins supported a less intensively grazed sward, and here the vegetation was taller, though still species-poor.



Plate 1: View (looking east) of grazing field from the western site boundary. This shows the grassland to be characteristically short and locally sparse as a result of the present grazing management

Scrub and hedge

The site contained no trees. A short section of overgrown hawthorn *Crataegus monogyna* dominated hedgerow lies on the southern boundary, and there are some scattered plantings in between paddocks. The eastern side of the track running along the eastern site boundary (facilitating access to Lowfield Lodge and the fishery) contained a few scattered shrubs. Nearer to the junction with Lowfield Road, at the north end of the site, there was overgrown scrub/ hedgerow on both sides of the track. The northern boundary, which abutts back gardens of residential properties located along Lowfield Grove and Crane Well View, contained a variety of fencing with shrubs and young trees.

Water bodies

There were no ponds or ditches present within the site. However, Lowfield Lakes fishery was located circa 15 metres to the south of the site, at its closest point (target note 3). This was itself only a short distance north of the River Dearne. The fishery was established in 1999 and comprises six water bodies of various sizes, situated in close proximity to each other. Most of the angling activity on the site is carried out on three of these lakes, and these are regularly stocked with carp and other coarse fish. The remaining three smaller water bodies are managed as stocking ponds.

In addition to these six fishing ponds, only one other water body was located within a 500m radius of the site boundary. This was for a heavily vegetated pond located 360m south-east of the site, beyond the River Dearne, which is likely to act as a barrier to the movement of amphibians, towards the site.

A sewage works was also located a short distance, to the south-west of the site. This comprises a number of settlement and treatment tanks (target note 4).

3.2.2 Protected species

Birds

During the Extended Phase I Habitat Survey the following birds were noted on or flying over the site:

- Blackbird *Turdus merula*;
- Blue tit *Cyanistes caerulea*;
- Carrion crow *Corvus corone*; and
- Black-headed gull *Chroicocephalus ridibundus*.

None of these species are Birds of Conservation Concern (BoCC). The open field habitats of the site offer no potential for breeding birds; the scrub and hedgerows around the site boundaries are likely to support a limited range of common passerines.

Bats

There were no trees or building within the site, and hence the site itself has no scope to support roosting bats. In addition, the site has low value for foraging bats, due to the sparseness of the vegetation. The lakes comprising Lowfield Lakes fishery, which lie a short distance to the south of the site, are likely to attract large numbers of foraging bats, some of which may commute across the application site to reach them.

Great crested newt

All of the ponds comprising the fishery at Lowfield Lakes are stocked with fish. These ponds were assessed for their potential to support great crested newt using the HSI methodology (Oldham et al, 2000), and found to have a score of 0.42, which equates to 'low' suitability for great crested newt (refer to Appendix B).

The pond located 360 metres to the south-east of the site, is separated from the site by the River Dearne, which is likely to act as a barrier to the movement of amphibians, if indeed they occur within this pond.

Badger

No badger setts or field signs were noted within the site or immediate surroundings.

Reptiles

The site, comprising short-grazed improved grassland, does not provide suitable habitat for reptiles.

Riparian Mammals

The site does not contain any ditches or water bodies, and as such does not have the potential to support otter or water vole.

4.0 RELEVANT LEGISLATION & POLICY²

4.1 Legislation

4.1.1 *Habitat Regulations*

The Conservation of Habitats and Species Regulations 2010 transpose Council Directive 92/43/EEC on the Conservation of Natural Habitats and Wild Flora and Fauna (Habitats Directive) into English law, making it an offence to deliberately capture, kill or disturb³ wild animals listed under Schedule 2 of the Regulations. It is also an offence to damage or destroy a breeding site or resting place of such an animal (even if the animal is not present at the time).

4.1.2 *Wildlife & Countryside Act*

The Wildlife and Countryside Act 1981, as amended by the Countryside and Rights of Way Act (CROW) 2000 and the Natural Environment and Rural Communities Act (NERC) 2006, consolidates and amends existing national legislation to implement the Convention on the Conservation of European Wildlife and Natural Habitats (Bern Convention) and Council Directive 79/409/EEC on the Conservation of Wild Birds (Birds Directive), making it an offence to:

- Intentionally kill, injure or take any wild bird or their eggs or nests (with certain exceptions) and disturb any bird species listed under Schedule 1 to the Act, or its dependent young while it is nesting;
- Intentionally kill, injure or take any wild animal listed under Schedule 5 to the Act; intentionally or recklessly damage, destroy or obstruct any place used for shelter or protection by any wild animal listed under Schedule 5 to the Act; intentionally or recklessly disturb certain Schedule 5 animal species while they occupy a place used for shelter or protection; and
- Pick or uproot any wild plant listed under Schedule 8 of the Act.

4.1.3 *Natural Environment & Rural Communities Act*

The NERC Act 2006 places a duty on authorities to have due regard for biodiversity and nature conservation during the course of their operations.

