Unit 4, Fall Bank Industrial Estate, Dodworth

Ecological Walkover Survey

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Unit 4, Fall Bank Industrial Estate, Dodworth

Ecological Walkover Survey

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This document has been prepared and checked in accordance with
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Comments

Comments

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1. Introduction

1.1. Waterman Energy, Environment & Design Ltd ('Waterman') was commissioned by ELG Haniel Metals Ltd to undertake an Ecological Walkover Survey of the land at Unit 4, Fall Bank Industrial Estate, Dodworth, Barnsley (hereafter referred to as the 'Site').

1.2. The survey was undertaken in February 2012 to inform re-development proposals at the Site. The proposed development Site is located at Ordnance Survey Grid Reference SE 309 054 and comprises an area of approximately 2.5 hectares.

1.3. The purpose of this report is to:

- Highlight any possible ecological issues identified through the appraisal and background data searches as well as identify ecological opportunities for the development of the Site;
- Make recommendations for the protection of ecological features within and around the Site, as well as mitigation and enhancement where appropriate, and specify further work required; and
- Assess the consequences of the proposed development in relation to relevant planning policy and legislation requirements.

2. Methodologies

2.1. This section summarises the methodology used for undertaking the Ecological Walkover Survey. This included an ecological data search and an extended Phase 1 habitat survey. In addition, it describes the basis for evaluating the ecological resources.

Ecological Data Search

2.2. The aim of the ecological data search is to collate existing ecological records for the Site and adjacent areas. Obtaining existing records is an important part of the evaluation process as it provides additional information that may not be apparent during a site survey.

2.3. Records of statutory and non-statutory sites and protected species of flora and fauna were collated for the area within a 1.5km radius of the Site.

2.4. Records were provided by Barnsley Biological Records Centre (BBRC) and the Multi-Agency Geographic Information for the Countryside (MAGIC)[1] website.

2.5. In addition, the UK Biodiversity Action Plan[2] (BAP) and Barnsley Local Biodiversity Action Plan[3] (LBAP) were consulted.

Extended Phase 1 Habitat Survey

2.6. An extended Phase 1 habitat survey of the application Site was conducted on 16th February 2012 using the Joint Nature Conservancy Council (JNCC, 1990)[4] standard 'Phase 1' survey techniques (at a level intermediate between the NCC Standard 'Phase 1' and 'Phase 2' Survey). The survey was used to determine the habitats present, the dominant plant species and any obvious faunal activity. The survey also aimed to identify the presence of, or potential for, protected species within and surrounding the Site. All habitat types within the survey area were mapped (see **Figure 1**).

2.7. The weather conditions during the survey were considered suitable, being overcast and dry. Although the survey was undertaken outside the optimal season for survey (April-September) when the majority of plant species are visible, all plants were identified through their vegetative characteristics and given the context of the Site it is considered very unlikely that it would contain any rare or notable flora.

Evaluation

2.8. The habitat evaluations are based on published guidance from the Institute of Ecology and Environmental Management (IEEM, 2006)[5]. The value of specific ecological receptors is assigned using a geographic frame of reference, i.e. international value being most important, then national, regional, county, district, local and lastly, within the boundary of the Site only. A negligible value is assigned where the habitat offers no value to wildlife.

2.9. Value judgements are based on various characteristics that can be used to identify ecological resources or features likely to be important in terms of biodiversity. These include site designations

[1] www.magic.gov.uk
[2] JNCC (2008). UK Biodiversity Action Plan: New List of Priority Species and Habitats. [On-line]. Available from http://www.ukbap.org.uk/NewPriorityList.aspx.
[3] http://www.barnsleybiodiversity.org.uk/
[4] JNCC (1990). Handbook for Phase I Habitat Survey. Nature Conservancy Council.
[5] Institute of Ecology and Environmental Management (2006). *Guidelines for Baseline Ecological Assessment in the United Kingdom*. E & F.N. Spon, Chapman & Hall, London.

(such as SSSIs), or for undesignated features, the size, conservation status (locally, nationally or internationally), and the quality of the ecological resource. In terms of the latter, 'quality' can refer to habitats (for instance if they are particularly diverse, or a good example of a specific habitat type), other features (such as wildlife corridors or mosaics of habitats) or species populations or assemblages.

3. Policy and Legislation

Legislation

3.1. Specific habitats and species of relevance to the Site receive legal protection in the UK under various pieces of legislation, including:

- The Conservation of Habitats and Species Regulations 2010[6];
- The Wildlife and Countryside Act 1981 (as amended)[7];
- The Countryside and Rights of Way (CRoW) Act 2000[8]; and
- The Natural Environment and Rural Communities Act 2006[9].

3.2. Where relevant, this appraisal takes account of the legislative protection afforded to specific habitats and species.

Planning Policy

National

National Planning Policy Framework, Draft, 2011

3.3. A draft National Planning Policy Framework (NPPF)[10] was published on 25th July 2011. The consultation period ended on the 17th October 2011 and the documentation arising from this consultation is yet to be published. This document is intended to replace Planning Policy Statement 9 (PPS) as detailed below. This draft document however will be considered by local authorities as a material consideration when determining planning applications and appeals.

3.4. The main objective under the 'Natural Environment' section of the draft NPPF states that "planning should help to deliver a healthy natural environment for the benefit of everyone and safe places which promote wellbeing" and to achieve the objective the document states that the planning system should aim to conserve and enhance the natural and local environment by, *inter alia*

"Minimising impacts on biodiversity and providing net gains in biodiversity, where possible."

3.5. The document expands on the need to minimise impacts on biodiversity through policy as follows:

"Planning policies should:

- *take account of the need to plan for biodiversity at a landscape-scale across local authority boundaries;*
- *identify and map components of the local ecological networks, including: international, national and local sites of importance for biodiversity, and areas identified by local partnerships for habitat restoration or creation; and*
- *promote the preservation, restoration and re-creation of priority habitats, ecological networks and the recovery of priority species populations, linked to national and local targets and identify suitable indicators for monitoring biodiversity in the plan".*

[6] HMSO, 2010 'The Conservation of Habitats and Species Regulations'
[7] HMSO, 1981 'The Wildlife and Countryside Act (WCA) (as amended)
[8] HMSO, 2000, 'The Countryside and Rights of Way (CRoW) Act'
[9] ODPM, Natural Environment and Rural Communities Act (2006)
[10] ODPM, 2011 'National Planning Policy Framework, Draft, 2011'

3.6. NPPF also sets out five biodiversity principles which a local authority should apply when determining any planning application including the principle of refusing applications where significant harm cannot be avoided, mitigated or compensated for, encouraging opportunities to incorporate biodiversity in and around developments and refusing applications which would result in the loss or deterioration of irreplaceable habitats including ancient woodland unless the need for, and benefits of, the development in that location clearly outweigh the loss.

Planning Policy Statement 9, 2005

3.7. Planning Policy Statement 9 (PPS9)[11], Biodiversity and Geological Conservation, outlines the Government's national policies on the conservation of wildlife and natural features. PPS9 addresses development and wildlife issues outside these statutory sites and seeks to ensure that planning policies minimise any adverse effects on wildlife stating that "*Planning decisions should aim to maintain and enhance, restore or add to biodiversity*". Important natural habitats and networks of natural habitats are also protected and should be conserved and enhanced within development proposals. The guidance within PPS9 is a material planning consideration.

Biodiversity Action Plan

3.8. The UK Biodiversity Action Plan lists a number of priority habitats and species for conservation action in the UK. Although the Action Plan does not confer any statutory legal protection, in practice many of the species listed already receive statutory legal protection under UK and/or European legislation. In addition, there are some Priority Species and Habitats in the UK Biodiversity Action Plans which are also Species and Habitats of Principal Importance for the Conservation of Biodiversity under Section 74 of the CRoW Act 2000. This places a duty on government departments to have regard for these species and habitats when carrying out their functions.

