

**ECOLOGICAL ASSESSMENT
OF LAND AT HAZELHURST FARM,
WORSLEY**

FINAL

JULY 2017

DOCUMENT CONTROL

TITLE: Ecological Assessment of Land at Hazelhurst Farm, Worsley
VERSION: Final
DATE: July 2017
ISSUED BY: Jackie Nicholson
CHECKED: John Pover
APPROVED BY: Dave Hughes

ISSUED TO: Becki Hinchliffe

Peel Holdings (Land and Property) Limited
Peel Dome
Trafford Centre
Trafford City
Manchester
M17 8PL

This report has been prepared by ESL with all reasonable skill, care and diligence, within the terms of the contract with the Client. The report is confidential to the Client. ESL accepts no responsibility of whatever nature to third parties to whom this report may be made known. No part of this document may be reproduced without the prior written approval of ESL.

Contents	Page
1 INTRODUCTION	1
2 DESK STUDY	1
2.1 METHODS	1
2.2 RESULTS	1
3 PHASE-1 HABITAT SURVEY	3
3.1 METHODS	3
3.2 RESULTS	3
3.3 ASSESSMENT	8
4 PROTECTED SPECIES	9
4.1 METHODS	9
4.2 RESULTS AND ASSESSMENT	10
5 RECOMMENDATIONS	11
6 REFERENCES	11
APPENDIX 1	13
APPENDIX 2	14
APPENDIX 3	17
FIGURES	
1 SITE LOCATION PLAN	
2 HABITAT MAP	

EXECUTIVE SUMMARY

ESL (Ecological Services) Limited was commissioned by Peel Holdings (Land and Property) Limited to carry out an ecological appraisal of land at Hazelhurst Farm, Worsley in order to inform a proposal to promote the site for housing allocation within the Greater Manchester Spatial Framework. The site comprises three arable fields divided by hedgerows and part of Wardley Wood, a broadleaved woodland with a stream and permanent and seasonal waterbodies. The survey was undertaken on 12 June 2017 by an experienced ecologist.

All habitats and plant communities recorded on site are common and widespread in a local and national context. None of the hedgerows qualifies as Important under the Hedgerow Regulations (1997), although all native hedgerows are S41 Habitats of Principal Importance, reflecting their ecological value. Several of the habitats on site are priority habitats in the Greater Manchester Biodiversity Action Plan, namely the lowland broadleaved woodland, hedgerows and ponds. Wardley Wood is also part of the Worsley Woods Site of Biological Interest (SBI).

There are ten waterbodies on site, all of which have potential to support great crested newts and other amphibians. The habitats on site provide opportunities for bats and nesting birds. The woodland and marshy areas provide habitat features that may be of importance to more specialist invertebrate groups. The site is considered to have negligible potential for water voles, otters and reptiles, and no evidence of use of the site by badgers was recorded.

Further survey work will be necessary to inform any development proposal and it is feasible that many of the more ecologically valuable habitats can be retained and incorporated into the masterplan. As this is likely to include habitat creation, improved amenity resource, the provision of footpaths, boardwalks, interpretation boards and seating, all under the auspices of a formal management plan, the sympathetic development of this site has the potential to deliver significant biodiversity gain. As things stand, there are unlikely to be any ecological constraints that are of sufficient magnitude that they could not be either avoided or be fully mitigated.

ECOLOGICAL ASSESSMENT OF LAND AT HAZELHURST FARM, WORSLEY

1 INTRODUCTION

- 1.1 ESL (Ecological Services) Limited has been commissioned by Peel Holdings (Land and Property) Limited to undertake an Ecological Assessment of a parcel of land at Hazelhurst Farm, Worsley. The information is required to inform proposed housing allocations within the Greater Manchester Spatial Framework. The proposed application site boundary is given as Figure 1.
- 1.2 This report describes the methods and findings of the survey, together with recommendations for further work where appropriate.
- 1.3 English names are used throughout the text and a full list of species recorded during the survey (with both English and scientific names) is given as Appendix 1. Where names of plants and animals not recorded on the site are used, the scientific name is also given in the text. Both English and scientific names of higher plants are given according to Stace (2010). For statutorily protected species recorded on or considered likely to use the site, a summary of the legal protection afforded to these species is given as Appendix 2.

2 DESK STUDY

2.1 METHODS

- 2.1.1 The Multi-Agency Geographic Information for the Countryside (MAGIC) website was consulted to obtain information pertaining to any internationally protected sites, any Sites of Special Scientific Interest (SSSI) or National Nature Reserves (NNR) within 5km of the site. Information was also sought on any Local Nature Reserves (LNR) within a 2km radius of the site. Greater Manchester Ecology Unit (GMEU) was asked to provide locations of any Sites of Biological Importance (SBI) within 2km and details of any protected species or Species of Principal Importance listed in Section 41 (S41) of the Natural Environment and Rural Communities (NERC) Act, 2006 (previously Biodiversity Action Plan (BAP) species), within 2km.

2.2 RESULTS

Designated Sites

- 2.2.1 The nearest site of international importance is **Manchester Mosses Special Area of Conservation (SAC)**, situated approximately 6km southwest of the site and designated for its raised bog habitats. There are two SSSIs within a 5km radius of the site. **Nob End SSSI** is situated 4.5km north of the site and is an area of calcareous grassland on a former industrial waste tip. **Ashclough SSSI**, also 4.5km to the north, is designated for its geological interest

only. **Worsley Wood LNR** is situated less than 500m west of the application area and supports woodland and open water.

2.2.2 The GMEU provided the following details of five SBIs situated within 2km of the site. Locations for these are given in Appendix 3.

- **Worsley Wood SBI** comprises a collection of woodlands/plantations, a reservoir and ponds. The SBI incorporates Worsley Wood LNR and Wardley Wood further east; this parcel of woodland falls within the western edge of the application boundary.
- **Alder Forest Marsh SBI.** Willow carr with associated areas of oak/birch woodland situated 1.6km to the south.
- **How Clough SBI.** Woodland of various ages situated in a shallow clough and along a disused railway 1.3km to the northwest.
- **Middle Wood SBI.** Mature plantation, a lake and grassland areas 1.4km to the southwest.
- **Walkden Reservoir SBI** is situated 1.5km to the northwest.

2.2.3 The site falls within Natural England's Natural Area 26 'The Urban Mersey Basin', which is characterised by large urban areas interspersed with both large and small semi-natural and regenerating habitats (woodland, wetland, grassland and wasteland). Watercourses of various types are frequent in this Natural Area.

Species

2.2.4 The GMEU provided two positive records of great crested newt *Triturus cristatus* in a pond within the application area in 1988. Records of absence of this species were provided for the same pond following surveys in 2011. Another pond within the site further north was also confirmed as negative for this species during the same survey work. Records for common toad *Bufo bufo*, an S41 listed species, were also provided from Wardley Moss 1.4km to the north. No records were provided for any reptile species.

2.2.5 The GMEU provided numerous records of bats within 2km of the site, 30 of which are roost records. These are mainly restricted to the residential areas of Swinton and Worsley, with only one close to the site (a pipistrelle *Pipistrellus* sp. roost in residential housing adjacent to the western edge of the woodland).

2.2.6 Water vole *Arvicola amphibius* has not been recently recorded near to the site, the most recent being from 1996 and 1998 for sightings approximately 0.5km west of the site in Kempnough Brook and Old Warke Dam. The GMEU holds no records for otter *Lutra lutra* within the area of search and only one historic record of badger *Meles meles*.

2.2.7 No records for birds were provided for the site or immediately adjacent areas but several records of S41-listed species came from the Worsley area, including dunnock *Prunella modularis*, song thrush *Turdus philomelos*, house sparrow *Passer domesticus* and bullfinch *Pyrrhula pyrrhula*. The full list of protected and notable species records provided by GMEU is given in Appendix 3.

3 PHASE-1 HABITAT SURVEY

3.1 METHODS

- 3.1.1 A walkover survey of the site was carried out by an experienced ecologist on 12 June 2017. All habitats and plant communities within the site were mapped and characterised by identifying the dominant and typical species, and notes were made on the adjacent land where views and access allowed.
- 3.1.2 Hedgerows in this area were assessed against the criteria for importance set out in the Hedgerow Regulations, 1997, and any plants on Schedule 9 (Part 2) of the Wildlife and Countryside Act, 1981 (and as amended), such as Japanese knotweed, were mapped. A list of plants and animals recorded on the site was compiled and is given as Appendix 1. Photographs are included throughout the text.
- 3.1.3 Prior to the site visit, a risk assessment was undertaken by the Project Manager in order to make all fieldworkers aware of any site-specific risks and of the required safe working methods. The assessment was updated as required during the course of the survey.
- 3.1.4 The survey was undertaken during an appropriate time of year for undertaking botanical and ecological appraisals, and the conditions on the day of the survey were fine and dry.

3.2 RESULTS

Site Location & Context

- 3.2.1 The application site (central grid reference SD 7587 0143) is situated on the east side of Worsley and is bound by the Manchester Outer Ring Road (M60) along the north-western boundary and the East Lancashire Road (A580) on its north-eastern boundary. Residential housing in Hazelhurst adjoins all the remaining parts of the site, with the exception of a small area in the east that adjoins an amenity playing field.

Habitats, Plant Communities and Plant Species

- 3.2.2 The habitats within the site comprise arable fields divided and bound by hedgerows and/or rough-grassland field-margins, broadleaved woodland, a stream, permanent and seasonal waterbodies, marshy grassland, rough grassland/tall herbs and scattered trees. The distribution of these habitats is shown on Figure 2.

Arable fields

- 3.2.3 The predominant habitat on the site is arable land covering three large fields (Photographs 1 and 2). The largest of these forms the northern half of the site, with two smaller fields forming the southern half; all were under wheat at the time of the survey.

Marshy grassland

- 3.2.4 A parcel of marshy land with natural springs in the north of the site has been excluded from cultivation and covers an area of approximately 1.4Ha. Bulrush, great willowherb, Indian balsam, creeping bent and creeping soft grass are abundant (Photograph 2). Compact, soft- and hard rush were also frequently recorded along with field horsetail, creeping thistle, floating sweet-grass and common feather-moss. Less frequent species include southern marsh-orchid, red campion, marsh woundwort and meadow vetchling.



Photograph 1. View west from south-eastern boundary.



Photograph 2. View to southeast from marshy grassland in northern field.

