

# Oadby and Wigston - Call for Sites

784-B045956

## Extended UK Habitat Classification Survey, Biodiversity Net Gain Baseline and Local Wildlife Site Assessment

Non-Confidential Report

**Oadby and Wigston Borough Council**

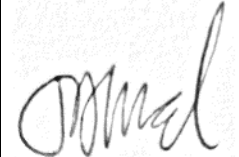
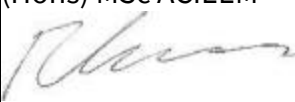

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## EXECUTIVE SUMMARY

Contents	Summary
<b>Site Location</b>	Tetra Tech was commissioned by Oadby and Wigston Borough Council in January 2023 to undertake a study of 24 sites in Oadby and Wigston, in Leicestershire. Eleven of the sites are in Oadby and eleven are in Wigston, with a further two that are cross-settlement (Figure 1).
<b>Scope of this Survey(s)</b>	<ul style="list-style-type: none"> <li>• Evaluate the 24 sites that have been identified by the council as either potential future development sites or as being of local value for nature conservation, to contribute towards the council’s evidence base to support the emerging Local Plan.</li> <li>• Provide a Biodiversity Net Gain baseline for each site to provide the headline results for the habitats and the value of the site as recorded at the time of the survey.</li> <li>• Highlight features within the sites that are suitable for selection as potential Local Wildlife Sites.</li> <li>• Undertake a desk study to obtain existing information on statutory and non-statutory sites of nature conservation interest and relevant records of protected/notable species within the site.</li> <li>• Present the results of an extended UK Habitat Classification Survey, involving a walkover of the site to record habitat types and dominant vegetation, including any invasive species, and evidence of protected fauna or habitats capable of supporting such species.</li> <li>• Evaluate potential ecological receptors on site and within the zone of influence; identify any constraints to the development of these sites.</li> </ul>
<b>Results and Evaluation</b>	<p>There are several sites that have high ecological value and Biodiversity Net Gain units including:</p> <ul style="list-style-type: none"> <li>• OAD_003 - Stackyard Spinney LWS on site. Entire site is within Green Wedge.</li> <li>• OAD_006 - - Three candidate LWSs and two notified LWSs on site.</li> <li>• OAD_009/ 010/011 - Three cLWS Mature Trees, one pLWS Hedgerow. Entire site is within Green Wedge.</li> <li>• O_W_001 – Designated as Glen Gorse Golf Club LWS.</li> <li>• O_W_002 - Potentially designated as Glen Gorse Golf Club LWS.</li> </ul> <p>See Table 1 ‘Site Summary and Further Species Surveys’ below.</p>

## SITE SUMMARY AND FURTHER SPECIES SURVEYS

**Table 1 - Submission sites in Oadby**

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Further Survey Recommendations for Protected & Notable Species	Current Designations on Site or Adjacent	Additional LWS Potential
OAD_001	Land at Stoughton Grange Farm ( <i>Desk based assessment only</i> )	Habitat units: 58.24	Grassland, woodland, sealed surface.	Breeding birds.	Two LWS on site: Stoughton Grange, Dam's Spinney and lake; Roadside near Stoughton Farm Park.	Unknown.
OAD_002	Land South of Gartree Road	Habitat units: 59.89 Hedgerow units: 43.82	Temporary grass and clover leys, species-rich native hedgerows with trees, native hedgerows, ditches, lowland mixed deciduous woodland, bramble scrub and lines of trees.	Breeding birds, bats; roosting and commuting, amphibians, and reptiles.	Three cLWS <i>Mature Trees</i> , one pLWS <i>Hedgerow</i> . Entire site is within Green Wedge.	<b>Potential:</b> Hedgerows and Mature Trees.
OAD_003	Land to the West, South and East of Spire Leicester Hospital, Gartree Road	Habitat units: 78.57 Hedgerow units: 37.81	Lowland mixed deciduous woodland, Other neutral grassland, bramble scrub, species-rich native hedgerow with trees, native hedgerow with trees, rural trees.	Breeding birds, bats; roosting, foraging and commuting and invasive (Schedule 9) plant species.	Stackyard Spinney LWS on site. Entire site is within Green Wedge.	<b>Potential:</b> Hedgerows and Mature Trees.
OAD_004	Land North of Manor Road	Habitat units: 4.60 Hedgerow units: 2.52	Other neutral grassland; <i>Lolium-Cynosurus</i> grassland, hawthorn scrub, native species-rich	Bats; roosting and commuting.	Green wedge adjacent to the north.	Not Required.