3.9. As part of the action plan process, Local Biodiversity Action Plans must also be produced. The Site is covered by the Barnsley LBAP. This LBAP contains several Species Action Plans (SAPS) and Habitat Action Plans (HAPs). Those of relevance to Site include:

- HAP 17: Open Mosaic Habitats on Previously Developed Land;
- SAP 2: Bats.

[11] ODPM, 2005 'Planning Policy Statement 9: Biodiversity and Geological Conservation'

4. Results

Site Context

4.1. The extent of the application Site is defined in red on the habitat plan (**Figure 1**).

4.2. The Site itself is located within Fall Bank Industrial Estate and therefore is surrounded by industrial development to the north, east and west. To the south lies a railway, beyond which lies residential development. A well-worn public footpath is also present immediately adjacent to the western and southern Site boundaries.

Statutory Sites

4.3. The Site is not within 1.5km of any statutory designated nature conservation sites.

Non-statutory Sites

4.4. The Site itself is not within or adjacent to any non-statutory designated sites. However there are three Local Wildlife Sites (LWS) (formerly termed Natural Heritage Sites in Barnsley) within 1.5km of the Site and these have been detailed in Table 1.

Table 1: Non-statutory sites within 1.5km of the Site

Site Name	Designation	Distance from Site (km)	Description/Citation
Silkstone Fall Wood	LWS	800m west	A 62.36ha site comprising ancient woodland, coniferous plantation, mixed plantation, broadleaved plantation, semi-natural broad-leaved woodland, small watercourses of the Silkstone Beck and a pond. Brown hare is present here.
Hugset and Lowe Wood	LWS	1km north west	A 53.7ha site comprising ancient woodland, semi-natural woodland and coniferous plantation (corsican pine). Woodland invertebrates present including dingy skipper and white-letter hairstreak. Breeding birds of conservation concern including woodcock and turtle dove.
Falthwaite and Lowe Wood	LWS	1.4km south	A 53.7ha site comprising ancient woodland, semi-natural woodland, watercourses, arable fields, broad-leaved plantation, ponds and hedgerows. Great crested newt are reported at this Site.

Protected, BAP and Other Notable Species

4.5. Records of legally protected or otherwise notable species of flora and fauna within 1.5km of the Site were provided by BBRC. A summary of the most significant results is provided in Table 2 and full results are provided in **Appendix A.**

Table 2: Desk study records of flora and fauna within 1.5km of the Site

Species	Location	Protection/Status
Amphibians Great crested newt	No specific records of great crested newts were returned in the data search, however this species is known to be present at Falthwaite and Lowe Wood, located approximately 1.4km south of the Site.	Great crested newts are fully protected under The Conservation of Habitats and Species Regulations 2010 and the Wildlife and Countryside Act 1981 (as amended). All common amphibians receive partial protection under the Wildlife and Countryside Act 1981 (as amended). Great crested newt is listed on the UK BAP and Barnsley BAP.
Badgers	All four records are from 1981-1982. The closest record is from Hugset Wood located approximately 1km north west of the Site.	Badgers are protected at all times under the Protection of Badgers Act 1992 and under the Wildlife and Countryside Act 1981 (as amended).
Bats A single record of a noctule and common pipistrelle bat.	Noctule record from 1979 located approximately 1km west of the Site. Common pipistrelle record from 2006 located approximately 1km south east of the Site.	All bat species are fully protected under The Conservation of Habitats and Species Regulations 2010 and the Wildlife and Countryside Act 1981 (as amended). All bat species are listed on the Barnsley LBAP. Noctule is also listed on the UK BAP.
Birds Records include hobby (S1), tree pipit (UKBAP), cuckoo (UKBAP), yellowhammer (UKBAP), house sparrow (UKBAP), tree sparrow (UKBAP, LBAP), grey partridge	Records within 1.5km of the search area.	All breeding birds (with some exceptions for pest species) are protected under current UK legislation through the Wildlife and Countryside Act 1981, as amended. Schedule 1 (S1) Species of the

Species	Location	Protection/Status
(UKBAP, LBAP), wood warbler (UKBAP), lapwing (UKBAP) and skylark (UKBAP, LBAP).		Wildlife & Countryside Act, 1981, as amended are protected at all times. (UKBAP) – Bird species listed on the UKBAP (LBAP) – Bird species listed on the Barnsley BAP
Hedgehog Three records of hedgehog	Two records from 1983 and one from 1984, the closest being 1.5km north west from the Site	Hedgehog is listed on the UKBAP.
Invertebrates White letter hairstreak	One record from 1999, located within Hugset Wood LWS.	This invertebrate species receives partial protection under Schedule 5 of the Wildlife and Countryside Act 1981. White letter hairstreak is listed on the UKBAP.
Reptiles Adder.	Two records, one from 1988 and one 2009. The closest being 1.5km south west from the Site.	Adders receive partial protection under the Wildlife and Countryside Act 1981 (as amended). Adders are listed on the UK BAP.

Habitats

4.6. The following habitat types, described in more detail below, are present within the red line Site boundary:

- Amenity grassland;
- Bare ground;
- Buildings/built Structures;
- Hard standing;
- Ornamental planting;
- Scattered trees;
- Scrub; and
- Tall ruderal.

4.7. The habitat descriptions should be read in conjunction with **Figure 1**.

Amenity Grassland

4.8. There are several areas of amenity grassland within the Site boundary, notably a sloping verge to the west of Building 1, an area along the northern Site boundary and areas surrounding Building 2 and Building 3. Species recorded include fescue *Festuca sp*., dandelion *Taraxacum officinale*, ribwort plantain *Plantago lanceolata,* daffodil *Narcissus sp.,* snow drop *Galanthus sp.,* and common

nettle *Urtica dioica*. This habitat lacks any value for ecology and is therefore considered to be of **negligible** ecological value.

Bare Ground

4.9. Compacted hardcore covers the majority of the eastern section of the Site. Some ephemeral species were recorded growing through the hardcore; species include broad-leaved dock *Rumex obtusifolius* and ribwort plantain *Plantago lanceolata.* This habitat lacks any value for ecology and is therefore considered to be of **negligible** ecological value.

Buildings

4.10. Three buildings are present within the Site boundary (see **Figure 1, Appendix B**). These consist of a warehouse and office building (B1), a cylinder storage building (B2) and a substation (B3).

B1 – Warehouse and Office Building

4.11. B1 occupies a total area of 6,017m^2. The warehouse section of B1, comprises 5,566m^2, is single storey and steel framed, with metal sheeting walls and a corrugated asbestos roof. The remaining area of B1 comprises the office section located at the northern end. The office section is predominantly single storey, brick built and flat roofed. The only section which is two storey is the room adjacent to the main entrance.

B2 –Cylinder Storage Building

4.12. This building is single storey and constructed from brick with a flat roof. Adjacent to this building are redundant fuel tanks, brick bunds and a fuel pump.

B3 – Substation

4.13. This building is single storey and constructed from metal with a flat roof.

4.14. The buildings are not considered to offer any opportunities for roosting bats or other wildlife and therefore are considered to be of **negligible** ecological value.

Hard Standing

4.15. Hard standing is present at the Site providing vehicular access and car park areas. This habitat lacks any value for ecology and is therefore considered to be of **negligible** ecological value.

Ornamental Planting

4.16. There are several small areas of ornamental planting located in the north of the Site. Species recorded include cherry laurel *Prunus laurocerasus,* cotoneaster *cotoneaster sp.,* and privet *Ligustrum sp.*

4.17. The ornamental habitat areas within the Site boundary are small in area and isolated from other habitats, offering limited foraging opportunities for common invertebrate and bird species. Therefore it is considered that this habitat is of value **within the Site boundary only**.

Scattered Trees

4.18. Numerous trees are scattered around the periphery of the Site. Species recorded include hawthorn *Crataegus monogyna*, crack willow *Salix fragilis*, cherry *Prunus* sp., Japanese maple *acer*

palmatum and oak *Quercus sp.* These trees are likely to provide opportunities for common bird and invertebrate species and as such it is considered that this habitat is of value **within the boundary of the Site only.**

4.19. All of the trees on Site were assessed as having **negligible** potential to support roosting bats (see bat section below).