Rough grassland and tall herbs

- 3.2.5 An uncultivated area of land in the south of the site at the end of the hedgerow that divides the two arable fields also supports rough grassland and ruderals (Photograph 3). Frequently-recorded species here include Yorkshire-fog, creeping bent, false oat-grass and creeping buttercup with common ragwort, common vetch, cut-leaved crane's-bill and white clover.
- 3.2.6 Uncropped margins 1-4 metres wide are present along most of the filed boundaries. All support tall grasses and ruderals, and species common to all include false oat-grass, Yorkshire-fog, cock's-foot, creeping thistle, broad-leaved dock, common nettle and creeping buttercup (Photograph 4).
- 3.2.7 This habitat is also present in the drier areas of the uncropped parcel of land in the northern field and around a pylon in the northeast corner of the site.

Hedgerows

- 3.2.8 The hedgerow dividing the two arable fields in the south of the site (Photograph 3) is 2.5-3m high, comprises hawthorn with occasional elder, holly and ash, and has an understorey of bramble and dog rose. Approximately half way along, a gap in the hedgerow facilitates a well-used footpath from the residential estate to and from the woodland through the crop.



Photograph 3. View southeast down eastern side of hedgerow between arable fields.



Photograph 4. View south over rough grassland area in south of site.

- 3.2.9 The hedgerow separating the fields in the south from the larger field in the north has a footpath running contiguous with its northern side. The hedgerow is 2.5-3m high and is hawthorn-dominant with occasional elder and supports occasional sycamore standards.
- 3.2.10 A gappy and part-ornamental 2-3m high hedgerow forms the north-eastern boundary separating the site from Richmond Drive. It includes hawthorn, holly, ash saplings and occasional elder, apple, ornamental privet and butterfly-bush.
- 3.2.11 Mature hawthorn hedgerows also front the edges of the woodland in the west of the site.

Trees and scrub

- 3.2.12 Semi-mature sycamore, silver birch, pedunculate oak and cherry are present within the marshy area in the north of the site, along with mature grey willow, wayfaring tree and bramble scrub. Elsewhere, trees and scrub are restricted to field boundaries and comprise sycamore, elder, ash, pedunculate oak, hawthorn and willow. Japanese knotweed was noted within the scattered scrub along the site's northern boundary.

Broadleaf Woodland

- 3.2.13 Wardley Wood, along the western edge of the site, is a mature woodland with a network of footpaths throughout, including the Salford Way. The woodland supports a variety of deciduous species including silver birch, beech, pedunculate oak, horse-chestnut, sweet chestnut, ash and sycamore, with an understorey of holly, bramble, self-set saplings and rhododendron. Wetter areas of the woodland support frequent alder and grey willow. The ground flora includes bluebell, wood avens, ground-ivy, common feather-moss and frequent Indian balsam. Young stands of Japanese knotweed were also noted close to the Salford Way footpath in the north of the site.

Waterbodies

- 3.2.14 Ten waterbodies are present within the site boundary, some of which are seasonal and/or formed by natural springs.

- 3.2.15 **Waterbody 1** is a roughly oval pond in the north-western corner of Wardley Wood. The water level had receded, leaving bare mud in the margins. It is heavily shaded by surrounding trees and scrub including silver birch, alder, pedunculate oak and rhododendron, and there is no aquatic vegetation present (Photograph 5). A steep embankment up to the M60 is adjacent to the western bank.
- 3.2.16 **Waterbody 2** is a linear pond separated from Pond 1 by a narrow path. It is shaded to all sides by pedunculate oak, holly, bramble and rhododendron, and was only holding a shallow depth of water at the time of the survey. The banks and muddy margins support Indian balsam, remote sedge, wood avens and bramble.
- 3.2.17 **Waterbody 3** is a seasonal pond in Wardley Wood in a depression at the end of a shallow drain running through the woodland. The Salford Way path runs alongside the pond's eastern edge. It is shaded to all sides and does not support any aquatic vegetation (Photograph 6). The shallow banks and muddy margins support remote sedge, male fern, Indian balsam, bramble and young Japanese knotweed saplings.



Photograph 5. Waterbody 1 viewed to west.



Photograph 6. Waterbody 3 viewed to south.

- 3.2.18 **Waterbody 4** is a large pond at the eastern end of the shallow drain that connects to Waterbody 3. The pond is over-shaded by surrounding sycamore and oak trees, and aquatic vegetation is limited to common duckweed. Bankside vegetation comprises bramble, rhododendron scrub and much Indian balsam.
- 3.2.19 **Waterbody 5** is another large, over-shaded pond in the eastern part of Wardley Wood. Parts of this pond are very shallow with emergent willow scrub and submerged fallen branches, and a fallen tree is present at the western end. Aquatic vegetation comprised common water-starwort and common duckweed, and bankside vegetation comprised bramble, holly, rhododendron and Indian balsam. A steep embankment lies adjacent to the southern side of the pond, forming the edge of the woodland where it meets the arable field.
- 3.2.20 **Waterbody 6** is a large, shaded woodland pond close to the western boundary. This pond appears generally deeper than the other ponds as it lacked any muddy, bare margins

(Photograph 7). Bankside vegetation comprised mature trees, holly, bramble and beds of yellow iris. There is no aquatic vegetation present.

3.2.21 **Waterbody 7** is a large pond directly south of Pond 6 that at first appears to be two separate ponds, but is in fact connected by a narrow channel. It is over-shaded by ash, pedunculate oak silver birch and hawthorn, and has public footpaths in close proximity. There are several dilapidated wooden platforms close to the margins. The only vegetation recorded in the pond was yellow iris.

3.2.22 **Waterbody 8** is a seasonal marshy pond within a hollow surrounded by scattered scrub in the centre of the site, adjacent to the hedgerow that runs east to west separating the northern field from the two southern fields. At the time of survey, the pond was damp with extensive lesser pond-sedge throughout (Photograph 8) and patches of marginal soft-rush and great willowherb. Surrounding scattered scrub comprised elder, holly, bramble and hawthorn, with occasional young pedunculate oak and silver birch.



Photograph 7. Waterbody 6 viewed to east.



Photograph 8. Waterbody 8 viewed to east.

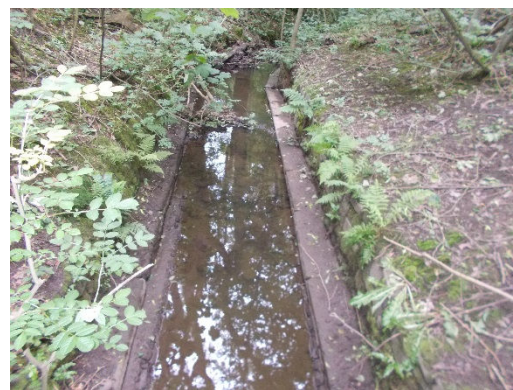
3.2.23 **Waterbody 9** is a series of small, shallow pools and channels formed by natural springs located within the parcel of marshy grassland and scattered scrub in the northern arable field. Bulrush, great willowherb and soft-rush were frequently-recorded emergent-species and common water-starwort was recorded in one of the more open pools.

Running water

3.2.24 A tributary of the Kempnough Brook traverses the northwest corner of Wardley Wood. It is shallow and heavily-shaded throughout. Most of the section flowing north to south is through a deep cutting and the banks support ferns, mosses, rhododendron and Indian balsam (Photograph 9). Much of the section flowing east to west has reinforcement to the lower reaches of both banks (Photograph 10). The brook enters and leaves the woodland via culverts and is also culverted in the south to accommodate a wide footbridge/bridleway.



Photograph 9. North to south flowing section of woodland brook.



Photograph 10. East to west flowing section of woodland brook.

Adjacent land

- 3.2.25 Wardley Wood continues beyond the site boundary to the southwest. Managed ornamental garden hedgerows comprising cherry laurel, Leyland cypress, ash, occasional holly and dogwood adjoin the south and south-eastern boundaries of the site.
- 3.2.26 A tree and scrub-lined footpath that includes Norway maple, sycamore, silver birch and hawthorn is located immediately adjacent to the eastern boundary with an amenity playing field beyond. At the southern end of this short footpath, a small pool from a natural spring has formed under the trees which supports a bed of yellow iris (Waterbody 10). Water from this spring runs down the Public Right of Way that continues on from the footpath and the ground underfoot is wet, boggy and very overgrown with dense bramble and tall ruderals.

3.3 ASSESSMENT

- 3.3.1 All habitats and plant communities recorded on site are common and widespread in a local and national context and no nationally rare, nationally scarce or Red Data plant species, defined by Wigginton (1999), Stewart, Pearman and Preston (1994) and Stroh *et al* (2014) respectively, or any Section 41 Principal Species of plant was recorded from the site.
- 3.3.2 None of the hedgerows qualifies as Important under the Hedgerow Regulations, 1997, although all native hedgerows are S41 Habitats of Principal Importance to reflect their ecological value. Several of the habitats on site are priority habitats in the Greater Manchester Biodiversity Action Plan, namely the lowland broadleaved woodland, hedgerows and ponds. The woodland within the site is also part of the Worsley Woods SBI.
- 3.3.3 Japanese knotweed, Indian balsam and rhododendron were all recorded within the application area. These invasive non-native species lower the conservation value of a site by restricting the growth of native species, contributing to bank erosion and increasing the likelihood of flooding. These species are listed under Schedule 9 to the Wildlife and Countryside Act, 1981

(and as amended) and as such, it is an offence to plant or otherwise cause these species to grow in the wild.

4 PROTECTED SPECIES

4.1 METHODS

Amphibians

- 4.1.1 OS maps and aerial imagery show seven ponds with habitat connectivity to the site. A search was made during the walkover for any recently created ponds on or adjacent to the site.

Reptiles

- 4.1.2 The habitats within the site and adjacent land were assessed for their potential to support reptiles. Suitable habitat comprises structurally-diverse vegetation and topography that provides shelter and supports good numbers of invertebrates.

Bats

- 4.1.3 All trees within the site were assessed for their potential to support roosting bats as per Bat Conservation Trust Guidelines (Collins, 2016). There are no buildings or other structures within the application site. The habitats within and adjacent to the site were assessed for their potential for use by bats (for commuting and foraging purposes).

Badgers

- 4.1.4 The site and immediately adjacent land was searched for signs of use by badgers, including setts, dung pits, pathways, hairs, footprints and feeding signs such as snuffle holes and scratched trees/logs.

Water Voles and Otters

- 4.1.5 The woodland brook was assessed for its potential use by water voles and otters, and any signs of activity such as latrines/spraint, paw-prints and feeding remains were searched for from the bank.

Birds

- 4.1.6 An assessment was made of the habitats on site for their potential to support breeding birds, particularly those listed on Schedule-1 of the Wildlife and Countryside Act, 1981 (and as amended). All bird species encountered during the survey, both using the site and adjacent land, were recorded.