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Further Survey Recommendations for Protected & Notable Species	Current Designations on Site or Adjacent	Additional LWS Potential
			hedgerow with trees, mature trees and fences.			
OAD_005	Land North of Palmerston Way	Habitat units: 41.22 Hedgerow units: 20.72 Watercourse units: 0.42	Other neutral grassland; <i>Arrhenatherum</i> grassland, blackthorn scrub, bramble scrub, a ditch, species-rich native hedgerow with trees, native hedgerow with trees and lines of trees.	Bats; roosting, foraging and commuting, breeding birds, reptiles.	Majority of site designated as Racecourse Meadows LWS. Entire site within Green Wedge.	Not required.
OAD_006	Land at Oadby Grange	Habitat units: 228.66 Hedgerow units: 31.14 Watercourse units: 5.98	Ponds, other swamps, mixed scrub, <i>Lolium-Cynosurus</i> neutral grassland, native hedgerows, a stream, lowland mixed deciduous woodland, bramble scrub, other woodland; broadleaved, <i>Arrhenatherum</i> neutral grassland, hawthorn scrub, scattered trees and <i>Deschampsia</i> neutral grassland.	Bats; roosting, foraging and commuting, breeding birds, GCN, reptiles, water vole.	Three candidate LWSs and two notified LWSs on site	<b>Potential:</b> Hedgerows, neutral grassland
OAD_007	Land South of Sutton Close	Habitat units: 21.87 Hedgerow units: 27.08	Species-rich native hedgerows with trees and associated ditch, mature trees, non-native and ornamental hedgerows, fences, a ditch and other cereal crops.	Bats; roosting, foraging and commuting, breeding birds, invasive plant species, GCN.	Entire site is within Green Wedge. Brock's Hill country park adjacent, cLWS trees on site.	<b>Potential:</b> Hedgerows and Mature Trees.

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Further Survey Recommendations for Protected & Notable Species	Current Designations on Site or Adjacent	Additional LWS Potential
OAD_008	Half of Glen Gorse Golf Course	Habitat units: 30.22 Hedgerow units: 37.56	Modified grassland, lines of trees, woodland, ponds, hedgerows and suburban mosaic or buildings and carparks.	Bats; roosting, foraging and commuting, breeding birds, common amphibians and GCN, invasive (schedule 9) plant species.	Designated as Glen Gorse Golf Club LWS.	Not required.
OAD_009/ 010/011	Land South of Gartree Road and East of Stoughton Road	Habitat units: 88.85 Hedgerow units: 47.68	Temporary grass and clover leys, ruderal and ephemeral, species-rich native hedgerows with trees, native hedgerows with trees, non-native and ornamental hedgerows, ditches, lowland mixed deciduous woodland, modified grassland, other neutral grassland, other broadleaved woodland types; plantation, bramble scrub, other swamps and lines of trees.	Breeding birds, bats; roosting and commuting, amphibians, and reptiles.	Three cLWS <i>Mature Trees</i> , one pLWS <i>Hedgerow</i> . Entire site is within Green Wedge.	<b>Potential:</b> Hedgerows and Mature Trees.

**Table 2 - Submission sites in Wigston**

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Protected & Notable Species	Designations on Site or Adjacent	LWS Potential
WIG_001	Land West of Welford Road	Habitat units: 13.00 Hedgerow units: 7.60	Modified grassland, native hedgerows, mature trees.	Bats: roosting and commuting, breeding birds.	None on site.	Not Required

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Protected & Notable Species	Designations on Site or Adjacent	LWS Potential
WIG_002	Wigston Meadows Phase 3	Habitat units: 49.56 Hedgerow units: 46.59	Native hedgerows, non-native ornamental hedgerows, cereal crops, mixed scrub, mature trees, ponds, lines of trees, bramble scrub, modified grassland, and suburban mosaic of developed and natural surface.	bats; roosting and commuting, breeding birds, common amphibians and GCN.	cLWS ash tree on site.	<b>Potential:</b> Pond & mature trees.
WIG_003	Land North of Denbydale	Habitat units: 5.38 Hedgerow units: 6.16	Native hedgerows, cereal crops and fences.	Bats; roosting and commuting, breeding birds, common amphibians and GCN.	None on site, Newton Lane Meadows adjacent.	Not Required
WIG_004	Land North of Newton Lane	Habitat units: 104.10 Hedgerow units: 47.80 Watercourse units: 7.20	Lines of trees, mature trees, native hedgerows, ditches, cereal crops, artificially unvegetated unsealed surfaces and fences.	Bats; roosting and commuting, breeding birds, common amphibians and GCN, and water vole.	None on site. Newton Lane Meadows LWS to the SW and Brock's Hill Country Park LNR/LWS adjacent to NW.	<b>Potential:</b> Hedgerows and Mature Trees.
WIG_005	Highfield Farm	Habitat units: 50.01 Hedgerow units: 28.86	Modified grassland, mature trees, native hedgerows, ditches, cereal crops, artificially unvegetated unsealed surfaces, temporary grass and clover leys and fences.	Bats; roosting and commuting, breeding birds, common amphibians and GCN.	None on site. Glen Gorse Golf Course LWS adjacent on NE boundary.	<b>Potential:</b> Mature Trees
WIG_006	Land off Denbydale and Rosedale Road	Habitat units: 19.83 Hedgerow units: 8.21	Native hedgerows, cereal crops, and fences.	Bats; roosting and commuting, breeding birds, GCN.	Green wedge.	Not Required