4.2 Policy

4.2.1 *National Planning Policy Framework*

The National Planning Policy Framework (NPPF) states that the planning system should contribute to and enhance the natural and local environment by:

² Please note that this legal information is a summary and intended for general guidance only. The original legal documents should be consulted for definitive information. Web addresses providing access to the full text of these documents are given in the References & Bibliography section.

³ Disturbance, as defined by the Conservation of Habitats and Species Regulations 2010, includes in particular any action which impairs the ability of animals to survive, breed, rear their young, hibernate or migrate (where relevant); or which affects significantly the local distribution or abundance of the species.

- Recognising the wider benefits of ecosystem services; and
- Minimising impacts on biodiversity and providing net gains in biodiversity where possible, contributing to the Government's commitment to halt the overall decline in biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures.

Other key principles of the NPPF relating to biodiversity are:

- The conservation of International and National statutorily designated sites;
- Protection of ancient woodland and veteran trees;
- The creation, protection, enhancement and management of networks of biodiversity and green infrastructure;
- The preservation, restoration and recreation of priority habitats and ecological networks; and
- The recovery of priority species populations.

4.2.2 Biodiversity Action Plans

The UK Biodiversity Action Plan (UKBAP) (Anon, 1995) was organised to fulfil the Rio Convention on Biological Diversity in 1992, to which the UK is a signatory. A list of national priority species and habitats has been produced with all listed species/habitats having specific action plans defining the measures required to ensure their conservation. Regional and local BAPs have also been organised to develop plans for species/habitats of nature conservation importance at regional and local levels.

5.0 DISCUSSION & RECOMMENDATIONS

5.1 Birds

The fields of short grassland which comprise the site, in their current horse-grazed state, have negligible potential to support nesting birds. However, should grazing cease, and the grassland be allowed to grow taller, they could potential attract a number of ground-nesting species such as skylark *Alauda arvensis* and/ or meadow pipit *Anthus pratensis*. Should this occur, then any clearance of vegetation should take place outside of the main bird breeding season, which for most species extends between March and August inclusive. If this is not possible then a breeding bird survey should be carried out by a suitably experienced ecologist, immediately prior to clearance taking place. If any active bird nests are found the nest and surrounding vegetation should be protected until the nesting attempt is concluded, and the young have fledged.

5.2 Bats

The site contains no buildings or trees, and hence has no potential for roosting bats; similarly it has very limited potential for foraging bats, due to its very open nature. However, the fishery comprising Lowfield Lakes, located a short distance to the south of the site, is likely to attract large numbers of bats, some of which may commute across the application site, for example, from roosts within houses to the north. Should this be the case, then the bats would benefit from boundary planting, along the western and/ or eastern site boundaries, particularly if this planting were to consist of tall scrub.

6.0 CLOSURE

This report has been prepared by SLR Consulting Limited with all reasonable skill, care and diligence, and taking account of the manpower and resources devoted to it by agreement with the client. Information reported herein is based on the interpretation of data collected and has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of Gleeson Developments Ltd; no warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the client and others in respect of any matters outside the agreed scope of the work.

REFERENCES & BIBLIOGRAPHY

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- Anon (2002) *Badgers and Development*. English Nature, Peterborough.
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- Joint Nature Conservation Committee (2010) *Handbook for Phase 1 Habitat Survey – A Technique for Environmental Audit* (Revised reprint). Joint Nature Conservancy Council, Peterborough.
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- Stace, C. (1997) *New Flora of the British Isles* (2nd edition). Cambridge University Press, Cambridge.

Web addresses for access to full UK legislation and policy text:

Conservation of Habitats and Species Regulations 2010:

http://www.opsi.gov.uk/si/si2010/uksi_20100490_en_1

Habitats Directive:

www.europa.eu.int/eur-lex/en/lif/dat/1992/en_392L0043

Birds Directive:

eur-lex.europa.eu/LexUriServ/site/en/consleg/1979/L/01979L0409-20070101-en

Wildlife and Countryside Act 1981:

www.opsi.gov.uk/RevisedStatutes/Acts/ukpga/1981/cukpga_19810069_en_1

Countryside and Rights of Way Act 2000:

www.legislation.hmso.gov.uk/acts/acts2000/20000037

Natural Environment and Rural Communities Act 2006:

http://www.opsi.gov.uk/acts/acts2006/ukpga_20060016_en_1

Protection of Badgers Act 1992:

http://www.opsi.gov.uk/ACTS/acts1992/ukpga_19920051_en_1

National Parks and Access to the Countryside Act 1949:

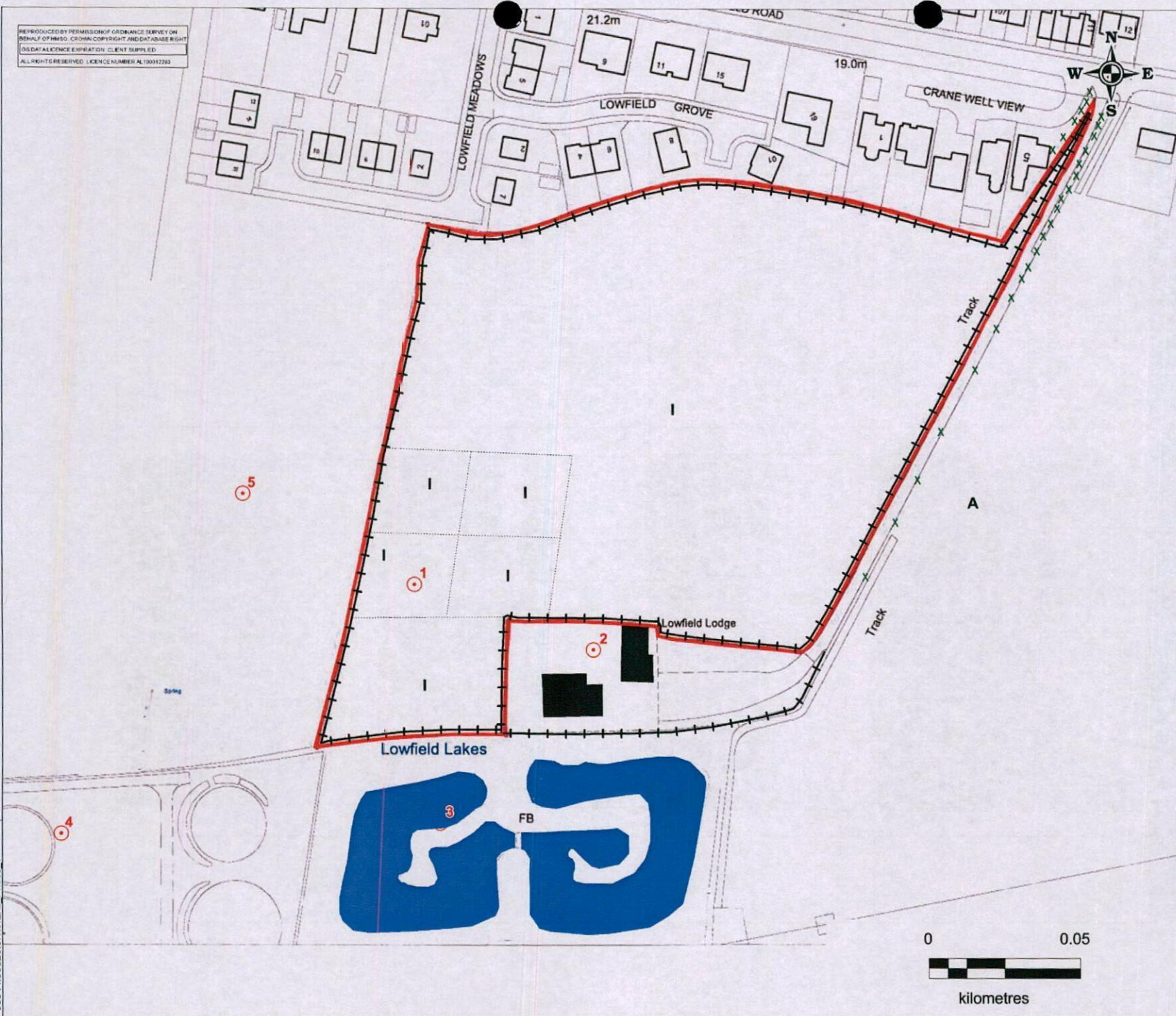
http://www.opsi.gov.uk/RevisedStatutes/Acts/ukpga/1949/cukpga_19490097_en_1

National Planning Policy Framework 2012

www.gov.uk/government/uploads/system/uploads/attachment_data/file/6077/2116950.pdf

DRAWING 1 – RESULTS OF EXTENDED PHASE 1 HABITAT SURVEY

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NOTES

- LEGEND
- SITE BOUNDARY
 - IMPROVED GRASSLAND
 - A ARABLE
 - X SCATTERED SCRUB
 - STANDING WATER
 - FENCE
 - HORSE GRAZED COMPARTMENTS
 - BUILDING
 - 0 TARGET NOTE

GLEESON DEVELOPMENTS

SLR STEP BUSINESS CENTRE
7 WORTLEY ROAD
DEEPCAR
SHEFFIELD S38 2JH
T: 0114 2903825
F: 0114 2903829
www.slronline.com

BOLTON UPON DEARNE

RESULTS OF EXTENDED PHASE 1 HABITAT SURVEY





DRAWING 1


SCALE: 1:1,200 @ A3 DATE: MARCH 2015

03044.00026.5.1.0.Ext. Phase 1

APPENDIX A:

TARGET NOTES TO ACCOMPANY DRAWING 1

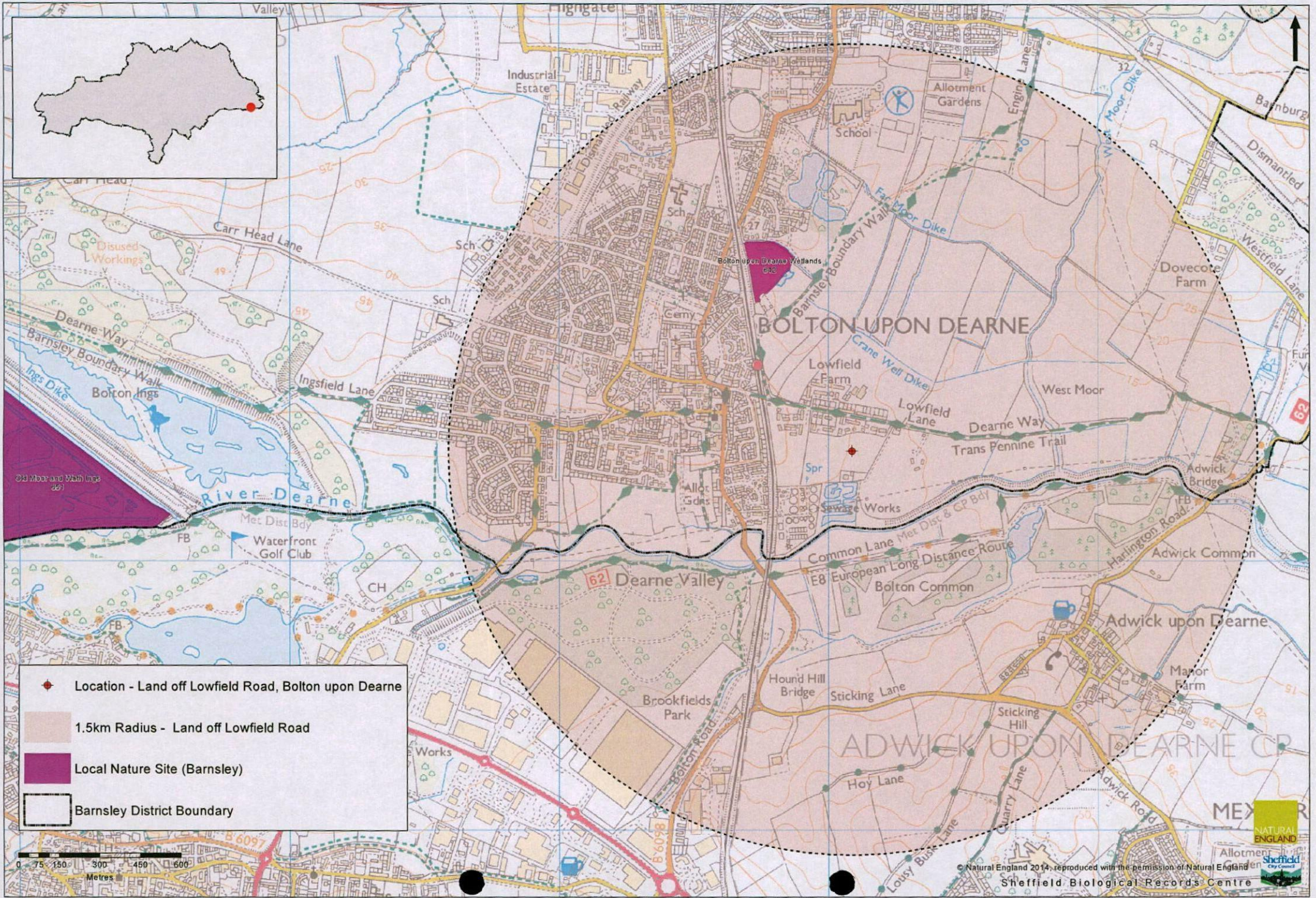
Number		Description
1		<p>Site comprises several grazing paddocks of various sizes with horses present. Sward short and generally well-grazed throughout.</p>
2		<p>Location of buildings adjacent to the southern site boundary comprising a residential property (Lowfield Lodge) and stables/storage building</p>
3		<p>Location of a series of fishing lakes known as Lowfield Lakes, which are stocked with fish and in active use. These lakes have poor potential for great crested newt, but are likely to attract large numbers of foraging bats.</p>
4		<p>Location of live sewage works to the south-east of the site boundary and west of Lowfield Lakes</p>





Number		Description
5		Land to the west of the site comprises a mix of rough scrub and grassland habitat in addition to a large construction compound and associated disturbed ground. This land has planning permission for housing (Phase 2 development).