Invertebrates

- 4.1.7 The site's habitats were generally assessed for potential use by invertebrates.

4.2 RESULTS AND ASSESSMENT

Amphibians

- 4.2.1 All of the waterbodies are considered to have potential to support great crested newts. The records provided by the GMEU from 1988 (presence) and 2011 (absence), both pertain to Waterbody 6.
- 4.2.2 The arable fields offer poor terrestrial habitat for amphibians but are not a barrier to movement between the ponds and local terrestrial habitats. Suitable terrestrial habitat within the site comprises the woodland, rough and marshy grassland, and hedgerows.

Reptiles

- 4.2.3 No reptiles were observed during the site walkover and most of the habitat on site is unsuitable for this group of species. The exception to this is the woodland, which has limited potential to support grass snake, although the relatively isolated nature of the site with residential areas to the east and south and main roads to the north and west does reduce the likelihood. In addition, there are no records of reptile sightings within a 2km radius of the site, despite the woodland being a designated SBI and having regular public access. As such, the biodiversity value of the site for this group of species is considered low.

Bats

- 4.2.4 Many of the trees in Wardley Wood have features suitable for use by roosting bats. Very few of the non-woodland trees scattered around the site are mature enough to be used by roosting bats, except for those in the northeast corner by the pylon, which have started to develop suitable features.
- 4.2.5 The arable fields offer poor habitat for foraging and commuting bats as they provide few acoustic markers for navigation and would expose most species to predation. Conversely, the hedgerows, marshy grassland area, woodland and woodland edge habitats on site all offer excellent opportunities for this purpose.

Badgers

- 4.2.6 No signs of badger activity were recorded anywhere on site. Whilst the woodland provides suitable habitat for badgers, the nearby residential areas, major roads and high levels of public disturbance may act as limiting factors to this species being present.

Water Voles and Otters

- 4.2.7 The woodland stream is heavily-shaded throughout and supports little to no aquatic or bankside vegetation. Parts of the brook are heavily reinforced and where this is absent, the bank strata comprises a high stone and rock content, which is likely to inhibit the digging of burrows. The brook is also isolated from other water courses by long culverts under major roads to the north

and west, and it is therefore considered not suitable for use by water voles or otters. In general, the site is considered of low biodiversity importance for these species.

Birds

- 4.2.8 Fourteen common and widespread species of bird were recorded on site during the survey (see Appendix 1). The site provides a good variety of habitats and a wide range of birds are likely to use the site. In addition, all of the habitats provide suitable nesting habitat for birds in season.

Invertebrates

- 4.2.9 Whilst the arable fields are very poor habitat for invertebrates, the woodland and marshy areas of the site in particular provide more of the intrinsic features associated with the more specialist invertebrate groups, such as dead and rotting wood and leaf litter, wetland flushes and ponds. These habitats are likely to be of at least moderate importance to invertebrates.

5 RECOMMENDATIONS

- 5.1 Further investigations would be required in order to identify any potential constraints and opportunities associated with development. These are likely to comprise:
- Surveys to establish the current status of great crested newts and other amphibians.
 - Bat activity surveys to determine any important foraging areas and movement corridors.
 - Breeding bird surveys to determine the species assemblage using the site and the importance of any habitats present.
 - An entomological assessment of the woodland and marshy habitats to evaluate their potential for any species or assemblages of importance.
- 5.2 The woodland, hedgerows, ponds and marshy grassland within the site are habitats of high conservation value and any future development of the site should be designed to retain these features as part of the scheme layout. All of these habitats would benefit from management works to enhance their ecological value, such as thinning out of woodland, reducing shading to the ponds, eradication of invasive non-native species, provision of bat and bird boxes, and gapping-up of hedgerows. These habitats can also be improved as amenity resources by the provision of footpaths, boardwalks, interpretation boards and seating.

6 REFERENCES

Collins J (ed.), 2016. *Bat Surveys for Professional Ecologists: Good Practice Guidelines, 3rd edition*. The Bat Conservation Trust, London.

Stace C. 2010. *New Flora of the British Isles*. 3rd Edition, CUP, Cambridge.

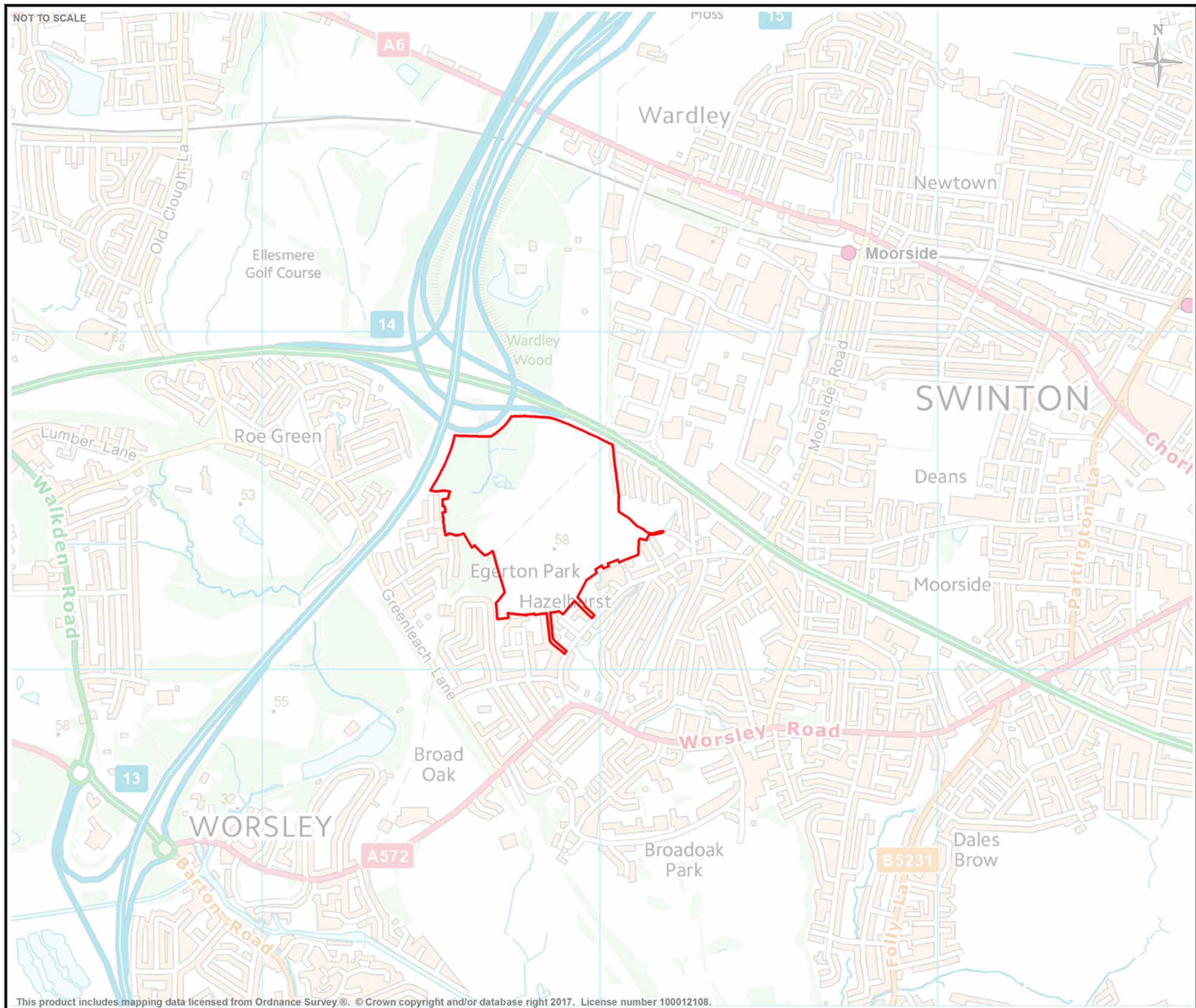
Stewart A, Pearman D A and Preston C D. 1994. Scarce Plants in Britain. JNCC, Peterborough.

Stroh, P A, Leach, S J, August, T A, Walker, K J, Pearman, D A, Rumsey, F J, Harrower, C A, Fay, M F, Martin, J P, Pankhurst, T, Preston, C D & Taylor, I. 2014. A Vascular Plant Red List for England. Botanical Society of Britain and Ireland, Bristol.

Wigginton M J. 1999. British Red Data Books. 1 Vascular Plants. 3rd edition. JNCC, Peterborough.

<http://magic.defra.gov.uk/MagicMap.aspx> - accessed 18/06/2017.

Key
Site boundary



SITE NAME:
Hazelhurst site, Worsley.

DRAWING TITLE:
Site location.

Figure 1
Dwg no.: PH19-1706-001 Date: Jun 2017



This product includes mapping data licensed from Ordnance Survey®. © Crown copyright and/or database right 2017. License number 100012108.

- Key**
- Tree
 - ✕ Scattered scrub
 - ◆ Japanese knotweed
 - Ⓐ Arable
 - ⌘ Marshy grassland
 - ⊠ Pylon
 -) (Footbridge
 - Site boundary
 - Intact hedgerow
 - Defunct hedgerow
 - Hedgerow with trees
 - Running water
 - Fence
 - Path through crop
 - ▲▲▲ Embankment
 - Rough grassland with tall herbs
 - Amenity grassland
 - Waterbody
 - ▨ Seasonal waterbody
 - Broadleaf woodland with areas of wet woodland
 - ▧ Dense scrub
 - ▩ Hard surface



SITE NAME:
Hazelhurst site, Worsley.

DRAWING TITLE:
Habitat map.

Figure 2
 Dwg no.: PH19-1706-002 Date: Jun 2017



Based on digital data provided by Peel. All rights reserved.