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Protected & Notable Species	Designations on Site or Adjacent	LWS Potential
WIG_007	Land at Seven Oaks Farm, Newton Lane	Habitat units: 103.24 Hedgerow units: 45.53 Watercourse: 3.83	Native hedgerows, grassland, ditches, cereal crops, mature trees, mixed scrub, ponds and artificially unvegetated unsealed surfaces.	Bats; roosting and commuting, breeding birds, common amphibians and GCN, water vole, reptiles.	Two candidate LWS on site 'Sevenoaks Farm GCN ponds'	<b>Potential:</b> Hedgerows and Mature Trees.
WIG_008	Land at Newton Lane	Habitat units: 207.33 Hedgerow units: 89.76 Watercourse units: 11.03	Native hedgerows, grassland, ditches, cereal crops, mature trees, mixed scrub, ponds, artificially unvegetated unsealed surfaces and lines of trees, mature trees.	Bats; roosting and commuting, breeding birds, common amphibians and GCN, reptiles, and water vole.	Two candidate LWS on site 'Sevenoaks Farm GCN ponds' Newton Lane Meadows LWS adjacent to the SW and Brock's Hill Country Park LNR/LWS adjacent to NW.	<b>Potential:</b> Hedgerows and Mature Trees.
WIG_009	Land West of Welford Road	Habitat units: 5.38 Hedgerow units: 3.28 Watercourse units: 0.94	Modified grassland, native hedgerows, a ditch, mature trees, fences, and canals.	Water vole, otter, bats; roosting and commuting, breeding birds.	Grand Union Canal LWS adjacent.	Not Required
WIG_010	Land North of Glen Gorse Golf Course	Habitat units: 31.64 Hedgerow units: 24.52	Other cereal crops, lowland mixed deciduous woodland, wet woodland, native hedgerows, mature trees, veteran trees.	Breeding birds, Bats; roosting and commuting, common amphibians and GCN.	Glen Gorse Golf Club LWS - adjacent.	<b>Potential:</b> Wet Woodland, Mature trees, Hedgerows
WIG_011	Land Adjacent to Newton Lane	Habitat units: 22.36	Other cereal crops, mixed scrub, ponds, native hedgerows, mature trees.	Breeding birds, bats; roosting and commuting,	Two LWS on site: Great Crested Newt Pond, off Newton	<b>Potential:</b> Mature trees

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Protected & Notable Species	Designations on Site or Adjacent	LWS Potential
		Hedgerow units: 23.58		common amphibians and GCN, invertebrates.	Lane and Newton Lane ash trees. Newton Lane meadows adjacent.	

**Table 3 - Submission sites in Oadby and Wigston (Cross-settlement)**

Initial Site Ref.	Site Name	Biodiversity Units	Habitats Present	Protected & Notable Species	Designations on site or Adjacent	LWS Potential
O_W_001	Glen Gorse Golf Course	Habitat units: 136.21 Hedgerow units: 105.48 Watercourse units: 1.75	Modified grassland, lines of trees, woodland, ponds, ditches, hedgerows, mature trees, scrub and suburban mosaic or buildings and carparks.	Bats; roosting, foraging and commuting, breeding birds, common amphibians and GCN, invasive (schedule 9) plant species, reptiles.	Designated as Glen Gorse Golf Club LWS.	Not required.
O_W_002	Glen Gorse Golf Course and Highfield Farm	Habitat units: 181.67 Hedgerow units: 131.72 Watercourse units: 1.75	Modified grassland, lines of trees, woodland, ponds, ditches, hedgerows, mature trees, scrub, suburban mosaic or buildings and carparks, cereal crops, artificially unvegetated unsealed surfaces, temporary grass and clover leys and fences.	Bats; roosting, foraging and commuting, breeding birds, common amphibians and GCN, invasive (schedule 9) plant species, reptiles.	Partially designated as Glen Gorse Golf Club LWS.	<b>Potential:</b> Mature trees

## 1.0 INTRODUCTION

### 1.1 BACKGROUND

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Tetra Tech was commissioned by Oadby and Wigston Borough Council in January 2023 to undertake a study of 24 sites in the Oadby and Wigston, in Leicestershire.

This report has been prepared by Botanist Tom Ward BA (Hons), PgDip, and the conditions pertinent to it are provided in Appendix A. [REDACTED]

### 1.2 SITE DESCRIPTION

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There are 24 sites, of which 11 are in Oadby and 11 are in Wigston. There are 2 sites that are cross-settlement (Figure 1).

### 1.3 PURPOSE OF REPORT

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The purpose of this report is to:

- Evaluate the 24 sites that have been identified by the council as either potential future development sites or as being of local value for nature conservation, to contribute towards the council's evidence base to support the emerging Local Plan.
- Provide a Biodiversity Net Gain baseline for each site to provide the headline results for the habitats and the value of the site as recorded at the time of the survey.
- Highlight features within the sites that are suitable for selection as potential Local Wildlife Sites.
- Undertake a desk study to obtain existing information on statutory and non-statutory sites of nature conservation interest and relevant records of protected/notable species within the site.
- Present the results of an extended UK Habitat Classification Survey, involving a walkover of the site to record habitat types and dominant vegetation, including any invasive species, and evidence of protected fauna or habitats capable of supporting such species.
- Evaluate potential ecological receptors on site and within the zone of influence; identify any constraints to the development of the sites.