Scrub

4.20. An area of scrub dominated by bramble *Rubus fruticosus* is present in the south of the Site adjacent to the boundary.

4.21. This habitat is likely to provide opportunities for common bird and invertebrate species and as such it is considered that this habitat is of value **within the boundary of the Site only.**

Tall Ruderal

4.22. Tall ruderal habitat is present along the southern and eastern Site boundaries. The aggregate pile (TN1) present in the south of the Site is also vegetated by tall ruderal species. The majority of this habitat along the eastern Site boundary appeared to have been recently cut. Species recorded include teasel *Dipsacus fullonum*, round-leaved cranesbill *Geranium rotundifolium*, dandelion *Taraxacum officinale*, weld *Reseda luteola*, ribwort plantain *Plantago lanceolata* and broad-leaved dock *Rumex obtusifolius*.

4.23. This habitat is likely to provide opportunities for common reptile and invertebrate species and as such it is considered that this habitat is of value **within the boundary of the Site only.**

Fauna

Amphibians

4.24. Great crested newts *Triturus cristatus* are known to be present at Falthwaite and Lowe Wood, located approximately 1.4km south of the Site. No records of other amphibian species were received from the data search.

4.25. There are no waterbodies considered to have potential to support breeding populations of great crested newt on or within 500m of the Site.

4.26. The Site is therefore considered to be of **negligible** value in relation to amphibians and therefore they are not considered further in this report.

Badgers

4.27. No badger *Meles meles* setts were found to be present on the Site and no signs of badger were recorded. Several holes were noted within the vegetated aggregate pile (TN1) located in the south of the Site, however these were attributed to rabbit.

4.28. Owing to the density of the scrub adjacent to the southern Site boundary a thorough search for badgers could not be undertaken, however given the absent of mammal runs into this habitat it is considered unlikely that a badger sett would be present.

4.29. The Site offers limited suitable foraging habitat for the species. The Site is therefore considered to be of **negligible** value to badgers.

Bats

4.30. Two records of bats were returned from the data search which are summarised in Table 2.

4.31. The buildings were viewed externally and assessed against the Bat Conservation Trust Guidelines (BCT, 2007)[12] for their potential to support roosting bats. Building B1 was also viewed internally, whereas no access was available into Buildings B2 and B3. All buildings lack bat roosting features and as such have been identified as having **negligible** potential to support bat roosts.

4.32. As previously stated none of the trees present within the Site boundary have potential to support roosting bats. This was due to their lack of maturity and/or absence of bat roosting features such as woodpecker holes and cavities. Therefore the trees on Site are considered to have **negligible** bat roosting potential.

4.33. The scattered trees and ornamental planting located within the Site boundary offer limited opportunities for foraging and commuting bats due to these areas being relatively small and sparse. The scrub and adjacent tree line along the southern Site boundary is considered to provide some opportunity for commuting and foraging bats, given the linear nature of this landscape feature.

4.34. As such it is currently considered that the Site is of value, albeit limited to the southern Site boundary, **within the boundary of the Site** only for bats.

Birds

4.35. There are numerous records of bird species within 1.5km of the Site as detailed in Table 2.

4.36. At the time of survey two collared doves *Streptopelia decaocto* and a great tit *Parus major* were observed within the scattered trees around the periphery of the Site. In addition four crows *Corvus corone* were observed upon the compacted aggregate.

4.37. The scattered trees have potential to support nesting birds during the breeding season (March-August inclusive). However given the limited habitats of value to birds on Site, it is unlikely that any large or notable bird populations would be present. It is therefore considered that the Site is of value **within the boundary of the Site only** to nesting birds.

Hedgehog

4.38. Two records of hedgehog *Erinaceus europaeus* were returned from the data search which are summarised in Table 2.

4.39. It is considered unlikely that this species would be present on Site given the limited suitable habitats available for this species. The Site is therefore considered to be of **negligible** value to hedgehogs.

Invertebrates

4.40. The only notable invertebrate record returned from the data search was a single record of white letter hairstreak *Satyrium w-album* as detailed in Table 2. This species is associated with elm trees and therefore due to the absence of this tree species at Site it is not considered that white letter hairstreak would to be present.

[12] Bat Conservation Trust (2007) Bat Surveys – Good Practice Guidelines. Bat Conservation Trust, London.

4.41. Due to the overall lack of flora species diversity in all habitats found within the Site boundary, it is considered unlikely that these habitats would support any rare or threatened species of invertebrate. The Site is therefore considered to be of **negligible** value in relation to invertebrates. However common invertebrate species are considered to be present on Site.

Reptiles

4.42. Two records of adders were returned from the data search which are summarised in Table 2.

4.43. The tall ruderal habitat present along the southern and eastern Site boundaries along with the vegetated aggregate pile (TN1) is considered to provide potential habitat for reptile species. The Site is therefore considered to be of ecological value to reptiles **within the boundary of the Site only**.

Other Protected/Notable Species

4.44. The habitats present on Site are not considered suitable for any other protected or notable species.

5. Potential Impacts and Recommendations

Site Proposals

5.1. The development proposals involve the refurbishment of main warehouse building (B1), along with re-surfacing works.

Consultation

5.2. The scope of the recommended further survey work (detail below) has been agreed with Trevor Mayne (Biodiversity Officer) at Barnsley Metropolitan Borough Council.

Designated/Non-Statutory Sites

5.3. It is considered that there would be no impacts on statutory or non-statutory sites during the construction phase, given the separation and distance of these sites from the application Site by surrounding urban development and infrastructure.

5.4. Any works to be carried out should be done according to British Standards and Best Practice Guidelines with regard to ecology.

Habitats

5.5. The majority of the Site consists of hard standing, bare ground and buildings with limited areas of vegetation. The habitats present on Site consist of species that are well represented locally.

5.6. Development proposals should seek to protect and enhance biodiversity. The following recommendations and enhancements at the Site should be considered to retain and increase the ecological value of the Site:

- Retention of trees, where possible, to retain their value to local fauna;
- Enhancement of the habitat areas currently present within the Site boundary. This could be achieved by additional planting along the Site boundary to enhance the Site's vegetation cover; and
- Use of native species or species of benefit to wildlife within the proposed landscape scheme to provide foraging opportunities for birds, bats, invertebrates and other wildlife.

Fauna

Bats

5.7. All buildings on Site have been identified as having **negligible** potential to support bat roosts. Best practice guidelines (BCT, 2007) state that buildings with negligible potential for bats do not require further survey.

5.8. The habitats present along the southern Site boundary could potentially offer landscape features for bats to commute along, as such it is recommended that any lighting proposed within this area of the Site is downward facing.

5.9. There are opportunities to provide enhanced roosting opportunities for bats by the placement of bat boxes within the new development. The use of native plants species within any new landscaping areas, as recommended above, would provide additional foraging habitat for bats.

5.10. Provided that the above recommendations are followed it is considered that bats would not be impacted by the proposed development and therefore no further survey work is recommended.

Birds

5.11. The scattered trees on Site provide potential habitat for common nesting bird species. Any tree works should be undertaken outside of the breeding bird season (March to August inclusive), unless a prior survey by an ecologist confirms no active nests would be affected. Should evidence of nesting birds be discovered then clearance of the feature containing the nest and its immediate surroundings would need to cease until nesting activities are complete.

5.12. Opportunities to enhance the Site for birds should be incorporated into development proposals to increase the value of the Site for bird species. Simple measures include provision of artificial nest sites upon buildings and trees. The use of native plants species as recommended above would provide additional foraging habitat for birds.

Invertebrates

5.13. Common species of invertebrates are considered to utilise the Site.

5.14. Enhancement features for invertebrates should be incorporated into the development, where possible, such as the provision of native plant species to create foraging opportunities within the proposed landscape plan.

Reptiles

5.15. The Site supports potential reptile habitat, notably the tall ruderal habitat present along the southern and eastern Site boundaries along with the vegetated aggregate pile and potentially beneath the hard standing on site.