APPENDIX 1

SPECIES RECORDED ON LAND AT HAZELHUST FARM ON 12 JUNE 2017

SPECIES RECORDED AT HAZLEHURST FARM, WORSLEY ON 12 JUNE 2017

ENGLISH NAME	SCIENTIFIC NAME	DAFOR
PLANTS		
alder	<i>Alnus glutinosa</i>	O
annual meadow-grass	<i>Poa annua</i>	O
apple	<i>Malus pumila</i>	R
ash	<i>Fraxinus excelsior</i>	O
barren brome	<i>Anisantha sterilis</i>	O
beech	<i>Fagus sylvatica</i>	O
bittersweet	<i>Solanum dulcamara</i>	O
bluebell	<i>Hyacinthoides non-scripta</i>	O
bramble	<i>Rubus fruticosus</i>	F
broad buckler-fern	<i>Dryopteris dilatata</i>	O
broad-leaved dock	<i>Rumex obtusifolius</i>	F
bulrush	<i>Typha latifolia</i>	O
cherry	<i>Prunus sp</i>	O
cherry laurel	<i>Prunus laurocerasus</i>	O
cleavers	<i>Galium aparine</i>	F
cock's-foot	<i>Dactylis glomerata</i>	F
common bent	<i>Agrostis capillaris</i>	O
common couch	<i>Elytrigia repens</i>	O
common fumitory	<i>Fumaria officinalis</i>	R
common nettle	<i>Urtica dioica</i>	F
common ragwort	<i>Senecio jacobaea</i>	R
common vetch	<i>Vicia sativa</i>	O
common water-starwort	<i>Callitriche stagnalis</i>	R
compact rush	<i>Juncus conglomeratus</i>	O
cow parsley	<i>Anthriscus sylvestris</i>	O
crack-willow	<i>Salix fragilis</i>	R
creeping bent	<i>Agrostis stolonifera</i>	F
creeping buttercup	<i>Ranunculus repens</i>	F
creeping soft-grass	<i>Holcus mollis</i>	O
creeping thistle	<i>Cirsium arvense</i>	F
curled dock	<i>Rumex crispus</i>	O
cut-leaved crane's-bill	<i>Geranium dissectum</i>	R
dandelion	<i>Taraxacum sp</i>	O
dog-rose	<i>Rosa canina</i>	O
dogwood	<i>Cornus sanguinea</i>	R
downy birch	<i>Betula pubescens</i>	O
elder	<i>Sambucus nigra</i>	O
false oat-grass	<i>Arrhenatherum elatius</i>	F
field horsetail	<i>Equisetum arvense</i>	O
flowering currant	<i>Ribes sanguineum</i>	R
French cranes-bill	<i>Geranium endressii</i>	O
garden privet	<i>Ligustrum ovalifolium</i>	R
goat willow	<i>Salix caprea</i>	O
great willowherb	<i>Epilobium hirsutum</i>	F
ground-ivy	<i>Glechoma hederacea</i>	O
hard rush	<i>Juncus inflexus</i>	O
hawthorn	<i>Crataegus monogyna</i>	F
hazel	<i>Corylus avellana</i>	R
hedge bindweed	<i>Calystegia sepium</i>	O
herb-Robert	<i>Geranium robertianum</i>	O
hogweed	<i>Heracleum sphondylium</i>	O
holly	<i>Ilex aquifolium</i>	O
hornbeam	<i>Carpinus betulus</i>	O

ENGLISH NAME	SCIENTIFIC NAME	DAFOR
PLANTS cont...		
horse-chestnut	<i>Aesculus hippocastanum</i>	O
Indian balsam	<i>Impatiens glandulifera</i>	O
ivy	<i>Hedera helix</i>	O
Japanese knotweed	<i>Fallopia japonica</i>	O
knotgrass	<i>Polygonum aviculare</i>	O
lady-fern	<i>Athyrium filix-femina</i>	O
lesser pond-sedge	<i>Carex acutiformis</i>	O
male-fern	<i>Dryopteris filix-mas</i>	O
marsh woundwort	<i>Stachys palustris</i>	R
meadow buttercup	<i>Ranunculus acris</i>	R
meadow crane's-bill	<i>Geranium pratense</i>	R
meadow foxtail	<i>Alopecurus pratensis</i>	R
meadow vetchling	<i>Lathyrus pratensis</i>	R
Norway maple	<i>Acer platanoides</i>	O
pedunculate oak	<i>Quercus robur</i>	O
perennial rye-grass	<i>Lolium perenne</i>	R
ramsons	<i>Allium ursinum</i>	R
raspberry	<i>Rubus idaeus</i>	O
red campion	<i>Silene dioica</i>	O
reed canary-grass	<i>Phalaris arundinacea</i>	R
remote sedge	<i>Carex remota</i>	O
rhododendron	<i>Rhododendron ponticum</i>	O
ribwort plantain	<i>Plantago lanceolata</i>	O
rosebay willowherb	<i>Chamerion angustifolium</i>	R
rough meadow-grass	<i>Poa trivialis</i>	O
rowan	<i>Sorbus aucuparia</i>	R
silver birch	<i>Betula pendula</i>	O
small-leaved lime	<i>Tilia cordata</i>	O
soft-rush	<i>Juncus effusus</i>	O
southern marsh-orchid	<i>Dactylorhiza praetermissa</i>	R
spear thistle	<i>Cirsium vulgare</i>	O
sycamore	<i>Acer pseudoplatanus</i>	O
wayfaring-tree	<i>Viburnum lantana</i>	O
white clover	<i>Trifolium repens</i>	O
wild privet	<i>Ligustrum vulgare</i>	R
wood avens	<i>Geum urbanum</i>	F
yellow iris	<i>Iris pseudacorus</i>	O
Yorkshire-fog	<i>Holcus lanatus</i>	F

MOSSES

common feather-moss	<i>Kindbergia praelonga</i>	O
rough-stalked feather-moss	<i>Brachythecium rutabulum</i>	O
springy turf-moss	<i>Rhytidiadelphus squarrosus</i>	O

KEY TO DAFOR

(An estimate of plant relative abundance at a site)

D	Dominant
A	Abundant
F	Frequent
O	Occasional
R	Rare

ENGLISH NAME**SCIENTIFIC NAME****BIRDS**

Wren	<i>Troglodytes troglodytes</i>
Blackbird	<i>Turdus merula</i>
Magpie	<i>Pica pica</i>
Robin	<i>Erithacus rubecula</i>
Moorhen	<i>Gallinula chloropus</i>
Mallard	<i>Anas platyrhynchos</i>
Woodpigeon	<i>Columba palumbus</i>
Long-tailed tit	<i>Aegithalos caudatus</i>
Blue tit	<i>Cyanistes caeruleus</i>
Great tit	<i>Parus major</i>
Coal tit	<i>Pariparus ater</i>
Treecreeper	<i>Certhia familiaris</i>
Chaffinch	<i>Fringilla coelebs</i>
Carrion crow	<i>Corvus corone</i>

APPENDIX 2

SUMMARY OF LEGAL STATUS FOR RELEVANT SPECIES

1 GREAT CRESTED NEWT

1.1 In England, Scotland and Wales, great crested newts are fully protected under the Wildlife and Countryside Act 1981, as amended by the Countryside and Rights of Way (CRoW) Act 2000. They are also protected under European legislation, being included on Schedule 2 of the Conservation (Natural Habitats, &c.) Regulations 1994. Taken together, this legislation makes it illegal, *inter alia* to:

- intentionally or recklessly kill, injure or capture a great crested newt
- damage or destroy habitat which a great crested newt uses for shelter or protection
- deliberately disturb a great crested newt when it is occupying a place it uses for shelter and protection.

1.2 These provisions apply to all life-stages of protected animals, and in the case of amphibians, to both their terrestrial and aquatic habitats. Under certain very stringent conditions, activities which could otherwise give rise to an offence may be licensed by DEFRA.

2 BATS

2.1 In England, Scotland and Wales, all species of bats are fully protected under the Wildlife and Countryside Act 1981 and as amended, including by the Countryside and Rights of Way (CRoW) Act 2000. They are also protected by European legislation, being included on Schedule 2 of the Conservation (Natural Habitats, &c.) Regulations 1994. Taken together, this legislation makes it illegal, *inter alia* to:

- intentionally or recklessly kill, injure or capture a bat
- deliberately disturb a bat when it is occupying a roost
- damage, destroy or obstruct access to a bat roost

2.2 A bat roost is defined as being any structure or place that is used for shelter or protection, and since it may be in use only occasionally or at specific times of year, a roost retains such designation whether the bats are present or not.

3 BIRDS

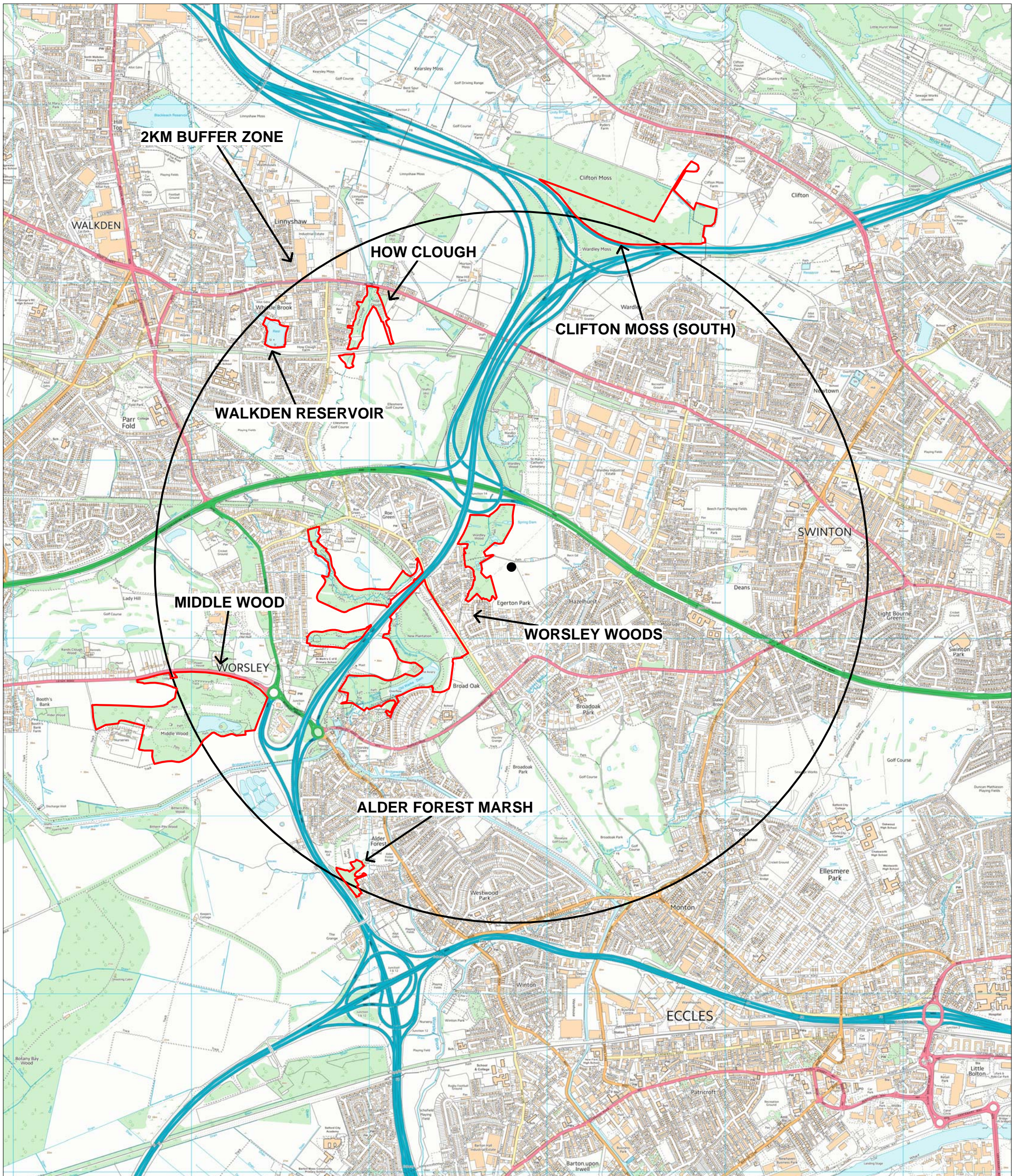
3.1 The Wildlife and Countryside Act (1981 and as amended) protects all wild birds and their nests and eggs. Under this Act it is an offence to:

- kill, injure or take any wild bird
- take, damage or destroy the nest of any wild bird while it is in use or being built
- take or destroy the egg of any wild bird.