## 2.0 METHODOLOGY

### 2.1 DESK STUDY

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The desktop study comprised two elements:

- A data search provided by Leicestershire and Rutland Environmental Records Centre via Oadby & Wigston Borough Council in March 2023.



- Online element including a search using Multi Agency Geographic Information for the Countryside (MAGIC) (<https://magic.defra.gov.uk>) website and Ordnance Survey (OS) and Aerial Imagery (<https://www.bing.com/maps>).

The geographical extent of the search area was related to the significance of sites and species and potential zones of influence. For this site the following search areas were considered appropriate:

- 2km for sites of National or Regional Importance (e.g., Sites of Special Scientific Interest (SSSI), protected or otherwise notable species and non-statutory designated sites of County Importance (e.g. Local Wildlife Sites (LWS), Candidate Local Wildlife Sites (cLWS) and Potential Local Wildlife Sites (pLWS);
- Within the site boundary for biological records, and
- 1km for ancient woodland and mapped priority habitats.

The data search did not cover Tree Preservation Orders (TPOs); or Conservation Areas designated for their special architectural and historic interest.

There were no Internationally Important sites within 10km and as such these have not been considered in this report.

## 2.2 FIELD SURVEYS

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The following methodologies have been used to identify the ecological receptors present on or near the site and which are relevant to the proposed development.

### 2.2.1 Habitats

An extended UK Habitat Classification (UKHab) survey was undertaken on each of the sites provided by Oadby and Wigston Borough Council between April and September 2023 by Tetra Tech Consultant Botanist; Tom Ward; BA, PgDip, Senior Ecologist; Stephanie Bennett; BSc; ACIEEM and Principal Ecologist; Richard Brown; BSc MSc; ACIEEM. The weather conditions were variable but mostly dry and fair.

The habitats present on site were mapped in accordance with the UK Habitat Classification Professional Edition Version 1.1 (Butcher et al., 2020). To accurately identify habitats on site, the UKHab Key has been used by a suitably experienced ecologist to allocate the correct UKHab type to each vegetation community.

The habitats have been classified to a minimum of level 4, to identify the presence of any NERC Habitats of Principal Importance. Where habitats occur in multiple areas of the site or are of different condition, additional polygons of the same habitat have been mapped so that their condition may be assessed independently.

Dominant plant species were recorded for each habitat present using standard nomenclature (Stace, 2019). Features were assessed against the Guidelines for the Selection of Local Wildlife Sites in Leicester, Leicestershire and Rutland (Leicestershire County Council, 2011) to rapidly identify features that may qualify for selection as potential Local Wildlife Sites (LWS).

## 2.2.2 Protected and Notable Species

The sites were inspected for evidence of, and its potential to support, protected or notable species, especially those listed under the Schedule 2 of the Habitat Regulations 2017 (as amended), Schedule 5 of the Wildlife and Countryside Act (W&CA) 1981 (as amended), the Countryside Rights of Way (CROW) Act 2000 and those given extra protection under the Natural Environment and Rural Communities (NERC) Act 2006.

The presence of some species was determined using standard best practice guidance and are listed below.

[REDACTED]

### Hazel Dormouse

The site was surveyed for its suitability to support hazel dormouse *Muscardinus avellanarius* based on best practice guidance (Bright, et al., 2006).

### Otter

The site was assessed for its suitability to support otter *Lutra lutra* using standing Government advice (Chanin, 2003).

### Bats

#### Roosting Bats – Buildings / Structures / Trees

Any suitable buildings, structures or trees on site were assessed from the ground for their suitability to support breeding, resting and hibernating bats using survey methods based on the BCT *Bat Surveys for Professional Ecologists: Good Practice Guidelines* (Collins, 2016) – hereafter referred to as the ‘BCT Guidelines’.

#### Foraging / Commuting Bats

Potential habitat for foraging and commuting bats were assessed on site according to the BCT Guidelines.

### Birds

Bird species identified at the time of survey were noted and nesting birds recorded as seen. An assessment of habitats was undertaken to determine the likely value to breeding and foraging birds.

### Great Crested Newt & Common Amphibians

The site was appraised for its suitability to support great crested newt *Triturus cristatus* based on guidance outlined in the Herpetofauna Workers’ Manual (Gent & Gibson, 2003) and the *Great Crested Newt Conservation Handbook* (Langton, et al., 2001). This appraisal also considered waterbodies within 500m of the site and their potential to be used for breeding newts. Each pond was assessed using the Habitat Suitability Index (HSI) (Oldham, et al., 2000) which assigns a value to the pond calculated from 10 pre-identified features. The HSI value gives a correlation of likely use by GCN and below 0.46 the waterbody is considered to have less likelihood of GCN presence however this metric is a guide and should be assessed on a site-by-site basis as waterbodies with low HSI have been known to support GCN.