APPENDIX B – RESULTS OF HSI ASSESSMENT OF PONDS COMPRISING LOWFIELD LAKES FISHERY

Project	Gleeson Developments Ltd		
Project number	424.03044.00026		
Site	Land off Lowfield Road, Bolton on Dearne		
Pond number/reference	Lowfield Lakes Fishery		
OS Grid reference	SE460022		
Location details	Within Lowfield Lakes Fishery		
Access permission	No		
Access instructions	Viewable from the NW		
Landowner name	N/K		
Address/email			
Telephone			
Habitat Suitability Index			
			SI value
S11. Map location	A/B/C	A	1.00
S12. Surface area	rectangle/ellipse/irregular	rectangle	
	length (m)	115	
	width (m)	48	
	OR estimate (m ²) if irregular		
	<i>area (m²) =</i>	5520	0.23
S13. Desiccation rate	never/rarely/sometimes/frequently	never	0.90
S14. Water quality	good/moderate/poor/bad	moderate	0.67
S15. Shade	% of margin shaded 1m from bank	2	1.00
S16. Waterfowl	absent/major/minor	minor	0.67
S17. Fish population	absent/possible/minor/major	major	0.01
S18. Pond density	number of ponds within 1km	5	1.00
S19. Terrestrial habitat	good/moderate/poor/isolated	moderate	0.67
S110. Macrophyte cover	%	0	0.31
		HSI =	0.42
		provisional HSI	=
		=	0.39
<i>Use provisional HSI value if above 0.75</i>			
	Date undertaken	12-03-15	

APPENDIX C – RESULTS OF DESK STUDY



-  Location - Land off Lowfield Road, Bolton upon Dearne
-  1.5km Radius - Land off Lowfield Road
-  Local Nature Site (Barnsley)
-  Barnsley District Boundary

0 75 150 300 450 600
Metres

<i>Grid Ref</i>	<i>Location</i>	<i>Location Name</i>	<i>Date</i>	<i>Group</i>	<i>Scientific Name</i>	<i>Common Name</i>	<i>Comments</i>
SE462038	Goldthorpe	pond nr Barnburgh Lane	06/04/2011	amphibian	Triturus cristatus	Great Crested Newt	Male
SE459031	Thurnscoe pond 9		01/01/2008	amphibian	Bufo bufo	Common Toad	
SE462038	Goldthorpe	pond nr Barnburgh Lane	05/05/2011	amphibian	Bufo bufo	Common Toad	
SE4661902718	Adwick Washlands		03/09/2013	reptile	Natrix natrix	Grass Snake	Field Record
SE456021	'BARNSELEY MBC'	North Island Bridge	01/03/2005	terrestrial mammal	Lutra lutra	Otter	spraint
SE457020	'BARNSELEY MBC'	Railway Bridge	01/03/2005	terrestrial mammal	Lutra lutra	Otter	spraint
SE455020	'BARNSELEY MBC'	Railway Bridge	05/01/2007	terrestrial mammal	Lutra lutra	Otter	spraint
SE473022	'BARNSELEY MBC'	Adwick Bridge	05/01/2007	terrestrial mammal	Lutra lutra	Otter	spraint
SE45560202	Bolton Upon Dearne	North Island Bridge	16/03/2005	terrestrial mammal	Lutra lutra	Otter	Spraint
SE45840202	Bolton Upon Dearne	Railway Bridge	16/03/2005	terrestrial mammal	Lutra lutra	Otter	Spraint
SE456021	'BARNSELEY MBC'	North Island Bridge	01/03/2005	terrestrial mammal	Lutra lutra	Otter	field record
SE472025	Adwick Washlands	Eastern marsh	08/03/2012	bird	Perdix perdix	Grey Partridge	2 pairs flushed from edge of field.
SE473026	Adwick Washlands	West Moor Lane	08/03/2012	bird	Perdix perdix	Grey Partridge	Flushed from edge of field
SE462022	Adwick Washlands	arable field	15/10/2014	bird	Perdix perdix	Grey Partridge	8 in new cereal crop
SE465025	Adwick Washlands	central field	08/03/2012	bird	Vanellus vanellus	Lapwing	ca 10-12 displaying
SE4602	Adwick Washlands		07/07/2013	bird	Vanellus vanellus	Lapwing	
SE470027	Adwick Washlands		09/10/2013	bird	Vanellus vanellus	Lapwing	small winter flock
SE465025	Adwick Washlands	NW lagoon	15/10/2014	bird	Vanellus vanellus	Lapwing	28 counted
SE473025	Adwick Washlands	West Moor Lane	08/03/2012	bird	Emberiza citrinella	Yellowhammer	
SE473025	Adwick Washlands	Easternmarsh	08/03/2012	bird	Emberiza schoeniclus	Reed Bunting	In hedge on western boundary.
SE4602	Adwick Washlands		07/07/2013	bird	Emberiza schoeniclus	Reed Bunting	1 male
SE4501	'BARNSELEY MBC'	SE40K-4	15/05/2009	bird	Cuculus canorus	Cuckoo	Breeding probable
SE4501	'BARNSELEY MBC'	SE40K-4	15/05/2009	bird	Passer domesticus	House Sparrow	Breeding confirmed
SE466026	Adwick Washlands		21/03/2013	bird	Vanellus vanellus	Lapwing	
SE4502	River Dearne in SE40	R Dearne at Bolton	20/07/2008	bird	Emberiza schoeniclus	Reed Bunting	singing male
SE458035	Bolton Brickyards Ponds	Large rotavated area	28/07/2014	flowering plant	Centaurea cyanus	Cornflower	
SE458035	Bolton Brickyards Ponds	Turf-stripped plots	28/07/2014	flowering plant	Centaurea cyanus	Cornflower	
SE465024	Adwick Washlands	ditch	08/03/2012	terrestrial mammal	Micromys minutus	Harvest Mouse	nest in Phalaris
SE471024	Adwick Washlands	ditch	08/03/2012	terrestrial mammal	Micromys minutus	Harvest Mouse	nest in Phalaris
SE473024	Adwick Washlands	ditch at east end	08/03/2012	terrestrial mammal	Micromys minutus	Harvest Mouse	nest in Phalaris
SE463024	Adwick Washlands	ditch by main path	09/10/2013	terrestrial mammal	Micromys minutus	Harvest Mouse	2 nests in Phalaris
SE466024	Adwick Washlands		15/10/2014	terrestrial mammal	Micromys minutus	Harvest Mouse	nest and droppings in Phalaris
SE454012	'BARNSELEY MBC'	Adwick Dearne	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	5 seen
SE455012	'BARNSELEY MBC'	Adwick Dearne, nr R. Bank	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	9 seen
SE456016	'BARNSELEY MBC'	Adwick Dearne	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	7 seen
SE456019	'BARNSELEY MBC'	Adwick Dearne TIP	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	5 seen
SE464017	'BARNSELEY MBC'	Adwick Dearne TIP	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	7 seen
SE467019	'BARNSELEY MBC'	Adwick Dearne TIP	23/05/2010	insect - butterfly	Erynnis tages	Dingy Skipper	5 seen
SE4602	Adwick Washlands		01/01/2011	terrestrial mammal	Lepus europaeus	Brown Hare	
SE469025	Adwick Washlands		09/02/2012	terrestrial mammal	Lepus europaeus	Brown Hare	brown hare, 2 No.
SE469025	Adwick Washlands		09/02/2012	terrestrial mammal	Lepus europaeus	Brown Hare	
SE456019	'BARNSELEY MBC'	Adwick Dearne TIP	23/05/2010	insect - butterfly	Coenonympha pamphilus	Small Heath	2 seen
SE468023	River Dearne in SE40	nr Adwick	15/10/2014	bird	Alcedo atthis	Kingfisher	1 in flight over river
SE4602	Adwick Washlands		07/07/2013	bird	Anser anser	Greylag Goose	