- 3.2 Bird nesting sites are not themselves protected when not in use and the common species are not protected from disturbance whilst occupying their nest-sites. However, certain rare breeding birds, listed on Schedule 1 of the Act (e.g. barn owls), are also protected against disturbance whilst building a nest or on or near a nest containing eggs or young.

APPENDIX 3

DATA SEARCH RESULTS



KEY

SITE OF BIOLOGICAL IMPORTANCE

 **SBI BOUNDARY**

**GREATER MANCHESTER ECOLOGY UNIT
ECOLOGICAL SEARCH - SD758014
EGERTON PARK - MAP 1**

SCALE 1:20,000

THE MAP IS BASED UPON ORDNANCE SURVEY MATERIAL WITH
THE PERMISSION OF ORDNANCE SURVEY ON BEHALF OF THE
CONTROLLER OF HMSO ©CROWN COPYRIGHT
UNAUTHORISED REPRODUCTION INFRINGES CROWN COPYRIGHT
AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS

TAMESIDE MBC LICENCE NO LA100022697, 2017



**Greater Manchester
Ecology Unit**

Telephone 0161 342 3723
Email: gmeu@tameside.gov.uk

Date Produced: 04/05/2017

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Bat roosts					
Bat sp	SD74680091	St Marks school Aviary Road	01/06/2012	Present Roosting - Roost	bat droppings on external elevation planning app 13-63168-ful
Bat sp	SD7486400488	Worsley	04/03/2012	Present Roost - Roost	few thousand droppings found under a bridge on Canoe survey
Bat sp	SD750002	M28 2EB	10/05/2010	Present Roosting - Roost	Recorded as Myotis mystacinus/brandtii/alc
Brown Long-eared Bat	SD750001	Worsley	10/05/2010	1 Sex/Stage Not Recorded; Present Roost - Roost	1 in recessed areas of bridge under the Granary
Brown Long-eared Bat	SD750002	M28 2EB	10/05/2010	Present Roost - Roost	BCT Ref: C&L_M282EB_210610
Brown Long-eared Bat	SD750002	M28 2EB	10/05/2010	Present Roosting - Roost	
Brown Long-eared Bat	SD773015	Swinton	01/04/1999	1 Sex/Stage Not Recorded; Present Roost - Roost	roost at St. Peters Rd. Roof work done, bats in living area

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD745003	Bridgewater Canal, Worsley	23/08/2004	1 Sex/Stage Not Recorded; Present Roost - Roost	Small numbers
Common Pipistrelle	SD767027	M27 9RW	12/09/2010	20 Present; Present Roost - Roost	BCT Ref: C&L_M279RW_130910
Common Pipistrelle	SD767027	M27 9RW	12/09/2010	20 Roosting; Present Roosting - Roost	
Common Pipistrelle	SJ76779987	Eccles, Salford	14/07/2014	75 Sex/Stage Not Recorded; Present Roosting - Roo	M30 9NF Natural England Roost record
Common Pipistrelle	SJ76779987	Eccles, Salford	14/07/2014	75 Sex/Stage Not Recorded; Present Roosting - Roo	Count of 99 the previous week by residents. The roost has been present for at least nine years. Enfield Road, Eccles M30 9NF
Common Pipistrelle	SJ76779987	Dwelling M30 9NF, Manchester	14/07/2014	Present Roosting - Roost	(BCT C_L_M309NF_080714_Pp)

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Daubenton's Bat	SD745003	Bridgewater Canal, Worsley	23/08/2004	1 Sex/Stage Not Recorded; Present Roost - Hiberna	Small numbers
Daubenton's Bat	SD748004	Worsley	07/08/2014	41 Maternity Roost - Maternity Roost	Bats in Maternity colony
Daubenton's Bat	SD74840049	Worsley	16/06/2013	10 Sex/Stage Not Recorded; Present Roost - Roost	roost in the bridge
Daubenton's Bat	SD74840049	Worsley	02/06/2012	13 Sex/Stage Not Recorded; Present Roost - Roost	roost in the bridge
Daubenton's Bat	SD750001	Worsley	30/06/2014	1 Roosting; 2 Sex/Stage Not Recorded - Roost	Confirmed by Anabat
Daubenton's Bat	SD750001	Worsley	19/06/2014	1 Roosting; 1 Sex/Stage Not Recorded - Roost	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Daubenton's Bat	SD750001	Worsley	17/06/2014	1 Roosting; 2 Sex/Stage Not Recorded - Roost	
Pipistrelle sp	SD73990218	Mesne Lea CP School	15/07/2013	2 Roosting; Present Roosting - Roost	Building proposed for demolition
Pipistrelle sp	SD744013	Roe Green	29/07/1996	Present Roost - Roost	roost at Walkden Rd under fascia boarding. No bats present on visit
Pipistrelle sp	SD74860020	Manchester	09/07/2013	1 Sex/Stage Not Recorded; Present Roost - Roost	Post code M28 2PU Type of building Other ID method Record reference C&L_M282PU_090713_Psp
Pipistrelle sp	SD74860020	Worsley	09/07/2013	1 Sex/Stage Not Recorded; Present Roost - Roost	30 droppings under the roost, but there were hundreds under the tiles. Sylvan Court Day Nursey, Farm Lane, Worsley M28 2PU. 1 grounded baby was found inside building. The roost has been there for about three years.
Pipistrelle sp	SD74860020	M28 2PU, Manchester	09/07/2013	Present Roosting - Roost	Live bat identified in the hand (BCT C_L_M282PU_090713_Psp)
Pipistrelle sp	SD752004	Worsley, Broak Oak Park	21/06/1999	1 Possible Roost; 1 Adult - Roost	bat and droppings found in Sefton Drive but not roost, bat released

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD755015	Hazelhurst, Swinton	16/07/2002	4 Sex/Stage Not Recorded; Present Roost - Roost	roost at Sanderson Close - exclusion wanted
Pipistrelle sp	SD768029	Swinton Manchester	12/07/2007	23 Sex/Stage Not Recorded; Present Roost - Roost	Moss Bank Road Swinton manchester M27 9XB. Retained
Pipistrelle sp	SD770002	Hazelhurst, Swinton	06/05/1996	3 Adult; Present Roosting - Roost	roost at The Square. 4 present 1995
Pipistrelle sp	SD770002	Hazelhurst, Swinton	1995	4 Sex/Stage Not Recorded; Present Roost - Roost	roost at The Square. 4 present 1995
Pipistrelle sp	SD773015	Swinton	01/04/1999	Present Roosting - Roost	Roost at St. Peters Rd. Roof work done, bats in living area
Pipistrelle sp	SD773016	Swinton	26/04/1999	1 Adult; Present Roost - Roost	possible roost ? - bat found in bathroom at St. Peters Rd. Released

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Soprano Pipistrelle	SD745003	Bridgewater Canal, Worsley	23/08/2004	33 Sex/Stage Not Recorded; Present Roost - Roost	Up to 33 individuals
Whiskered/Brandt's Bat	SD750001	Worsley	10/05/2010	1 Sex/Stage Not Recorded; Present Roost - Roost	1 in recessed areas of bridge under the Granary
Whiskered/Brandt's Bat	SD750002	M28 2EB	10/05/2010	Present Roost - Roost	BCT Ref: C&L_M282EB_210610

Bats other signs

Bat sp	SD752010	Old Warke Dam	01/06/1996	1 Sex/Stage Not Recorded - Field Record	Adult
Bat sp	SD7600	Hazelhurst, Swinton	01/08/2001	1 In Flight - Field Record	seen over garden at Holly Rd.
Bat sp	SD776020	Wardley	16/05/1999	1 Sex/Stage Not Recorded - casualty (not road)	bat found in kitchen of Station Rd.
Brandt's Bat	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Brown Long-eared Bat	SD74830125	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Brown Long-eared Bat	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 2 Sound files
Brown Long-eared Bat	SJ7673399676	Manchester	08/07/2014	1 Male - Dead	Very weak & thin. Dehydrated. Found Monton Green, Eccles. M30 9LW. Died .
Common Pipistrelle	SD738015	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Common Pipistrelle	SD73990190	Manchester	21/06/2013	1 Adult - casualty (not road)	Badly broken finger/wrist postcode M28 7FU. Euthanased
Common Pipistrelle	SD74040225	Mesne Lea CP School	15/07/2013	1 Foraging - Field Record	Foraging
Common Pipistrelle	SD741016	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Common Pipistrelle	SD742013	Worsley, Salford	17/09/2008	4 Sex/Stage Not Recorded - foraging	Roe Green
Common Pipistrelle	SD743003	Bridgewater Canal, Worsley	03/05/2002	3 Sex/Stage Not Recorded - aural bat detector	seen flying along canal to SD748004