Habitat suitability and evidence of other common amphibians was recorded on site where relevant.

### **Reptiles**

The site was appraised for its suitability to support reptiles using guidance outlined in the Herpetofauna Workers' Manual (Gent & Gibson, 2003).

### **Invertebrates**

The site habitats were appraised for suitability to support assemblages of invertebrates and commented on in the report as appropriate.

### **Other Species**

The site was also appraised for its suitability to support other protected or notable fauna with regard to the Guidelines for Preliminary Ecological Appraisal (CIEEM, 2017) and BS42020:2013 Biodiversity – Code of Practice for Planning and Development (BSI, 2013). Evidence of any current or historical presence of such species was recorded.

### **Invasive Species**

Evidence of species listed on Schedule 9 of the Wildlife and Countryside Act (1981) as amended, were recorded as seen.

### **Scoped Out**

Hazel dormice have been scoped out of the survey as Leicestershire is outside of the species current range.

## **2.3 HABITAT ASSESSMENT**

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### **2.3.1 Habitats and Hedgerows**

#### **Pre-development**

The pre-development habitats were mapped in accordance with the UK Habitat Classification Habitat Definitions (Butcher, Carey, Edmonds, Norton, & Treweek, 2020). The areas of identified habitats were calculated in hectares (ha) to two decimal places. These habitats were assessed during the site survey and, where necessary, were updated to reflect the habitats as currently present on site. The pre-development habitats are shown in Figure 2. The area of identified habitats is calculated in hectares (ha), ignoring linear features such as hedgerows or ditches (the area should be measured to the centre line of such features). The length of linear features is measured separately in kilometres (km).

The habitats were converted for use in the Biodiversity Metric 4.0 (Natural England, 2023a) with the pre-development habitats mapped in Figure 2. Further detail of habitat descriptions and target notes can be found in Appendices C and D.

### **2.3.2 Rivers**

Streams and canals have been given a precautionary score of 'good' for the purpose of this assessment to calculate a best-case value for watercourse biodiversity units. They will require further survey to confirm their condition and are beyond the scope of this assessment. Ditches have been assessed as part of the Biodiversity Net Gain condition assessment.

### **2.3.3 Habitat Distinctiveness**

Each habitat is assigned a score for distinctiveness. Distinctiveness includes parameters such as species richness, diversity, rarity (at local, regional, national and international scales) and the degree to which a habitat supports species rarely found in other habitats (Natural England, 2023b). The categories for distinctiveness within the Biodiversity Metric 4.0 are shown within Table 4.

**Table 4: Categories and scores for distinctiveness**

Distinctiveness Category	Categories	Score
Very high	Priority Habitats as defined in Section 41 of the Natural Environment and Rural Communities (NERC) Act that are highly threatened, internationally scarce and require conservation action, for example blanket bog. Small amount of remaining habitat with a high proportion unprotected by designation. Critically Endangered European Red List habitats. Species-rich native hedgerow with trees - associated with bank or ditch.	8
High	Priority Habitats as defined in Section 41 of the NERC Act requiring conservation action, for example lowland fens. Remaining Priority Habitats not in very high distinctiveness band and other Near Threatened and Vulnerable Red List habitats. Species-rich native hedgerow with trees; Species-rich native hedgerow - associated with bank or ditch; or Native hedgerow with trees - associated with bank or ditch.	6
Medium	Semi-natural habitats not classed as a Priority Habitat but with significant wildlife benefit, for example mixed scrub. Arable field margins (Priority Habitat only). Species-rich native hedgerow; Native hedgerow - associated with bank or ditch; Native hedgerow with trees; Ecologically valuable line of trees; or Ecologically valuable line of trees - associated with bank or ditch.	4
Low	Habitat of limited biodiversity value for example temporary grass and clover ley. Agricultural and urban land of lower biodiversity value. Native hedgerow; Line of trees; or Line of trees - associated with bank or ditch.	2
Very low (Hedgerow module)	Non-native and ornamental hedgerow	1
Very low (area and watercourse module)	Little or no biodiversity value for example hard standing or sealed surface	0

### 2.3.4 Habitat Condition

The condition of each habitat is assessed using the methods set out in the Biodiversity Metric 4.0 - Technical Annex 1 - Condition Assessment Sheets and Methodology (Natural England, 2023c).

This approach determines how many of the condition criteria descriptions for each habitat type are met or are not met. For each habitat type, thresholds then apply for the numbers of condition criteria that must be met.

Conditions and associated scores in the Biodiversity Metric 4.0 are as follows:

- Good: 3
- Fairly Good: 2.5
- Moderate: 2
- Fairly Poor: 1.5
- Poor: 1
- Condition Assessment N/A: 1
- N/A - Other: 0

Hedgerows and Line of Trees have a simplified condition assessment of Good, Moderate or Poor.

A number of lower distinctiveness habitats including cropland, urban habitat and bramble scrub are assigned default values and do not require a detailed condition assessment. The details of all habitats, hedgerows and rivers which are automatically assigned a poor condition value are set out in Biodiversity Metric 4.0 - Technical Annex 1 - Condition Assessment Sheets and Methodology (Natural England, 2023c). The baseline condition assessment data results can be found in Appendix D.