5.16. Common reptile species are protected against killing, injury and sale under section 9 of the Wildlife and Countryside Act 1981 (as amended).

5.17. Under current development proposals no works within or in close proximity to the potential reptile habitat identified at Site are proposed, for example to terrestrial habitat or removal of the existing hardstanding, as such reptiles are not considered to be impacted by the proposed development. Therefore no further survey in relation to reptiles is recommended. In addition no works compounds or vehicle route will be permitted within the terrestrial habitat.

5.18. If development proposals change and the potential reptile habitat on Site is considered to be impacted upon, a reptile presence/absence survey would be undertaken to determine if any reptiles are present. This survey would be undertaken in accordance with best practice guidelines[13] and would be timed when reptiles are active, either from April to May (inclusive) or in September. If reptiles are found on Site it is recommended that a detailed mitigation method statement is agreed with the local planning authority prior to the planning application being submitted. In addition, if full planning permission is granted, reptiles would need to be translocated to a receptor Site prior to construction activities being undertaken within suitable habitat.

[13] Froglife, (1999). Reptile Survey: an introduction to planning, conducting and interpreting surveys for snake and lizard conservation. Froglife Advice Sheet 10. Froglife, Halesworth

6. Conclusions

6.1. The majority of the Site comprises habitats of negligible ecological value such as hard standing, buildings, bare ground and amenity grassland.

6.2. All buildings on Site have been identified as having negligible potential to support roosting bats. The habitats present along the southern Site boundary have limited potential to be used by commuting bats, therefore it has been recommended that any proposed lighting within this area is downward facing.

6.3. The scattered trees on Site provide potential habitat for common nesting bird species and therefore it has been recommended that any tree works should be undertaken outside of the breeding bird season (March to August inclusive), unless a prior survey by an ecologist confirms no active nests would be affected.

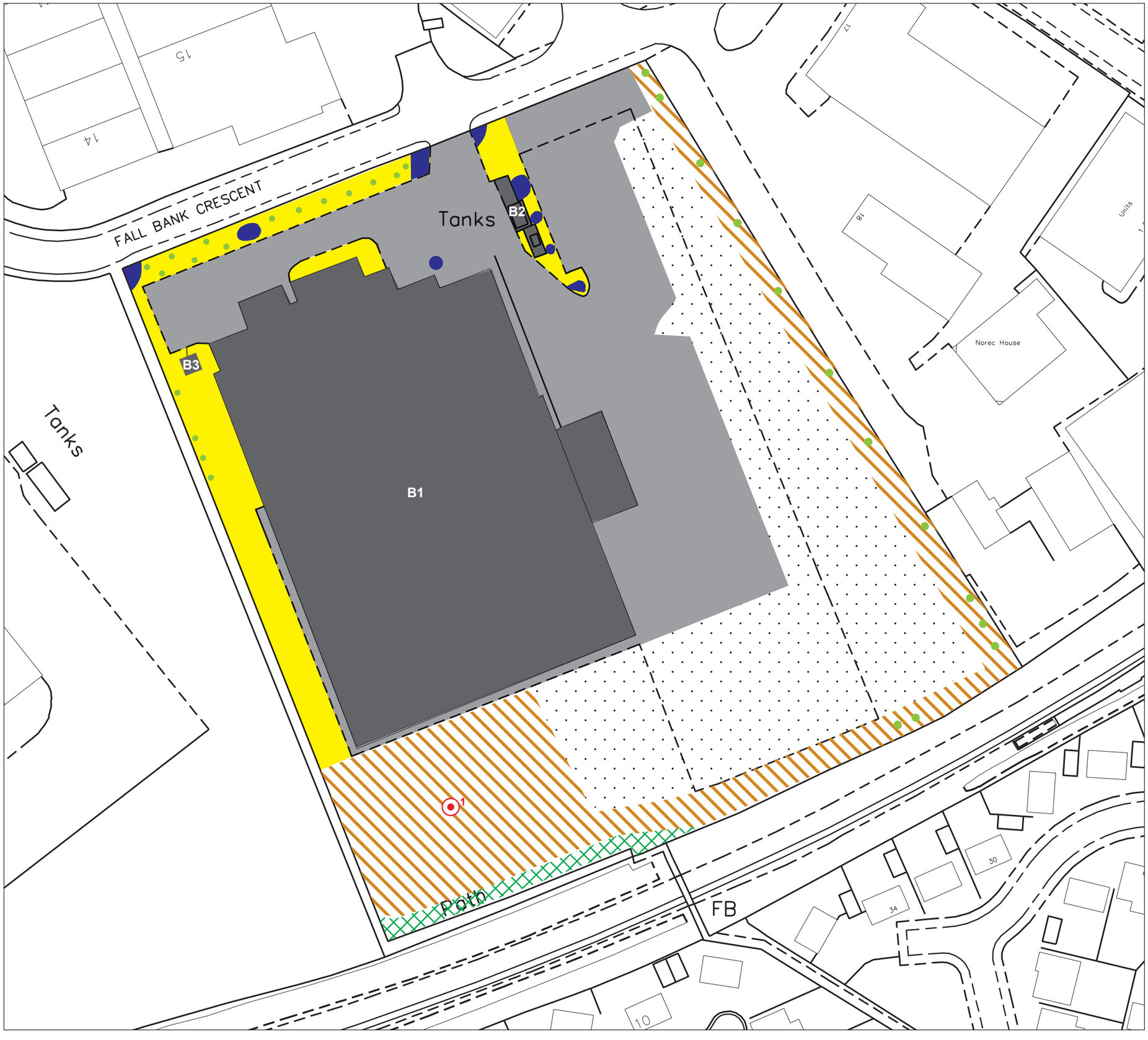
6.4. The Site has potential to support reptiles, however no impacts under current development proposals are anticipated within the potential reptile habitat on Site. As such no further reptile surveys have been recommended.

6.5. It is considered that, provided the appropriate recommendations within this report are followed, there is no reason why the Site cannot be developed in accordance with the relevant policy and legislation.

6.6. If there is a significant period of time (most local authorities consider this period to be 2 years) between this report and the proposed development, the ecological value of the Site habitats may change and could be subject to an update survey.

Figures

Figure 1: Habitat Features Plan - E12649-106_GR_EC_1A



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- Site Boundary
- Amenity Grassland
- Hard Standing
- Ornamental Planting
- Building Structure
- Bare Ground
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- Target Note