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD74480086	pavement of A 575 outside hedge of large house	01/10/2015	1 Dead - Field Record	11.45 am- dead pipistrelle bat lying on pavement of Walkden Rd (A575) close to junction of Aviary Rd with Walkden Rd and not far from St Mark's church. Pip had not been dead long-possibly fell onto pavement and was crushed. Fur lighter on underside.
Common Pipistrelle	SD745010	Worsley Manchester	18/06/2005	1 Sex/Stage Not Recorded - casualty (not road)	Avery Rd Worsley Manchester, bat found in house and released
Common Pipistrelle	SD7465501903	BRM Road Survey	27/09/2010	1 Sex/Stage Not Recorded - aural bat detector	Road Survey Route iBatsUK_SJ_A580_27092010_1. Social Calls recorded 2 Other Notes by analyst
Common Pipistrelle	SD74700150	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Common Pipistrelle	SD747004	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 13.3C Count 7, Pond WB2 First seen 20:54
Common Pipistrelle	SD74750045	Worsley Delph	24/08/2005	1 Sex/Stage Not Recorded - Field Record	Ref WB2 1st contact 20.29, 15 min count 9
Common Pipistrelle	SD74790142	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD74800045	Worsley Delph	24/08/2005	1 Sex/Stage Not Recorded - Field Record	Ref WB3 1st contact 20.47, 15 min count 10
Common Pipistrelle	SD74800055	Worsley Delph	24/08/2005	1 Sex/Stage Not Recorded - Field Record	Ref WB1 1st contact 20.35, 15 min count 4
Common Pipistrelle	SD748004	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 14.4C Count 4, Pond WB3 First seen 20:55
Common Pipistrelle	SD748005	Worsley	25/09/2014	1 Sex/Stage Not Recorded - aural bat detector	
Common Pipistrelle	SD748005	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 17.2C Count 9, Pond WB1 First seen 20:55
Common Pipistrelle	SD748025	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Common Pipistrelle	SD74830125	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD749002	Worsley	25/09/2014	1 Sex/Stage Not Recorded - aural bat detector	
Common Pipistrelle	SD750001	Worsley	30/06/2014	1 Sex/Stage Not Recorded - aural bat detector	
Common Pipistrelle	SD750001	Worsley	19/06/2014	1 Sex/Stage Not Recorded - aural bat detector	
Common Pipistrelle	SD750001	Worsley	17/06/2014	1 Sex/Stage Not Recorded - aural bat detector	
Common Pipistrelle	SD75090124	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Common Pipistrelle	SD751018	Roe Green	22/08/2008	1 Sex/Stage Not Recorded - Field Record	Bats have been flying over his house for the past ten years, feeding at some nearby trees. No knowledge where roost is. Info via email.
Common Pipistrelle	SD752004	Worsley, Broad Oak Park	21/06/1999	1 Sex/Stage Not Recorded - Field Record	bat and droppings found in Sefton Drive but not roost, bat released

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 206 Sound files
Common Pipistrelle	SD752022	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Common Pipistrelle	SD752024	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Common Pipistrelle	SD75340077	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Common Pipistrelle	SD75350149	Worsley	26/08/2013	1 Juvenile - casualty (not road)	Broken forearm postcode M28 2AZ SLBG injured bat reference SL13/11 Euthanased
Common Pipistrelle	SD762018	Worsley, Salford	22/05/2008	1 Sex/Stage Not Recorded - foraging	Reedley Drive
Common Pipistrelle	SD765018	Worsley	18/03/2010	1 Male - casualty (not road)	Ped Medic, Priestley Road, Wordley Ind. Est. Worsley. M28 2LY
Common Pipistrelle	SD7664600675	Manchester	15/03/2014	1 Male - Dead	Underweight. Found Brentwood Road, Swinton M27 0EE. Died .

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD767015	Worsley	25/07/2005	1 Sex/Stage Not Recorded - casualty (not road)	Petmedics, Priestley Rd, died
Common Pipistrelle	SD767026	Swinton	12/08/2010	20 Sex/Stage Not Recorded - aural bat detector	Under barge boards, Wheatley Road, Swinton. Steven Quine, 0161 794 7342
Common Pipistrelle	SD769002	Swinton	09/07/2005	1 Sex/Stage Not Recorded - casualty (not road)	Folly Lane, died
Common Pipistrelle	SD769010	Salford	08/09/2010	5 Sex/Stage Not Recorded - foraging	Moorside High School Overall bat activity during the surveys was moderate with eighteen passes of common pipistrelle across the dusk-dawn survey and eleven passes during the second dusk survey. Records varied in location with several coming from the fro
Common Pipistrelle	SD769010	Salford	26/08/2010	4 Sex/Stage Not Recorded - Commuting	Moorside High School Overall bat activity during the surveys was moderate with eighteen passes of common pipistrelle across the dusk-dawn survey and eleven passes during the second dusk survey. Records varied in location with several coming from the fro

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD769010	Salford	25/08/2010	14 Sex/Stage Not Recorded - foraging	Moorside High School Overall bat activity during the surveys was moderate with eighteen passes of common pipistrelle across the dusk-dawn survey and eleven passes during the second dusk survey. Records varied in location with several coming from the fro
Common Pipistrelle	SD76980037	Swinton	13/06/2012	1 Juvenile Male - Casualty (Not Road) - Released	Found at Leigh Avenue, Swinton M27 5RD. Grounded, weak.
Common Pipistrelle	SD771015	Swinton	09/09/2010	1 Sex/Stage Not Recorded - foraging	Deans Youth Centre. 19:20 to 21:00. 18C, still with little cloud cover. Feeding over pond.
Common Pipistrelle	SD771015	Swinton	18/08/2010	7 Sex/Stage Not Recorded - foraging	Deans Youth Centre. 04:45 to 06:05. 15C, dry and still
Common Pipistrelle	SD771015	Swinton	17/08/2010	7 Sex/Stage Not Recorded - foraging	Deans Youth Centre. 20:10 to 21:30. 15C, dry and still
Common Pipistrelle	SD7716200667	Swinton	16/08/2014	1 Male - Released	No problem noted. Found Fir Road M27 5DL. Released .
Common Pipistrelle	SD77650181	Manchester	16/06/2012	1 Adult Female - Casualty (Not Road) - Released	Found at Halifax, The Parade, Swinton M27 4BH. Trapped in building. Released.

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Pipistrelle	SD7765201815	Swinton	14/08/2014	1 Male - Released	Trapped in building. Found Halifax, 2-6 The Parade M27 4BH. Released .
Common Pipistrelle	SJ765996	Monton	14/07/2007	1 Female - casualty (not road)	Churchill Place Monton. no obvious injury Died. Injured bat ref AS07/02
Daubenton's Bat	SD744027	Walkden South	01/06/2001	5 Sex/Stage Not Recorded - Field Record	seen regularly
Daubenton's Bat	SD747004	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 13.3C Count 0, Pond WB2 First seen 20:30
Daubenton's Bat	SD74750045	Worsley Delph	24/08/2005	1 Sex/Stage Not Recorded - Field Record	Ref WB2 1st contact 20.57, 15 min count 2
Daubenton's Bat	SD74800045	Worsley Delph	24/08/2005	1 Sex/Stage Not Recorded - Field Record	Ref WB3 1st contact 21.03, 15 min count 3
Daubenton's Bat	SD748004	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 14.4C Count 5, Pond WB3 First seen 20:20
Daubenton's Bat	SD748005	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 17.2C Count 0, Pond WB1 First seen 20:15

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Daubenton's Bat	SD748013	Worsley Woods, Fragment 5	03/05/1998	4 Sex/Stage Not Recorded - foraging	feeding along Brook
Daubenton's Bat	SD74840036	Worsley	24/04/2013	2 Adult - foraging	Pips, daubentons and at least one noctule. There were so many this evening feeding and commuting it was difficult to pick them all out! Smoke Row, Barton Road
Daubenton's Bat	SD7500	Worsley, Broak Oak Park	04/05/1998	Present Adult - Field Record	seen flying along canal
Daubenton's Bat	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	
Daubenton's Bat	SD752010	Old Warke Dam	01/06/1996	Present Adult - Field Record	
Daubenton's Bat	SD759006	Worsley	22/04/2009	1 Male - casualty (not road)	Found at Chatsworth Road. Broken right elbow, hole in r wing small in left.
Myotis sp	SD748005	Worsley	25/09/2014	1 Sex/Stage Not Recorded - aural bat detector	
Myotis sp	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 8 Sound files

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Noctule Bat	SD738014	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Noctule Bat	SD74840036	Worsley	24/04/2013	1 Adult - foraging	Pips, daubentons and at least one noctule. There were so many this evening feeding and commuting it was difficult to pick them all out! Smoke Row, Barton Road
Noctule Bat	SD750001	Worsley	10/08/2009	3 Sex/Stage Not Recorded - Commuting	Commuting in area. 14 deg C, Around 10 pm. Species not identified.
Noctule Bat	SD751007	Old Warke Dam	15/08/2000	1 Sex/Stage Not Recorded - foraging	seen feeding over reservoir
Noctule Bat	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 1 Sound files
Noctule Bat	SD752010	Old Warke Dam	01/06/1996	Present Adult - Field Record	
Pipistrelle sp	SD7401	Worsley	24/08/2006	1 Sex/Stage Not Recorded - casualty (not road)	Woodgrove Road none apparent very lethargic Died Injured bat ref JL06/45
Pipistrelle sp	SD7401	Roe Green	04/05/1998	Present Adult - Field Record	seen flying along motorway

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD742013	Worsley, Salford	17/09/2008	4 Sex/Stage Not Recorded - Commuting	Roe Green SE-NW
Pipistrelle sp	SD744008	Walkden	24/08/2008	1 Sex/Stage Not Recorded - Field Record	Seen flying over gardens of dwellings at the rear of Worsley College where there is a known roost. Informant at Walkden Road.
Pipistrelle sp	SD744015	Roe Green	16/08/1997	1 Adult - caught	seen in house at Walkden Rd. - released
Pipistrelle sp	SD745003	Bridgewater Canal, Worsley	23/08/2004	5 Sex/Stage Not Recorded - Field Record	Droppings and feeding remains found
Pipistrelle sp	SD745005	Roe Green	20/08/1991	1 Sex/Stage Not Recorded - casualty (not road)	Found at Novotel hotel and released
Pipistrelle sp	SD745027	Whittle Brook Reservoir	12/03/2000	1 Feeding; 6-10 In Flight - Field Record	recorded most nights
Pipistrelle sp	SD746003	Bridgewater Canal, Worsley	23/08/2004	50 Sex/Stage Not Recorded - Field Record	Droppings and feeding remains found
Pipistrelle sp	SD746012	Roe Green	02/09/2001	1 Sex/Stage Not Recorded - casualty (not road)	bat found on Crossfield Drive - released