### 2.3.5 Strategic Significance

The strategic significance of a site within the Biodiversity Metric 4.0 is based upon several factors;

- If the site is identified within a local planning policy as a biodiversity and nature or green infrastructure improvement areas.
- If the habitats are identified as habitats of principal importance (HPIs) or LBAP habitats.

Strategic significance scores in the Biodiversity Metric 4.0 are detailed in Table 5.

**Table 5: Strategic significance and corresponding scores**

Condition	Criteria Met	Score
High strategic significance	Where the location has been identified within a local plan, strategy or policy as being ecologically important for the specific habitat type or where that habitat has been identified as being locally ecologically important.	1.15
Medium strategic significance	Where there is no relevant plan, strategy or policy in place, professional judgement may be used to justify the use of the medium strategic significance category. This judgement should consider the importance of that habitat in providing a linkage between other strategic locations.	1.1
Low Strategic Significance	If the habitat is not included in local plans, strategy or policy, and there is no evidence to suggest that the habitat is of medium strategic significance.	1

### **Pre-development strategic significance**

Green wedge designations in Oadby and Wigston Borough and throughout Leicestershire are strategic areas of undeveloped land between urban areas that provide access to the countryside (The Borough of Oadby and Wigston Local Plan, 2019). The sites that fall within green wedge areas have been given a high strategic significance. Habitat features that are designated as LWS have also been allocated a high strategic significance. Any habitats not included within Green Wedges or Local Wildlife Sites have been allocated a low strategic significance.

## **2.4 LIMITATIONS**

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The optimal period for botanical surveys is between April and September, although specific habitats and species have their own optimal periods for survey. All site visits were carried out between April and September and were adequate for assessing value of the sites.

Any absence of desk study records cannot be relied upon to infer absence of a species/habitat as the absence of records may be a result of under-recording within the given search area.

To determine presence or likely absence of protected species usually requires multiple visits at suitable times of the year. This survey focuses on assessing the potential of the site to support species of note, which are considered to be of principal importance for the conservation of biodiversity with reference to those given protection under UK or European wildlife legislation, from only a single visit. This report cannot, therefore, be considered a comprehensive assessment of the ecological interest of the sites. However, it does provide an assessment of the ecological interest present on the days the sites were visited and highlights areas where further survey work may be recommended.

Biodiversity Net Gain calculations are on an individual site basis and where sites share boundaries they may be counted twice, if the sum of units for all sites is required. Streams and canals have been given a precautionary score of 'good' for the purpose of this assessment and they will require further survey to confirm their condition.

OAD\_001 was not accessed or surveyed due to not receiving permission to survey and has therefore habitats present have been identified from aerial imagery and desk study only, with all assumed habitats on site been given a good condition as a precautionary measure. One field of grassland at OAD\_006 was not accessed due to cattle, but a species list was compiled from the adjacent field which was managed in the same way. Therefore, this is not considered a limitation that would affect the conclusion of our assessment.

## OAD\_001 – LAND AT STOUGHTON GRANGE FARM

### SITE DESCRIPTION

The site is located to the north-west of Oadby, adjacent to Stoughton Grange and is to the north of the B582 in Leicestershire and is centred at Ordnance Survey National Grid Reference SK63020226 (Figure 1a.3). The site was not visited due to access restrictions and has been mapped as grassland, woodland and sealed surface.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 6 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.4).

**Table 6. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site - 0.00	N
Stoughton Grange, Dam's Spinney and lake	LWS	On site - 0.00	N
Roadside near Stoughton Farm Park	LWS	On site - 0.00	N
Leicestershire Golf Course and adj sites	LWS	0.06	WNW
Stackyard Spinney	LWS	0.16	SSW
Gartree Rd mature trees	LWS	0.42	ESE
Evington Green	LWS	0.50	NNW
Oadby, boundary hedgerow	LWS	0.74	SE
Mature pedunculate oak (pLWS B)	LWS	0.83	ESE
Blackthorn Manor Pond	LWS	0.97	SW
Tanglewood, Oadby - Ash tree	LWS	1.16	WSW
Unnamed	Green Wedge	1.64	WSW
Racecourse Meadow	LWS	1.73	WSW
Fludes Lane & Spinney	LWS	1.76	S
Oadby Grange Country Park	LWS	1.78	SSE
Severn Road wet meadow	LWS	1.80	S
Hermitage Hotel Beech	LWS	1.88	SSW



## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and includes parts of the Stoughton Grange, Dam's Spinney and lake cLWS and part of the Roadside near Stoughton Farm Park LWS. It has reasonable connectivity to the surrounding landscape via the nearby hedgerows to Shady Lane Arboretum to the west. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are several parcels. These include the Stoughton Grange, Dam's Spinney and lake which is partially on site, and stackyard spinney which is located 0.2km to the south-west.

## HABITATS

The following habitats have been identified from **aerial imagery only and have been given a good condition as a precautionary measure**, the UK Habitat Classification map can be found in Figure 4.3.