SE466026	Adwick Washlands		21/03/2013	bird	<i>Limosa limosa</i>	Black-Tailed Godwit	
SE466026	Adwick Washlands		21/03/2013	bird	<i>Anser anser</i>	Greylag Goose	
SE466026	Adwick Washlands		10/02/2013	bird	<i>Alcedo atthis</i>	Kingfisher	
SE454015	Manvers pond 5		01/01/2009	amphibian	<i>Triturus vulgaris</i>	Smooth Newt	
SE462038	Goldthorpe	pond nr Barnburgh Lane	06/04/2011	amphibian	<i>Triturus vulgaris</i>	Smooth Newt	1 male, 4 female
SE466035	Thurnscoe pond 7		01/01/2008	amphibian	<i>Rana temporaria</i>	Common Frog	
SE462038	Goldthorpe	pond nr Barnburgh Lane	05/05/2011	amphibian	<i>Rana temporaria</i>	Common Frog	
SE457021	'BARNSELY MBC'	near Bolton	22/09/2012	terrestrial mammal	<i>Myotis daubentoni</i>	Daubenton's Bat	1 feeding over river
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	<i>Charadrius dubius</i>	Little Ringed Plover	Breeding probable
SE4702	'BARNSELY MBC'	Adwick Bridge	09/10/2013	bird	<i>Phalacrocorax carbo</i>	Cormorant	1 flying by
SE464027	Adwick Washlands		09/10/2013	bird	<i>Phalacrocorax carbo</i>	Cormorant	1
SE447019	Bolton Upon Dearne	Dearne Road Bridge	16/03/2005	bird	<i>Cygnus olor</i>	Mute Swan	
SE463025	Adwick Washlands	west end	09/10/2013	bird	<i>Cygnus olor</i>	Mute Swan	4 on lagoon
SE464027	Adwick Washlands		09/10/2013	bird	<i>Cygnus olor</i>	Mute Swan	2
SE465025	Adwick Washlands	NW lagoon	15/10/2014	bird	<i>Cygnus olor</i>	Mute Swan	5 counted
SE473024	Adwick Washlands	Eastern marsh	08/03/2012	bird	<i>Falco tinnunculus</i>	Kestrel	On pylon
SE466026	Adwick Washlands		21/03/2013	bird	<i>Tringa totanus</i>	Redshank	
SE4602	Adwick Washlands		07/07/2013	bird	<i>Tringa totanus</i>	Redshank	
SE464027	Adwick Washlands		09/10/2013	bird	<i>Larus fuscus</i>	Lesser Black-Backed Gull	1
SE466026	Adwick Washlands		13/01/2013	bird	<i>Larus argentatus</i>	Herring Gull	
SE447019	Bolton Upon Dearne	Dearne Road Bridge	16/03/2005	bird	<i>Picus viridis</i>	Green Woodpecker	
SE465024	Adwick Washlands		08/03/2012	bird	<i>Alauda arvensis</i>	Skylark	aerial song
SE470026	Adwick Washlands	West Moor	08/03/2012	bird	<i>Alauda arvensis</i>	Skylark	Singing.
SE473022	Adwick upon Dearne	Adwick Bridge	16/03/2005	bird	<i>Alauda arvensis</i>	Skylark	
SE4602	Adwick Washlands		07/07/2013	bird	<i>Alauda arvensis</i>	Skylark	many in aerial song
SE462022	Adwick Washlands	arable field	15/10/2014	bird	<i>Alauda arvensis</i>	Skylark	4 in new cereal crop
SE474024	Adwick Washlands		15/10/2014	bird	<i>Turdus philomelos</i>	Song Thrush	1
SE465036	Goldthorpe	Barnburgh Lane	17/02/2012	bird	<i>Phylloscopus trochilus</i>	Willow Warbler	willow warbler singing in bushes
SE468036	Goldthorpe	Barnburgh Lane	17/02/2012	bird	<i>Phylloscopus trochilus</i>	Willow Warbler	willow warbler singing in bushes
SE465036	Goldthorpe	Bamburgh Lane	17/02/2012	bird	<i>Phylloscopus trochilus</i>	Willow Warbler	Calling in bushes
SE468036	Goldthorpe	Bamburgh Lane	17/02/2012	bird	<i>Phylloscopus trochilus</i>	Willow Warbler	Calling in bushes
SE473025	Adwick Washlands	West Moor Lane	08/03/2012	bird	<i>Prunella modularis</i>	Dunnock	Singing
SE474023	Adwick Washlands	Adwick Bridge	08/03/2012	bird	<i>Prunella modularis</i>	Dunnock	
SE457021	Bolton Upon Dearne	North Island Bridge	16/03/2005	bird	<i>Motacilla cinerea</i>	Grey Wagtail	
SE447019	Bolton Upon Dearne	Dearne Road Bridge	16/03/2005	bird	<i>Motacilla cinerea</i>	Grey Wagtail	
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	<i>Motacilla flava</i>	Yellow Wagtail	Breeding probable
SE474023	Adwick Washlands	Adwick Bridge	08/03/2012	bird	<i>Carduelis carduelis</i>	Goldfinch	
SE466027	Adwick Washlands	central viewpoint	09/10/2013	bird	<i>Carduelis carduelis</i>	Goldfinch	flock of 30
SE473025	Adwick Washlands	EasterN marsh	08/03/2012	bird	<i>Carduelis cannabina</i>	Linnet	In hedge on western boundary.
SE474025	Adwick Washlands	Eastern marsh	08/03/2012	bird	<i>Carduelis cannabina</i>	Linnet	
SE472025	Adwick Washlands	Lowfield Lane	08/03/2012	bird	<i>Pyrrhula pyrrhula</i>	Bullfinch	
SE40R	Goldthorpe		10/04/1984	bird	<i>Miliaria calandra</i>	Corn Bunting	industrial estate by farmland
SE468027	Adwick Washlands		09/10/2013	bird	<i>Anas crecca</i>	Teal	small flock
SE465025	Adwick Washlands	NW lagoon	15/10/2014	bird	<i>Egretta garzetta</i>	Little Egret	1
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	<i>Turdus merula</i>	Blackbird	Breeding probable

SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Turdus merula	Blackbird	Breeding confirmed
SE466026	Adwick Washlands		13/01/2013	bird	Larus canus	Common Gull	
SE466026	Adwick Washlands		10/02/2013	bird	Larus canus	Common Gull	
SE466026	Adwick Washlands		13/01/2013	bird	Phalacrocorax carbo	Cormorant	
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Prunella modularis	Dunnock	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Prunella modularis	Dunnock	Breeding confirmed
SE466026	Adwick Washlands		13/01/2013	bird	Anas strepera	Gadwall	
SE466026	Adwick Washlands		21/03/2013	bird	Anas strepera	Gadwall	
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Picus viridis	Green Woodpecker	Breeding probable
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Motacilla cinerea	Grey Wagtail	Breeding confirmed
SE466026	Adwick Washlands		14/01/2013	bird	Lymnocyptes minimus	Jack Snipe	
SE466026	Adwick Washlands		10/02/2013	bird	Lymnocyptes minimus	Jack Snipe	
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Falco tinnunculus	Kestrel	
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Carduelis cannabina	Linnet	Breeding probable
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Carduelis cannabina	Linnet	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Anthus pratensis	Meadow Pipit	Breeding probable
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Anthus pratensis	Meadow Pipit	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Turdus viscivorus	Mistle Thrush	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Turdus viscivorus	Mistle Thrush	Breeding confirmed
SE466026	Adwick Washlands		13/01/2013	bird	Anser brachyrhynchus	Pink-Footed Goose	
SE466026	Adwick Washlands		21/03/2013	bird	Charadrius hiaticula	Ringed Plover	
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Alauda arvensis	Skylark	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Alauda arvensis	Skylark	Breeding confirmed
SE466026	Adwick Washlands		14/01/2013	bird	Gallinago gallinago	Snipe	
SE466026	Adwick Washlands		10/02/2013	bird	Gallinago gallinago	Snipe	
SE4501	'BARNSELY MBC'	SE40K-4	14/04/2009	bird	Turdus philomelos	Song Thrush	Breeding confirmed
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Turdus philomelos	Song Thrush	Breeding probable
SE466026	Adwick Washlands		13/01/2013	bird	Anas crecca	Teal	
SE466026	Adwick Washlands		10/02/2013	bird	Anas crecca	Teal	
SE466026	Adwick Washlands		21/03/2013	bird	Anas crecca	Teal	
SE466026	Adwick Washlands		10/02/2013	bird	Anas penelope	Wigeon	
SE466026	Adwick Washlands		21/03/2013	bird	Anas penelope	Wigeon	
SE4501	'BARNSELY MBC'	SE40K-4	15/05/2009	bird	Phylloscopus trochilus	Willow Warbler	Breeding confirmed
SE473022	Adwick Washlands	Adwick Bridge R. Dearne	22/09/2012	terrestrial mammal	Myotis	Unidentified Bat	1 feeding over the river
SE4682502506	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Nesthole
SE4682102504	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Nesthole
SE4659502327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Latrine
SE4658902327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Latrine
SE458017	Bolton Upon Dearne	Mill Bridge	23/06/1988	terrestrial mammal	Arvicola terrestris	Water Vole	1 in ochre stream
SE46540229	'BARNSELY MBC'	River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE46580230	'BARNSELY MBC'	River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE46680227	'BARNSELY MBC'	River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE46700227	'BARNSELY MBC'	River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE46730227	'BARNSELY MBC'	River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4677902334	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Latrine