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD747003	Worsley	14/06/2009	2 Sex/Stage Not Recorded - foraging	Between Worsley Bridge and the M60 along Bridgewater Canal. Two were commuting North to South 8C
Pipistrelle sp	SD747003	Worsley	03/06/2009	1 Sex/Stage Not Recorded - foraging	Between Worsley Bridge and the M60 along Bridgewater Canal. Two were commuting North to South 8C
Pipistrelle sp	SD747003	Worsley	02/06/2009	4 Sex/Stage Not Recorded - foraging	Between Worsley Bridge and the M60 along Bridgewater Canal. Two were commuting North to South 14C
Pipistrelle sp	SD747003	Worsley	30/05/2009	1 Sex/Stage Not Recorded - Field Record	Between Worsley Bridge and the M60 along Bridgewater Canal. 11C
Pipistrelle sp	SD747003	Worsley	26/05/2009	3 Sex/Stage Not Recorded - foraging	Worsley Brook to Barton Arms and Granary along the Bridgewater Canal 8C
Pipistrelle sp	SD747003	Worsley	24/05/2009	1 Sex/Stage Not Recorded - foraging	Between Worsley Bridge and the M60 along Bridgewater Canal. 11C
Pipistrelle sp	SD74790016	Manchester	09/07/2013	1 Juvenile - casualty (not road)	Grounded postcode M28 2PU SLBG injured bat reference FP13/25
Pipistrelle sp	SD748003	Worsley	23/05/2009	2 Sex/Stage Not Recorded - foraging	In the Delph. 10C, Breezy
Pipistrelle sp	SD748003	Worsley	21/05/2009	3 Sex/Stage Not Recorded - foraging	Eastern edge to Delph and between the Bridge and boathouse, along Bridgewater Canal 6C

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD748004	Worsley	22/05/2009	3 Sex/Stage Not Recorded - foraging	Entries to The Delph 10C
Pipistrelle sp	SD748004	Worsley	21/05/2009	1 Sex/Stage Not Recorded - foraging	Worsley Bridge to the M60 along the Bridgewater Canal. 6C
Pipistrelle sp	SD748004	Worsley	19/05/2009	2 Sex/Stage Not Recorded - foraging	Western entry to Delph 7C
Pipistrelle sp	SD74830035	Worsley	28/05/2009	1 Sex/Stage Not Recorded - foraging	At rear of Barton Road. 12C
Pipistrelle sp	SD74840036	Worsley	24/04/2013	2 Adult - foraging	Pips, daubentons and at least one noctule. There were so many this evening feeding and commuting it was difficult to pick them all out! Smoke Row, Barton Road
Pipistrelle sp	SD749003	Worsley	02/06/2009	2 Sex/Stage Not Recorded - foraging	Eastern edge of The Delph and in the Delph 14C
Pipistrelle sp	SD749003	Worsley	28/05/2009	2 Sex/Stage Not Recorded - foraging	Eastern edge of The Delph and in the Delph 12C
Pipistrelle sp	SD749003	Worsley	26/05/2009	1 Sex/Stage Not Recorded - foraging	Eastern edge of The Delph 8C

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD749004	Worsley	16/06/2009	1 Sex/Stage Not Recorded - foraging	In the Garden of The Green, Worsley 11C
Pipistrelle sp	SD749004	Worsley	15/06/2009	3 Sex/Stage Not Recorded - foraging	At rear of Barton Road. Feeding in garden and over Bridgewater canal. Another one was commuting from the North to the South along the Bridgewater Canal.11 C
Pipistrelle sp	SD749004	Worsley	14/06/2009	3 Sex/Stage Not Recorded - foraging	Eastern and Western entries to The Delph and in the Delph 11C
Pipistrelle sp	SD749004	Worsley	03/06/2009	3 Sex/Stage Not Recorded - foraging	At rear of Barton Road. Feeding in garden and over Bridgewater canal. Another one was commuting from the North to the South along the Bridgewater Canal and a third was feeding in the back garden.8 C
Pipistrelle sp	SD749004	Worsley	02/06/2009	3 Sex/Stage Not Recorded - Commuting	At rear of Barton Road. Flying SE to NW14C
Pipistrelle sp	SD749004	Worsley	01/06/2009	5 Sex/Stage Not Recorded - foraging	At rear of Barton Road. Feeding in garden and over Bridgewater canal. 10C
Pipistrelle sp	SD749004	Worsley	30/05/2009	2 Sex/Stage Not Recorded - foraging	Bridge near The Green and on The Green 11C
Pipistrelle sp	SD749004	Worsley	26/05/2009	1 Sex/Stage Not Recorded - foraging	At rear of Barton Road. 10C

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD749004	Worsley	24/05/2009	1 Sex/Stage Not Recorded - foraging	At Bridge on west side of The Green.
Pipistrelle sp	SD749004	Worsley	22/05/2009	3 Sex/Stage Not Recorded - foraging	At rear of Barton Road. Two feeding and one commuting 10C
Pipistrelle sp	SD749004	Worsley	21/05/2009	1 Sex/Stage Not Recorded - foraging	At rear of Barton Road 7C
Pipistrelle sp	SD749004	Worsley	19/05/2009	1 Sex/Stage Not Recorded - Commuting	At rear of Barton Road 7C
Pipistrelle sp	SD749005	Worsley	16/06/2009	3 Sex/Stage Not Recorded - foraging	Eastern and Western entries to The Delph and in the Delph 11C
Pipistrelle sp	SD749005	Worsley	03/06/2009	4 Sex/Stage Not Recorded - foraging	Eastern and Western entries to The Delph and in the Delph 8C
Pipistrelle sp	SD749005	Worsley	30/05/2009	1 Sex/Stage Not Recorded - foraging	Eastern and Western entries to The Delph
Pipistrelle sp	SD749005	Worsley	24/05/2009	3 Sex/Stage Not Recorded - foraging	In the Delph and at Western entry. 11C
Pipistrelle sp	SD749028	How Clough Woods	28/08/2000	1 In Flight; 1 Feeding - Field Record	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD749028	Walkden South	28/08/2000	1 Sex/Stage Not Recorded - Field Record	In Flight
Pipistrelle sp	SD749028	Walkden South	28/08/2000	1 Sex/Stage Not Recorded - foraging	Feeding
Pipistrelle sp	SD74910007	Worsley	30/07/2009	1 Sex/Stage Not Recorded - foraging	Meadow Lane, heard feeding 10 deg C 22:31 hrs
Pipistrelle sp	SD74920037	Worsley	26/05/2009	2 Sex/Stage Not Recorded - foraging	West side of The Green to the Bridge and along Bridgewater canal to dukes Wharf 8C
Pipistrelle sp	SD74950035	Worsley	28/05/2009	2 Sex/Stage Not Recorded - foraging	On The Green
Pipistrelle sp	SD750002	Worsley	16/06/2009	1 Sex/Stage Not Recorded - foraging	Worsley Brook and along the canal by the Barton Arms Pub. 11C
Pipistrelle sp	SD750002	Worsley	28/05/2009	2 Sex/Stage Not Recorded - foraging	Worsley Brook and along the canal by the Barton Arms Pub. 12C
Pipistrelle sp	SD750002	Worsley	22/05/2009	3 Sex/Stage Not Recorded - foraging	Worsley Brook by the Barton Arms Pub. 10C
Pipistrelle sp	SD750002	Worsley	21/05/2009	2 Sex/Stage Not Recorded - foraging	Worsley Brook by the Barton Arms Pub. Cool weather

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD750002	Worsley	12/05/2009	2 Sex/Stage Not Recorded - foraging	Worsley Brook by the Barton Arms Pub. Cool weather
Pipistrelle sp	SD750003	Worsley	16/05/2009	2 Sex/Stage Not Recorded - Commuting	One flew North to South along Bridgewater Canal and did a fly past one going the opposite direction. 8C
Pipistrelle sp	SD751004	Worsley	24/07/2009	13 Sex/Stage Not Recorded - foraging	Heard commuting and feeding Worsley Green to Walkden Road 22:08 hrs to 22:48 hrs. Cool weather 11 deg C
Pipistrelle sp	SD751007	Worsley	23/05/2009	1 Sex/Stage Not Recorded - foraging	Between the Old Warke Dam and the Worsley Brook, along the Bridgewater canal. 10C, breezy
Pipistrelle sp	SD751007	Old Warke Dam	15/08/2000	1 Feeding; Present In Flight - Field Record	seen feeding over reservoir
Pipistrelle sp	SD751011	Worsley Woods	26/08/1988	1 Sex/Stage Not Recorded - Field Record	At Old Warke Dam area, bridge under M62
Pipistrelle sp	SD751017	Roe Green	18/06/2002	1 Sex/Stage Not Recorded - casualty (not road)	bat found in house at Roe Green - died
Pipistrelle sp	SD751017	Roe Green	04/05/1998	1 Sex/Stage Not Recorded - Field Record	seen flying along motorway

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD75130070	Old Warke Dam	15/08/2000	1 Sex/Stage Not Recorded - Field Record	seen feeding over reservoir
Pipistrelle sp	SD752004	Worsley, Broad Oak Park	21/06/1999	1 Sex/Stage Not Recorded - Field Record	bat and droppings found in Sefton Drive but not roost, bat released
Pipistrelle sp	SD752008	Old Warke Dam	02/05/1999	1 Feeding - Field Record	seen feeding in woods
Pipistrelle sp	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 8 Sound files
Pipistrelle sp	SD752010	Old Warke Dam	01/06/1996	1 Sex/Stage Not Recorded - Field Record	Adult
Pipistrelle sp	SD752010	Old Warke Dam	01/06/1996	Present Adult - Field Record	
Pipistrelle sp	SD752013	Roe Green	15/08/2000	3 Sex/Stage Not Recorded - Field Record	seen under motorway bridge
Pipistrelle sp	SD754005	Worsley	27/07/2009	8 Sex/Stage Not Recorded - Commuting	Heard commuting and feeding 2151 hrs to 22:37 hrs. Cool weather 11 deg C.
Pipistrelle sp	SD755000	Worsley, Broad Oak Park	04/05/1998	1 Sex/Stage Not Recorded - Field Record	seen flying along Bridgewater canal

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD759008	Worsley	22/07/2008	1 Male - casualty (not road)	Found Wellbeck Road. No apparent problem.
Pipistrelle sp	SD759008	Hazelhurst, Swinton	14/06/2001	1 Sex/Stage Not Recorded - casualty (not road)	bat found at Worsley Rd.- released
Pipistrelle sp	SD762011	Hazelhurst, Swinton	01/07/2003	1 Sex/Stage Not Recorded - casualty (not road)	found in Ringlow Park Road - released
Pipistrelle sp	SD763005	Worsley	27/07/2009	5 Sex/Stage Not Recorded - foraging	Heard commuting and feeding on golf links. 2151 hrs to 22:37 hrs. Cool weather 11 deg C.
Pipistrelle sp	SD763014	Hazelhurst, Swinton	02/09/1997	1 Juvenile Male - Field Record	found on Cross Street, badly injured - put down
Pipistrelle sp	SD764007	Hazelhurst, Swinton	01/06/1999	3 Sex/Stage Not Recorded - Field Record	seen flying between houses on Mayfield Ave.
Pipistrelle sp	SD766002	Hazelhurst, Swinton	01/06/2002	3 Sex/Stage Not Recorded - Field Record	seen flying in garden of Houghton Lane
Pipistrelle sp	SD766020	Walkden	02/07/2010	1 Female - casualty (not road)	Address found Pet Medics Information and injury: Ground Juvenile, lot of mites.