**Table 7. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>w1g Other woodland; broadleaved</b>	Woodland along the eastern edge of the site parts of which are associated with the Stoughton Grange, Dam's Spinney and lake cLWS and the Roadside near Stoughton Farm Park LWS.	Partially already designated.	Good (Precautionary)
<b>g3c Other neutral grassland</b>	Grassland that makes up most of the western half of the site.	Unknown – Site visit required to provide evidence.	Good (Precautionary)
<b>u1b Developed land; sealed surface</b>	Areas of mixed, ongoing development.	Not applicable.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated approximately at 58.24 biodiversity units.

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.3). Protected and notable species identified as a receptor for the site are detailed in Table 8.

**Table 8. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	✓	Amber Risk	-	-	-

### Species Summary

**Based on the habitats present on site, the following protected or notable are potentially present on site.**



- **Birds:** Swallows *Hirundo rustica* have been recorded on site. Woodland and grassland habitat on site has the potential to support nesting birds.
- **GCN:** District Level Licence Natural England Risk Zone: majority amber, partially green.

## OAD\_002 – LAND SOUTH OF GARTREE ROAD

### SITE DESCRIPTION

The site is located to the north-west of Oadby, near Stoughton Grange and is to the south of the B582 in Leicestershire and is centred at Ordnance Survey National Grid Reference SK63510143 (Figure 1a.4). It forms part of the larger OAD\_009/010/011 site and as such has been surveyed at the same time. The site is predominantly agricultural land with hedgerows dividing the two fields. Habitats recorded here were temporary grass and clover leys, species-rich native hedgerows with trees, native hedgerows, ditches, lowland mixed deciduous woodland, bramble scrub and lines of trees.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 9 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.4).

**Table 9. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site	N
Gartree Rd mature trees	LWS	On site	N
Oadby, boundary hedgerow	LWS	On site	N
Mature pedunculate oak (pLWS B)	LWS	0.06	ESE
Roadside near Stoughton Farm Park	LWS	0.16	NW
Stoughton Grange, Dam's Spinney and lake	LWS	0.31	NNW
Stackyard Spinney	LWS	0.61	WNW
Leicestershire Golf Course and adj. sites	LWS	0.78	WNW
Blackthorn Manor Pond	LWS	0.80	W
Oadby Grange Country Park	LWS	0.81	SE
Fludes Lane & Spinney	LWS	0.85	S
Severn Road wet meadow	LWS	0.90	S
Washbrook Stream	LWS	1.11	SSE
Oadby Grange lake	LWS	1.11	SSE
Hermitage Hotel Beech	LWS	1.21	SW
Evington Green	LWS	1.24	NNW
Gorse Pasture Oadby	LWS	1.36	SSE
Oadby Grange Ash	LWS	1.50	SE

Site Name	Designation	Distance from Site (km)	Direction
Tanglewood, Oadby - Ash tree	LWS	1.53	WNW
Stretton Hall hedgerows	LWS	1.53	ESE
Unnamed	Green Wedge	1.55	W
Opposite Invicta Park Oadby	LWS	1.63	SW
Racecourse Meadow	LWS	1.68	W
Lucas Marsh	LNR / LWS	1.71	SW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR / LWS	1.75	SW
Brock's hill mature trees	LWS	1.82	SW
Glen Gorse Golf Course	LWS	1.95	S

### Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and includes three cLWS trees along its northern boundary. There is also a pLWS hedgerow along the eastern boundary of the site. It has reasonable connectivity to the surrounding landscape via the hedgerows to Stoughton Pitches to the west and agricultural land to the west. However, the B582 to the north and residential developments to the south and west limit connectivity in those directions. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are several parcels. These include Stackyard Spinney which is located 0.95km to the north-west, as various smaller parcels the closest of which is 0.5km east of the site centre. There is reasonable connectivity to the nearest woodland parcel via hedgerow links, but the other parcels are further away and less well connected.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.4, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 10. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>c1b Temporary grass and clover leys</b></p> <p>OAD_002/009: TN15, TN24</p>	<p>Fields 1 and 2 are temporary grassy leys with dominant perennial-ryegrass <i>Lolium perenne</i> and white clover <i>Trifolium repens</i>. Cover 100%. Tall herb vegetation around edges in small areas, mostly associated with hedgerows. Vegetation height to 25cm.</p>	<p>Not applicable due to lack of annual flora associated with arable fields.</p>	<p>N/A</p>
<p><b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b></p> <p>OAD_002/009: TN5 (Hedge 1); TN7 (Hedge 2).</p>	<p>Hedge 1: Native species-rich hedgerow with trees and associated ditch and scattered trees along the northern boundary. Height varied from 3m to 6m. Not gappy. Cover 100%. Within this hedgerow there are mature trees that are likely suitable for selection as a LWS (TN1, TN3, TN4).</p> <p>Hedge 2: Regularly managed hedgerow with ash <i>Fraxinus excelsior</i> standards. The hedge is 3m tall by 3.5m wide. There are only gaps where there are gateways. The ditch has a small amount of water flow so has been condition assessed (see below). Hedgerow ground flora as hedge 1.</p>	<p>Hedgerows 1 and 2 likely qualify as pLWS on having more than 6 locally native trees or shrubs per 30m. Three cLWS trees have already been flagged on the northern boundary (hedge 1) and the current survey also noted these trees as pLWS. Parts of hedge 2 have been flagged as pLWS in 2008. There is a veteran ash tree that may be suitable for selection as a pLWS in hedge 2 (TN12).</p>	<p>H1: Good H2: Good</p>