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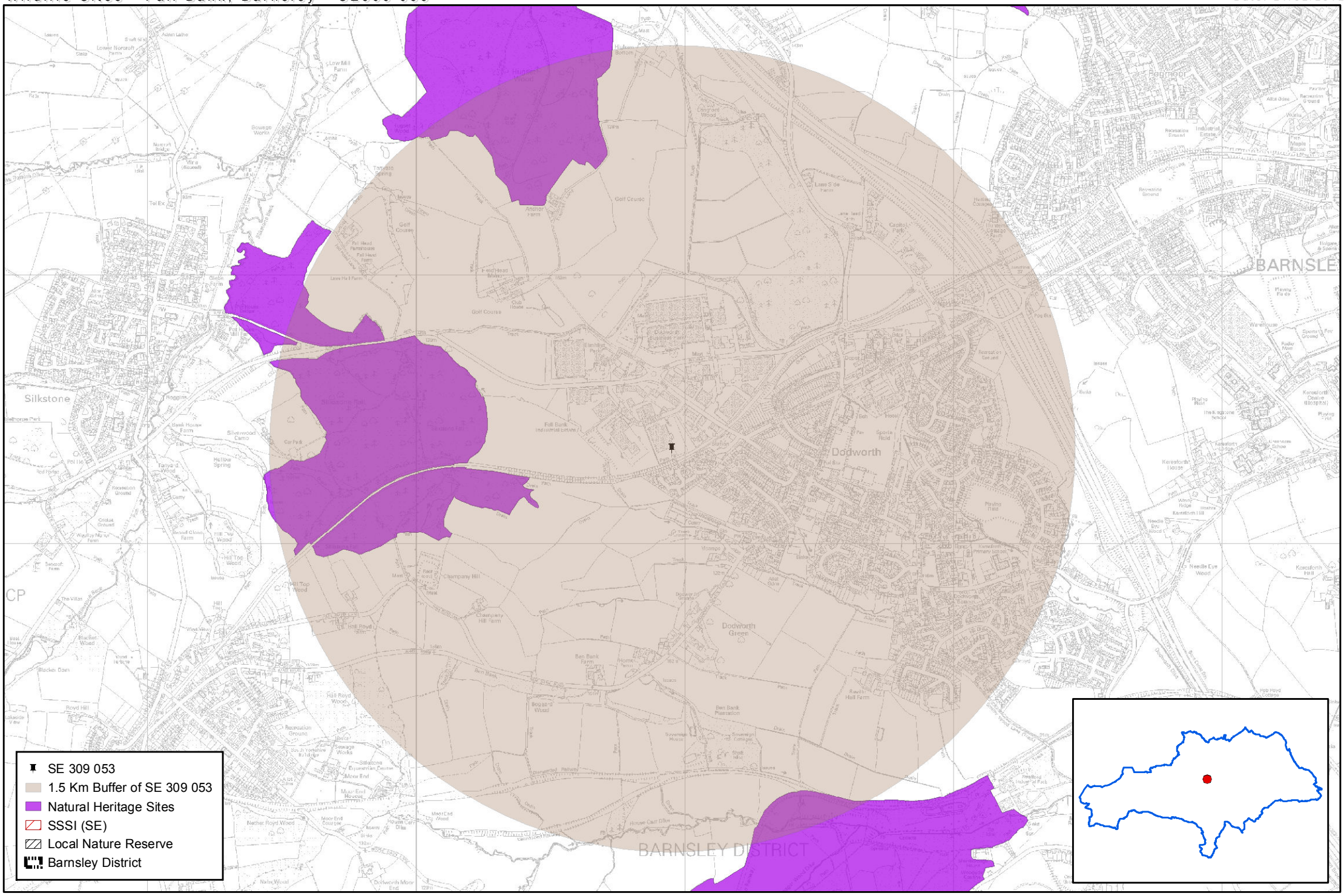
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APPENDICES

A. Ecological Data Search

Wildlife Sites - Fall Bank, Barnsley - SE309 053

Date: 21/02/2012



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Metres

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Sheffield Biological Records Centre

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name	BAP Species	Wildlife and Countryside Act and Badgers Act	Red and Amber birds	
SE3006		02/08/1999	Hugset Wood LWS	insect - butterfly	Satyrium w-album	White Letter Hairstreak	1	1	0	
SE298048	South-west of Silkstone Fall	29/07/1988	'BARNSLEY MBC'	reptile	Vipera berus	Adder	1	1	0	
SE2905		01/09/2009	Silkstone	reptile	Vipera berus	Adder	1	1	0	
SE2905		04/08/1979	Silkstone Fall Wood LWS	terrestrial mammal	Nyctalus noctula	Noctule	1	1	0	
SE3104	Stafford Walk Dodworth, Barnsley MDC	10/07/2006		terrestrial mammal	Pipistrellus pipistrellus	Pipistrelle	1	1	0	
SE3006	SE30D-1	20/08/2009	'BARNSLEY MBC'	bird	Falco subbuteo	Hobby	0	1	0	
SE3006	Hugsett Wood	01/04/1981	'BARNSLEY MBC'	terrestrial mammal	Meles meles	Badger	0	1	0	
SE3006	Hugset Wood	05/04/1981	'BARNSLEY MBC'	terrestrial mammal	Meles meles	Badger	0	1	0	
SE3006	Hugset Wood	17/04/1981	'BARNSLEY MBC'	terrestrial mammal	Meles meles	Badger	0	1	0	
SE2905	Silkstone Village	14/09/1982	'BARNSLEY MBC'	terrestrial mammal	Meles meles	Badger	0	1	0	
SE2905		11/06/1989	Silkstone Fall Wood	bird	Anthus trivialis	Tree Pipit	1	0	1	
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Cuculus canorus	Cuckoo	1	0	1	
SE313039		01/06/1993	Falthwaite Bottoms	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE305048		01/03/1998	Dodworth	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Emberiza citrinella	Yellowhammer	1	0	1	
SE305048		01/03/1998	Dodworth	bird	Passer domesticus	House Sparrow	1	0	1	
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE318050	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE317051	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE318048	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Passer domesticus	House Sparrow	1	0	1	
SE30C		01/04/1988	BTO, Barnsley	bird	Passer montanus	Tree Sparrow	1	0	1	
SE302049		01/03/1998	Dodworth	bird	Passer montanus	Tree Sparrow	1	0	1	
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Passer montanus	Tree Sparrow	1	0	1	
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Perdix perdix	Grey Partridge	1	0	1	

SE2905		11/06/1989	Silkstone Fall Wood	bird	Phylloscopus sibilatrix	Wood Warbler	1	0	1
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Vanellus vanellus	Lapwing	1	0	1
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Vanellus vanellus	Lapwing	1	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Vanellus vanellus	Lapwing	1	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Vanellus vanellus	Lapwing	1	0	1
SE3105	Dodworth	17/04/1983	'BARNSLEY MBC'	terrestrial mammal	Erinaceus europaeus	Hedgehog	1	0	0
SE297058	Silkstone	10/07/1983	'BARNSLEY MBC'	terrestrial mammal	Erinaceus europaeus	Hedgehog	1	0	0
SE298056	Silkstone Golf Club	28/10/1984	'BARNSLEY MBC'	terrestrial mammal	Erinaceus europaeus	Hedgehog	1	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Alauda arvensis	Skylark	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Alauda arvensis	Skylark	0	0	1
SE2905		01/03/1999	Silkstone Fall	bird	Carduelis cannabina	Linnet	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Carduelis cannabina	Linnet	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Carduelis cannabina	Linnet	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Carduelis cannabina	Linnet	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Carduelis carduelis	Goldfinch	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Carduelis carduelis	Goldfinch	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Carduelis carduelis	Goldfinch	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Carduelis carduelis	Goldfinch	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Columba oenas	Stock Dove	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Columba oenas	Stock Dove	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Columba oenas	Stock Dove	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Delichon urbica	House Martin	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Delichon urbica	House Martin	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Dendrocopos minor	Lesser Spotted Woodpecker	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Hirundo rustica	Swallow	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Hirundo rustica	Swallow	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Hirundo rustica	Swallow	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Hirundo rustica	Swallow	0	0	1
SE3006	Higham	01/10/2011	Higham near Barnsley	bird	Hirundo rustica	Swallow	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Motacilla cinerea	Grey Wagtail	0	0	1
SE2905		09/04/1989	Silkstone Fall Wood	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus trochilus	Willow Warbler	0	0	1
SE307044		06/04/1998	Dodworth Green	bird	Picus viridis	Green Woodpecker	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Picus viridis	Green Woodpecker	0	0	1

SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Picus viridis	Green Woodpecker	0	0	1
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Prunella modularis	Dunnock	0	0	1
SE2905		11/06/1989	Silkstone Fall Wood	bird	Pyrrhula pyrrhula	Bullfinch	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Pyrrhula pyrrhula	Bullfinch	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Pyrrhula pyrrhula	Bullfinch	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Pyrrhula pyrrhula	Bullfinch	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Pyrrhula pyrrhula	Bullfinch	0	0	1
SE2905		09/04/1989	Silkstone Fall Wood	bird	Regulus regulus	Goldcrest	0	0	1
SE2905		11/06/1989	Silkstone Fall Wood	bird	Regulus regulus	Goldcrest	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Regulus regulus	Goldcrest	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Regulus regulus	Goldcrest	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Regulus regulus	Goldcrest	0	0	1
SE3006	SE30D-1	04/05/2006	'BARNSLEY MBC'	bird	Scolopax rusticola	Woodcock	0	0	1
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE318050	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE317051	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE318048	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Sturnus vulgaris	Starling	0	0	1
SE299041		25/02/1996	Silkstone Common	bird	Turdus merula	Blackbird	0	0	1
SE3105	our garden	28/05/2005	Dodworth	bird	Turdus merula	Common Blackbird	0	0	1
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1

SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE318050	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE317051	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE318048	Barnsley	27/01/2008	'BARNSLEY MBC'	bird	Turdus merula	Blackbird	0	0	1
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Turdus philomelos	Song Thrush	0	0	1
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Turdus viscivorus	Mistle Thrush	0	0	1
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Turdus viscivorus	Mistle Thrush	0	0	1
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Turdus viscivorus	Mistle Thrush	0	0	1
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Turdus viscivorus	Mistle Thrush	0	0	1
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Turdus viscivorus	Mistle Thrush	0	0	1
SE3006	Higham	01/03/2011	Higham near Barnsley	bird	Accipiter nisus	Sparrowhawk	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Aegithalos caudatus	Long-Tailed Tit	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Alectoris rufa	Red-Legged Partridge	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Anas platyrhynchos	Mallard	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Apus apus	Swift	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Apus apus	Swift	0	0	0
SE317058		31/03/2011	Dodworth	bird	Bombycilla garrulus	Waxwing	0	0	0
SE317058		01/04/2011	Dodworth	bird	Bombycilla garrulus	Waxwing	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Branta canadensis	Canada Goose	0	0	0
SE3006	Higham	01/03/2011	Higham near Barnsley	bird	Buteo buteo	Buzzard	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0

SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Carduelis chloris	Greenfinch	0	0	0
SE2905		09/04/1989	Silkstone Fall Wood	bird	Certhia familiaris	Treecreeper	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Certhia familiaris	Treecreeper	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Certhia familiaris	Treecreeper	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Certhia familiaris	Treecreeper	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Columba palumbus	Woodpigeon	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Corvus corone subsp. corone	Carrion Crow	0	0	0
SE314042		25/02/1996	Dodworth	bird	Corvus frugilegus	Rook	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Corvus frugilegus	Rook	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Corvus frugilegus	Rook	0	0	0
SE2905	SE20X-4	01/04/2010	'BARNSLEY MBC'	bird	Corvus frugilegus	Rook	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Corvus monedula	Jackdaw	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Corvus monedula	Jackdaw	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Corvus monedula	Jackdaw	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Corvus monedula	Jackdaw	0	0	0
SE2905		11/06/1989	Silkstone Fall Wood	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE305044		01/03/1998	Dodworth	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0

SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Dendrocopos major	Great Spotted Woodpecker	0	0	0
SE299041		25/02/1996	Silkstone Common	bird	Erithacus rubecula	Robin	0	0	0
SE303041		25/02/1996	Dodworth	bird	Erithacus rubecula	Robin	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Erithacus rubecula	Robin	0	0	0
SE302049		01/03/1998	Dodworth	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Fringilla coelebs	Chaffinch	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Gallinula chloropus	Moorhen	0	0	0
SE2905		09/04/1989	Silkstone Fall Wood	bird	Garrulus glandarius	Jay	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Garrulus glandarius	Jay	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Garrulus glandarius	Jay	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Garrulus glandarius	Jay	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Motacilla alba subsp. yarrellii	Pied Wagtail	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Motacilla alba subsp. yarrellii	Pied Wagtail	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Parus ater	Coal Tit	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Parus ater	Coal Tit	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Parus ater	Coal Tit	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Parus ater	Coal Tit	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Parus ater	Coal Tit	0	0	0

SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Parus caeruleus	Blue Tit	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Parus major	Great Tit	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Phasianus colchicus	Pheasant	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Phasianus colchicus	Pheasant	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Phasianus colchicus	Pheasant	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Phasianus colchicus	Pheasant	0	0	0
SE2905		09/04/1989	Silkstone Fall Wood	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE3006	Higham	17/04/2011	Higham near Barnsley	bird	Phylloscopus collybita	Chiffchaff	0	0	0
SE299041		25/02/1996	Silkstone Common	bird	Pica pica	Magpie	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE3106	SE30D-3	29/05/2006	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0

SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Pica pica	Magpie	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Sitta europaea	Nuthatch	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Sitta europaea	Nuthatch	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Streptopelia decaocto	Collared Dove	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Streptopelia decaocto	Collared Dove	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Streptopelia decaocto	Collared Dove	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Streptopelia decaocto	Collared Dove	0	0	0
SE2905		09/04/1989	Silkstone Fall Wood	bird	Strix aluco	Tawny Owl	0	0	0
SE3006	SE30D-1	04/05/2006	'BARNSLEY MBC'	bird	Strix aluco	Tawny Owl	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Strix aluco	Tawny Owl	0	0	0
SE2905	SE20X-4	08/06/2007	'BARNSLEY MBC'	bird	Strix aluco	Tawny Owl	0	0	0
SE3006	SE30D-1	15/04/2009	'BARNSLEY MBC'	bird	Strix aluco	Tawny Owl	0	0	0
SE2905		11/06/1989	Silkstone Fall Wood	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Sylvia atricapilla	Blackcap	0	0	0
SE3006	Higham	17/04/2011	Higham near Barnsley	bird	Sylvia atricapilla	Blackcap	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Sylvia borin	Garden Warbler	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Sylvia borin	Garden Warbler	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Sylvia communis	Common Whitethroat	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Sylvia curruca	Lesser Whitethroat	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Sylvia curruca	Lesser Whitethroat	0	0	0
SE3106	SE30D-3	27/04/2006	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3006	SE30D-1	27/04/2006	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3006	SE30D-1	29/05/2006	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE2905	SE20X-4	24/04/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE2905	SE20X-4	23/05/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3104	SE30C-3	26/05/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3105	SE30C-4	26/05/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3004	SE30C-1	26/05/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0
SE3005	SE30C-2	26/05/2007	'BARNSLEY MBC'	bird	Troglodytes troglodytes	Wren	0	0	0

SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Carex remota	Remote Sedge	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Carex remota	Remote Sedge	0	0	0
SE3005	Silkstone Fall Wood	24/07/1984	Silkstone Fall Wood LWS	flowering plant	Circaea lutetiana	Enchanter's-Nightshade	0	0	0
SE3005	Silkstone Fall Wood	24/07/1984	Silkstone Fall Wood LWS	flowering plant	Circaea lutetiana	Enchanter's-Nightshade	0	0	0
SE303041		25/02/1996	Dodworth	flowering plant	Crataegus monogyna	Hawthorn	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Epipactis helleborine	Broad-Leaved Helleborine	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Epipactis helleborine	Broad-Leaved Helleborine	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Fagus sylvatica	Beech	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Geum urbanum	Herb Bennet	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Ilex aquifolium	Holly	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Lamiastrum galeobdolon	Yellow Archangel	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Lamiastrum galeobdolon	Yellow Archangel	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Lathyrus linifolius	Bitter-Vetch	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Lathyrus linifolius	Bitter-Vetch	0	0	0
SE3106	waste ground	02/04/2011	Dodworth	flowering plant	Prunus spinosa	Blackthorn	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Rubus fruticosus agg.	Bramble	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Stachys officinalis	Betony	0	0	0
SE3005	Silkstone Fall Wood	24/07/1982	Silkstone Fall Wood LWS	flowering plant	Stachys officinalis	Betony	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Stachys sylvatica	Hedge Woundwort	0	0	0
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	flowering plant	Urtica dioica	Common Nettle	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - beetle (Coleoptera)	Adalia decempunctata	Ten-Spot Ladybird	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Amara plebeja	Amara plebeja	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Amara plebeja	Amara plebeja	0	0	0
SE3006	Hugset Wood, Barnsley	01/07/1996	Hugset Wood LWS	insect - beetle (Coleoptera)	Amischa analis	Amischa analis	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Anotylus tetracarinatus	Anotylus tetracarinatus	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Anotylus tetracarinatus	Anotylus tetracarinatus	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Bembidion aeneum	Bembidion aeneum	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Bembidion aeneum	Bembidion aeneum	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Bembidion guttula	Bembidion guttula	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Bembidion guttula	Bembidion guttula	0	0	0

SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Bruchidius villosus	Bruchidius villosus	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Bruchidius villosus	Bruchidius villosus	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - beetle (Coleoptera)	Calvia quattuordecimguttata	Cream-Spot Ladybird	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Cantharis nigricans	Cantharis nigricans	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Cantharis nigricans	Cantharis nigricans	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - beetle (Coleoptera)	Coccinella septempunctata	Seven-Spot Ladybird	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Lesteva longoelytrata	Lesteva longoelytrata	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Lesteva longoelytrata	Lesteva longoelytrata	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Oxypoda amoena	Oxypoda amoena	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Oxypoda amoena	Oxypoda amoena	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Platystethus cornutus	Platystethus cornutus	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Platystethus cornutus	Platystethus cornutus	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Stenus canaliculatus	Stenus canaliculatus	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Stenus canaliculatus	Stenus canaliculatus	0	0	0
SE312042	Silkstone	20/05/1989		insect - beetle (Coleoptera)	Stenus clavicornis	Stenus clavicornis	0	0	0
SE312042		20/05/1989	Ben Bank Plantation	insect - beetle (Coleoptera)	Stenus clavicornis	Stenus clavicornis	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - earwig (Dermaptera)	Forficula auricularia	Common Earwig	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - moth	Phyllonorycter maestingella	Phyllonorycter maestingella	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - moth	Stigmella aurella	Stigmella aurella	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Acanthosoma haemorrhoidale	Hawthorn Shieldbug	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Anthocoris nemorum	Common Flower Bug	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Dicyphus stachydis	Dicyphus stachydis	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Elasmostethus interstinctus	Elasmostethus interstinctus	0	0	0

SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Kleidocerys resedae	Kleidocerys resedae	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Stenodema laevigatum	Stenodema laevigatum	0	0	0
SE3006		21/07/1985	Hugset Wood LWS	insect - true fly (Diptera)	Callicera aurata	Callicera aurata	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true fly (Diptera)	Dasineura urticae	Dasineura urticae	0	0	0
SE3006	Hugset Wood	06/08/1989	Hugset Wood LWS	insect - true fly (Diptera)	Dolichopus festivus	Dolichopus festivus	0	0	0
SE3106		25/06/2011	Dodworth	insect - true fly (Diptera)	Fannia armata	Fannia armata	0	0	0
SE3106	wasteground	27/08/2011	Dodworth	insect - true fly (Diptera)	Helina lasiophthalma	Helina lasiophthalma	0	0	0
SE3106	wasteground	27/08/2011	Dodworth	insect - true fly (Diptera)	Heteronychia dissimilis	Heteronychia dissimilis	0	0	0
SE3106	wasteground	10/08/2011	Dodworth	insect - true fly (Diptera)	Hydrotaea ignava	Hydrotaea ignava	0	0	0
SE3006		24/05/1994	Hugset Wood LWS	insect - true fly (Diptera)	Melangyna triangulifera	Melangyna triangulifera	0	0	0
SE3106		07/05/2011	Dodworth	insect - true fly (Diptera)	Pales pavida	Pales pavida	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true fly (Diptera)	Phytomyza ilicis	Holly Leaf Gall Fly	0	0	0
SE3106		27/08/2011	Dodworth	insect - true fly (Diptera)	Ramonda latifrons	Ramonda latifrons	0	0	0
SE3106	wasteground	10/08/2011	Dodworth	insect - true fly (Diptera)	Thyrsocnema incisilobata	Thyrsocnema incisilobata	0	0	0
SE3005		21/03/2007	Silkstone Fall Wood LWS	liverwort	Calypogeia arguta	Calypogeia arguta	0	0	0
SE3005		21/03/2007	Silkstone Fall Wood LWS	liverwort	Calypogeia muelleriana	Calypogeia muelleriana	0	0	0
SE3005		21/03/2007	Silkstone Fall Wood LWS	liverwort	Cephalozia bicuspidata	Cephalozia bicuspidata	0	0	0
SE3105		21/03/2007	Dodworth	liverwort	Lophocolea bidentata	Lophocolea bidentata	0	0	0
SE3005		21/03/2007	Silkstone Fall Wood LWS	liverwort	Lophocolea heterophylla	Lophocolea heterophylla	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	millipede	Blaniulus guttulatus	Spotted Snake Millipede	0	0	0
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	mollusc	Deroceras reticulatum	Netted Slug	0	0	0
SE3105		21/03/2007	Dodworth	moss	Amblystegium serpens	Amblystegium serpens	0	0	0
SE3005		21/03/2007	Silkstone Fall Wood LWS	moss	Atrichum undulatum	Common Smoothcap	0	0	0
SE3105		21/03/2007	Dodworth	moss	Aulacomnium androgynum	Bud-headed Groove-moss	0	0	0
SE3105		21/03/2007	Dodworth	moss	Aulacomnium palustre	Bog Groove-moss	0	0	0
SE3105		21/03/2007	Dodworth	moss	Barbula convoluta	Lesser Bird's-claw Beard-moss	0	0	0
SE3105		21/03/2007	Dodworth	moss	Barbula cylindrica	Barbula cylindrica	0	0	0
SE3105		21/03/2007	Dodworth	moss	Barbula hornschuchiana	Barbula hornschuchiana	0	0	0

SE3105	21/03/2007	Dodworth	moss	Barbula unguiculata	Bird's-claw Beard-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Brachythecium albicans	Brachythecium albicans	0	0	0
SE3105	21/03/2007	Dodworth	moss	Brachythecium rutabulum	Brachythecium rutabulum	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Bryum argenteum	Silver-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Bryum capillare	Capillary Thread-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Bryum ruderale	Pea Bryum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Calliergon cuspidatum	Calliergon cuspidatum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Campylopus introflexus	Heath Star Moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Ceratodon purpureus	Redshank	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Dicranella heteromalla	Silky Forklet-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Dicranella staphylina	Dicranella staphylina	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Dicranoweisia cirrata	Common Pincushion	0	0	0
SE3105	21/03/2007	Dodworth	moss	Dicranum scoparium	Broom Fork-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Eurhynchium praelongum	Eurhynchium praelongum	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Fissidens bryoides	Lesser Pocket-moss	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Fissidens taxifolius	Common Pocket-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Funaria hygrometrica	Common Cord-moss	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Grimmia pulvinata	Grey-cushioned Grimmia	0	0	0
SE3105	21/03/2007	Dodworth	moss	Hypnum cupressiforme var. cupressiforme	Cypress-leaved Plait-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Hypnum jutlandicum	Hypnum jutlandicum	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Isopterygium elegans	Isopterygium elegans	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Mnium hornum	Swan's-neck Thyme-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Orthotrichum affine	Wood Bristle-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Orthotrichum anomalum	Anomalous Bristle-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Orthotrichum diaphanum	White-tipped Bristle-moss	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Plagiothecium succulentum	Plagiothecium succulentum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Plagiothecium undulatum	Plagiothecium undulatum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Pohlia nutans	Nodding Thread-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Polytrichum formosum	Bank Haircap	0	0	0
SE3105	21/03/2007	Dodworth	moss	Polytrichum juniperinum	Juniper Haircap	0	0	0
SE3105	21/03/2007	Dodworth	moss	Polytrichum piliferum	Bristly Haircap	0	0	0
SE3105	21/03/2007	Dodworth	moss	Pottia truncata	Pottia truncata	0	0	0
SE3105	21/03/2007	Dodworth	moss	Pseudoscleropodium purum	Pseudoscleropodium purum	0	0	0
SE3005	21/03/2007	Silkstone Fall Wood LWS	moss	Rhynchostegium confertum	Rhynchostegium confertum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Rhytidiadelphus squarrosus	Springy Turf-moss	0	0	0
SE3105	21/03/2007	Dodworth	moss	Schistidium apocarpum	Schistidium apocarpum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Thuidium tamariscinum	Thuidium tamariscinum	0	0	0
SE3105	21/03/2007	Dodworth	moss	Tortula muralis	Wall Screw-moss	0	0	0