SE4681002524	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4658202327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4664202319	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4664202319	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Droppings
SE4661302327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Droppings
SE4661202328	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4660402329	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4679702336	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4678902336	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4678802335	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4678102334	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4661702326	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4659302327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4680202545	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4675102687	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4661302327	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4679002336	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4675602643	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4680502339	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4709002370		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4713002360		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4677202334	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4676402323	Adwick Washlands		10/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4681302518	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4680902528	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4737002280		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4739002280		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4674902684	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4675302660	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4705002360		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4705002360		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4694002340		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4698002350		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4723002320		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4681202517	Adwick Washlands		03/09/2013	terrestrial mammal	Arvicola terrestris	Water Vole	Burrow
SE4734002390		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4735002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + surface runs + feeding
SE4750002220		River Dearne	06/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4679002300		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4740002280		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine+ feeding
SE4742002220		River Dearne	06/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4689002350		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4692002340		Adwick Washlands	26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4670002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4673002260		River Dearne	12/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine

SE4731002300		River Dearne	12/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4731002320		River Dearne	12/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4747002220		River Dearne	06/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4675002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE470022	Adwick Washlands		01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Latrines and sighting
SE4491002050		River Dearne	14/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + surface runs
SE4751002220		River Dearne	06/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + tracks + surface runs
SE4680002300		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4658002300		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4668002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE471023	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Tunnels and feeding signs
SE467022	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Tunnels and latrines
SE4673002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4674002270		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE453020	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Large number of tunnels
SE450020	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Tunnels, latrines & feeding signs
SE4740002280	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine+ feeding
SE4705002360	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4583001990		River Dearne	12/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4654002290		River Dearne	10/05/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4713002360	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4734002390	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4674002270	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4675002270	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE463021	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Tunnels
SE457020	'BARNSELEY MBC'	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	Tunnels, feeding signs & latrines
SE4737002280	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4739002280	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4698002350	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4654002290	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4705002360	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	None
SE4709002370	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4670002270	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4673002270	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4680002300	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4731002320	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4679002300	River Dearne in SE40	River Dearne	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4491002050	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + surface runs
SE4692002340	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE4694002340	Adwick Washlands	Adwick Washlands ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding + surface runs
SE47340239	Adwick Washlands		26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE47370228	Adwick Washlands		26/06/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4658002300	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine + feeding
SE4668002270	River Dearne in SE40	River Dearne ;	01/01/2002	terrestrial mammal	Arvicola terrestris	Water Vole	latrine
SE4525402014	'BARNSELEY MBC'	Barnsley	09/06/2012	terrestrial mammal	Arvicola terrestris	Water Vole	Feeding pile