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD767009	Hazelhurst, Swinton	10/09/2001	1 Adult - Field Record	bat in Ashley Drive - released
Pipistrelle sp	SD767010	Swinton	01/08/2003	1 Sex/Stage Not Recorded - Field Record	8-10 passes per hour counted at Ashley Drive
Pipistrelle sp	SD767015	Worsley Manchester	12/08/2005	1 Sex/Stage Not Recorded - casualty (not road)	Petmedics, Priestley Rd, released
Pipistrelle sp	SD770005	Swinton	03/09/2004	1 Sex/Stage Not Recorded - casualty (not road)	Adult
Pipistrelle sp	SD770023	Manchester	23/09/2013	1 Adult - casualty (not road)	Broken R forearm postcode M27 9XW SLBG injured bat reference TO13/06 Euthanased
Pipistrelle sp	SD770023	Wardley	14/07/1998	5 Sex/Stage Not Recorded - Field Record	seen in garden on Westminster St.
Pipistrelle sp	SD771015	Swinton	09/09/2010	5 Sex/Stage Not Recorded - foraging	Deans Youth Centre. 19:20 to 21:00. 18C, still with little cloud cover. Foraging along road, and over pond and car park.
Pipistrelle sp	SD773016	Swinton	26/04/1999	1 Sex/Stage Not Recorded - casualty (not road)	possible roost ? - bat found in bathroom at St. Peters Rd. Released

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Pipistrelle sp	SD776020	Wardley	16/05/1999	1 Adult - Field Record	bat found in kitchen of Station Rd.
Pipistrelle sp	SD777015	Swinton Park	10/06/2000	1 Sex/Stage Not Recorded - Field Record	seen in flight
Pipistrelle sp	SJ74739992	Worsley	30/07/2009	1 Sex/Stage Not Recorded - Commuting	Seen over the corner of Edenfield Lane and Green Acre Lane. 10 deg C. 22:25 hrs
Pipistrelle sp	SJ74959999	Worsley	30/07/2009	1 Sex/Stage Not Recorded - Commuting	Junction Ryecroft Lane and Granary Lane. 10 deg C. 22:29 hrs
Pipistrelle sp	SJ767999	Monton, Eccles	09/09/2003	1 Male - casualty (not road)	Juvenile male injured bat at Egerton Rd. - long term captive / died?
Soprano Pipistrelle	SD74030225	Mesne Lea CP School	15/07/2013	1 Commuting - Field Record	Commuting
Soprano Pipistrelle	SD741010	Worsley Manchester	24/02/2011	1 Male - casualty (not road)	No apparent injury. Found at Worsley Old Hall Walkden Road. Released
Soprano Pipistrelle	SD74700150	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Soprano Pipistrelle	SD74790142	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Soprano Pipistrelle	SD748005	Worsley	25/09/2014	1 Sex/Stage Not Recorded - aural bat detector	
Soprano Pipistrelle	SD748005	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 17.2C Count 0, Pond WB1 First seen 20:12
Soprano Pipistrelle	SD74820125	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Soprano Pipistrelle	SD749024	Salford	01/07/2008	Present Foraging - Field Record	Feeding - For West East Pipeline - undertaken between July & August 08
Soprano Pipistrelle	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 124 Sound files
Soprano Pipistrelle	SD75350077	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Soprano Pipistrelle	SD761005	Worsley	08/10/2010	2 Sex/Stage Not Recorded - Commuting	Chatsworth Road
Whiskered Bat	SD7401	Old Warke Dam	04/05/1998	6 Adult - Field Record	seen flying round a tree on dawn walk before underpass

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Whiskered Bat	SD745005	Roe Green	20/08/1991	1 Adult - Field Record	Found at Novotel hotel and released
Whiskered Bat	SD748004	Bridgewater Canal, Worsley	15/08/2006	1 Sex/Stage Not Recorded - aural bat detector	Survey from 20:38 hrs to 21:53 hrs Wind 0, at site 0, Temp 14.4C Count 1, Pond WB3 First seen 21:44
Whiskered Bat	SD748013	Worsley Woods	03/05/1998	4 Feeding - Field Record	feeding along Brook
Whiskered Bat	SD751007	Old Warke Dam	15/08/2000	1 Feeding; Present In Flight - Field Record	seen feeding over reservoir
Whiskered Bat	SD751007	Old Warke Dam	04/05/1998	6 Sex/Stage Not Recorded - Field Record	seen flying round a tree on dawn walk before underpass
Whiskered Bat	SD752007	Worsley Woods, Fragment 2	01/06/2001	5 Sex/Stage Not Recorded - Field Record	seen regularly
Whiskered Bat	SD752008	Old Warke Dam	02/05/1999	1 In Flight - Field Record	seen flying at dawn over Dam
Whiskered Bat	SD752010	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - aural bat detector	Anabat recording. 8 Sound files
Whiskered Bat	SD752010	Old Warke Dam	01/06/1996	1 Sex/Stage Not Recorded - Field Record	Adult

Species	Grid_Ref	Site	Date	Abundance	Comment
Whiskered/Brandt's Bat	SD75170114	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	
Whiskered/Brandt's Bat	SD75360077	Worsley Woods	09/05/2014	1 Sex/Stage Not Recorded - Field Record	

Great Crested Newt - presence

Great Crested Newt	SD756014	Wardley Hall South Pond	1988	1 Adult - Field Record	
Great Crested Newt	SD756014	Wardley	1988	Present Sex/Stage Not Recorded - Field Record	
Great Crested Newt	SD7560601420	Wardley Hall South Pond	1988	1 Adult - Field Record	

Great Crested Newt - absence

Great Crested Newt	SD7558001425	Egerton Park, Worsley, pond in woods, near footpath and houses	26/04/2011	0 Absent - Absent	
Great Crested Newt	SD7576901654	Egerton Park, Worsley, pond in woodland, near motorway	26/04/2011	0 Absent - Absent	Pond near, and to the east of, motorway junction. Access to pond edge very limited due to dense brambles and woodland

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Great Crested Newt	SD7638503018		18/05/2009	0 Absent - Absent	ABSENT present toad, smooth adn frog

**Water Vole -
presence**

Water Vole	SD7389301588	Worsley Golf Club	17/09/2008	Present Feeding Remains - Field Record	
Water Vole	SD752008	Old Warke Dam	1998	Present Adult - Field Record	seen at Kempnough Brook (- not known if still there, Aug 2000)
Water Vole	SD752010	Old Warke Dam	01/06/1996	Present Adult - Field Record	seen leaving their under-water holes in bank

**Water Vole -
absence**

Water Vole	SD7448300292	Bridgewater Canal	19/09/2008	0 ABSENT - ABSENT	Absent
Water Vole	SD7480901352	Kempnough Brook	11/09/2008	0 ABSENT - ABSENT	Absent
Water Vole	SJ7632599792	Folly Brook	11/09/2008	0 ABSENT - ABSENT	Absent Recent flooding, trash line 50-100cm

**NERC Act S41
species**

Bullfinch	SD738015	SD7301	01/05/2008		Surveys in May & June - For West East Pipeline
Common Toad	SD7603	Clifton Moss	01/06/1992	Present Sex/Stage Not Recorded	

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Common Toad	SD7639803029	Wardely Grange	18/05/2009	Present Sex/Stage Not Recorded	no gcn present smooth & frog
Common Toad	SD76400303	Pond to north east of Wardley Grange	18/05/2009	Present Sex/Stage Not Recorded	no gcn present smooth & frog
Dunnock	SD741018	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
Dunnock	SD742018	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
Dunnock	SD748019	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
Freiberg's Screw- moss (<i>Tortula freibergii</i>)	SD748004		31/03/2003		Manchester Field Club
Freiberg's Screw- moss (<i>Tortula freibergii</i>)	SJ764995		21/03/2003	Rare	East side Manchester Field Club
House Sparrow	SD738015	SD7301	01/05/2008		Surveys in May & June - For West East Pipeline
House Sparrow	SD745020	SD7402	01/05/2008		Surveys in May & June - For West East Pipeline
House Sparrow	SD747019	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
House Sparrow	SD751029	SD7502	01/05/2008		Surveys in May & June - For West East Pipeline
House Sparrow	SD752029	SD7502	01/05/2008		Surveys in May & June - For West East Pipeline
House Sparrow	SD75230150	Green leach lane	26/04/2014	3 FF - carrying Faecal sac or Food	
Song Thrush	SD738015	SD7301	01/05/2008		Surveys in May & June - For West East Pipeline
Song Thrush	SD739017	SD7301	01/05/2008		Surveys in May & June - For West East Pipeline
Song Thrush	SD74100115	Worsley Old Hall	01/05/2008		Location estimated from BAP Birds map
Song Thrush	SD743018	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline

ECOLOGICAL SEARCH
EGERTON PARK
GRID REF SD758014
2KM RADIUS SEARCH
PROTECTED/PRIORITY SPECIES

Species	Grid_Ref	Site	Date	Abundance	Comment
Song Thrush	SD747019	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
Song Thrush	SD74720150	Worsley Woods	26/04/2014	1 B - nest Building	
Song Thrush	SD74740165	Worsley Woods, Salford, Worsley Woods	09/05/2014	1 S - Singing male	
Song Thrush	SD74890125	Worsley Woods, Salford, Worsley Woods	10/05/2014	11 B - nest Building	
Song Thrush	SD751025	SD7501	01/05/2008		Surveys in May & June - For West East Pipeline
Song Thrush	SD75230094	Worsley Woods, Salford, Worsley Woods	10/05/2014	1 S - Singing male	
Starling	SD745019	SD7401	01/05/2008		Surveys in May & June - For West East Pipeline
Starling	SD745020	SD7402	01/05/2008		Surveys in May & June - For West East Pipeline
Starling	SD748015	Worsley Woods, Salford	10/05/2014	8 Sex/Stage Not Recorded	
Starling	SD752028	SD7502	01/05/2008		Surveys in May & June - For West East Pipeline
West European Hedgehog	SD749013	Worsley Woods	10/05/2014	1 Sex/Stage Not Recorded	