SE3005		21/03/2007	Silkstone Fall Wood LWS	moss	Tortula ruralis	Tortula ruralis	0	0	0
SE3105		21/03/2007	Dodworth	moss	Ulota crispa var. norvegica	Ulota crispa var. norvegica	0	0	0
SE3006	Hugset Wood	17/04/1981		terrestrial mammal	Clethrionomys glareolus	Bank Vole	0	0	0
SE3006	Hugset Wood	17/04/1981		terrestrial mammal	Rattus norvegicus	Brown Rat	0	0	0
SE303041	Silkstone	25/02/1996	'BARNSLEY MBC'	terrestrial mammal	Talpa europaea	Mole	0	0	0
SE2905		06/11/2010	Noblethorpe Park Silkstone	insect - hymenopteran	Bathythrix prominens	Bathythrix prominens			
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - hymenopteran	Itoplectis alternans	Itoplectis alternans			
SE2905	Noblethorpe	06/11/2010	'BARNSLEY MBC'	insect - hymenopteran	Mesoleptus congener	Mesoleptus congener			
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - hymenopteran	Metallus gei	Metallus gei			
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - moth	Stigmella splendidissimella	Stigmella splendidissimella			
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true bug (Hemiptera)	Iassus lanio	Iassus lanio			
SE3106	waste ground	09/07/2011	Dodworth	insect - true fly (Diptera)	Acanthiophilus helianthi	Acanthiophilus helianthi			
SE2905	Noblethorpe p.r.o.w.	06/11/2010	'BARNSLEY MBC'	insect - true fly (Diptera)	Amauromyza labiatorum	Amauromyza labiatorum			
SE3106	wasteground	10/08/2011	Dodworth	insect - true fly (Diptera)	Angioneura acerba	Angioneura acerba			
SE3106	wasteground	25/09/2011	Dodworth	insect - true fly (Diptera)	Angioneura acerba	Angioneura acerba			
SE3106	waste ground	22/06/2011	Dodworth	insect - true fly (Diptera)	Anthomyia confusanea	Anthomyia confusanea			
SE3006	Hugset Wood	25/05/1989	Hugset Wood LWS	insect - true fly (Diptera)	Argyra vestita	Argyra vestita			
SE3106	wasteground	27/08/2011	Dodworth	insect - true fly (Diptera)	Coenosia albicornis	Coenosia albicornis			
SE3106	wasteground	25/09/2011	Dodworth	insect - true fly (Diptera)	Coenosia albicornis	Coenosia albicornis			
SE3106		22/06/2011	Dodworth	insect - true fly (Diptera)	Fannia corvina	Fannia corvina			
SE3106	wasteground	09/07/2011	Dodworth	insect - true fly (Diptera)	Loewia phaeoptera	Loewia phaeoptera			
SE3106	waste ground	02/04/2011	Dodworth	insect - true fly (Diptera)	Lypha dubia	Lypha dubia			
SE3106	wasteground	03/09/2011	Dodworth	insect - true fly (Diptera)	Mydaea ancilla	Mydaea ancilla			
SE3005		21/03/2007	Silkstone Fall Wood LWS	moss	Bryum bicolor	Bryum bicolor			

B. Target Notes

Target Note	Description
1	Vegetated aggregate heap which is considered to offer potential habitat for reptiles.

C. Photographs



Plate 1 – West facing view of the warehouse (B1)



Plate 2 – Cylinder Storage Building (B2)

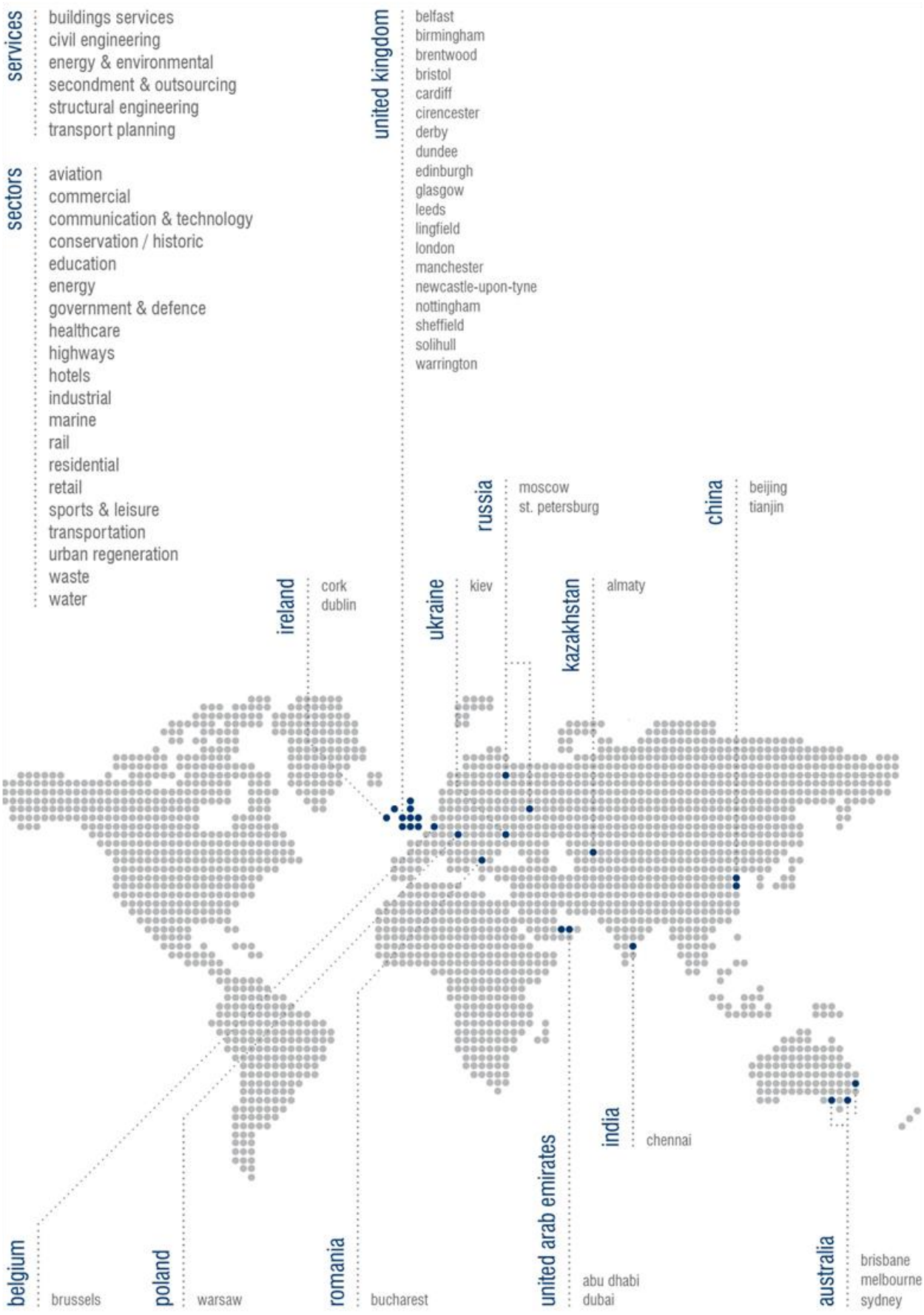


Plate 3 – Substation (B3)



Plate 4 – Vegetated aggregate heap (TN1)

waterman


services
buildings services
civil engineering
energy & environmental
secondment & outsourcing
structural engineering
transport planning
sectors
aviation
commercial
communication & technology
conservation / historic
education
energy
government & defence
healthcare
highways
hotels
industrial
marine
rail
residential
retail
sports & leisure
transportation
urban regeneration
waste
water
united kingdom
belfast
birmingham
brentwood
bristol
cardiff
cirencester
derby
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