Habitat	Result	LWS Status & Potential	Condition
<b>h2a 190 Native hedgerow with trees and associated ditch</b> OAD_002/009: TN25 (Hedge 3).	A hawthorn <i>Crataegus monogyna</i> hedgerow with trees and ditch. It was fairly gappy at the eastern end and was 3m tall by 3m wide. There were standard ash trees and localised bramble <i>Rubus fruticosus</i> scrub up in some areas but overall, a high-quality hedgerow with relaxed management.	Due to lower woody species count this hedge is unlikely to meet LWS selection criteria.	Good
<b>h3d Bramble scrub</b> OAD_002/009: TN13, TN28, TN31	An area of bramble scrub that is 1.5m high to 3.5m wide. It seems to be located where the hedgerow used to run as its associated with the same ditch. This habitat is found throughout the site associated with outgrown linear features and boundaries.	Not applicable due to being beneath 1 ha in extent.	N/A
<b>Ditch</b> OAD_002/009: TN9	Ditch with a small amount of flow, associated with Hedge 2. Around 1m wide by 25cm deep. Great willowherb <i>Epilobium hirsutum</i> was abundant here.	Not applicable.	Moderate
<b>w1g6 Line of Trees; Ecologically valuable</b> OAD_002/009: TN16-19, TN32-36	LoT1: Line of mature hybrid black poplar <i>Populus x canadensis</i> trees (TN16) along the north-eastern boundary with some ivy <i>Hedera helix</i> cover.	LoT1: Many of the hybrid black poplars <i>Populus x canadensis</i> are over 3.77m girth at chest height and likely qualify as pLWS (TN18, TN19). LoT2: As there are many mature / near-veteran trees in this boundary feature, it may qualify for selection as an LWS. There are beech trees with a	LoT1: Moderate LoT2: Moderate

Habitat	Result	LWS Status & Potential	Condition
	Lot2: Trees along the southern boundary between arable land and residential gardens. Mostly oak <i>Quercus robur</i> and beech <i>Fagus sylvatica</i> , mature nearing veteran trees (See TNs 33-36).	girth of approximately 4m at chest height (TN34,35) and a sycamore <i>Acer pseudoplatanus</i> that reaches near 5m girth (TN36).	
<b>f2f Other swamps (Spring and flush)</b> OAD_002/009: TN27 & TN30	A flushed area that is too small to map, which is dominated by rushes and Yorkshire fog <i>Holcus lanatus</i> . A small runnel is present beneath where the spring emerges then disappears into the vegetation. Cover 95%, vegetation height is varied and tussocky from 45cm down to 5-10cm.	Does not qualify due to small size.	Moderate
<b>w1f Lowland mixed deciduous woodland</b> OAD_002/009: TN21	A broadleaved woodland that is approximately 30m wide by 25m tall with 100% canopy cover. There is a ditch on west side. Possibly a plantation around original hedgerow trees. Log piles present. Hybrid Bluebells <i>Hyacinthoides</i> × <i>massartiana</i> at SK63340163.	Does not qualify as there are no ancient woodland indicator species for Leicestershire (requires at least 4) and is smaller than 1 ha.  On the edge of the woodland there is a mature ash tree with a large hole that may be suitable for selection as a pLWS (TN20).	Moderate

## Habitat Summary

Overall, the area-based habitats were calculated at 59.89 biodiversity units and hedgerow units were calculated at 43.82 biodiversity units. There are two hedgerows (hedgerows 1 and 2) and several additional trees (TNs 12, 18-20 and 34-36) that may be suitable for selection as LWS on this site, which are detailed in Table 10. There are currently three previously designated mature trees (Gartree Road mature trees) in hedgerow 1 and hedgerow 2 is partially designated as a LWS (Oadby, boundary hedgerow).



## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.4). Protected and notable species identified as a receptor for the site are detailed in Table 11.

**Table 11. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	✓	Amber Risk	-	-	-
Field Survey	█	-	-	-	✓ Roosting & Commuting.	✓	✓ (TN9)	✓ (TN17)	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- Bats:** There are many trees within the site that may be suitable for roosting bats, see OAD\_002/009 TNs: 1,3,4,10,11,16, 23,26,29,34 and 36), the hedgerows are suitable for commuting bats.
- Birds:** Spotted flycatcher *Muscicapa striata* recorded on site from the desk study, large cavities in an oak tree (TN20) may be suitable for barn owl *Tyto alba*. Woodland and hedgerows on site are suitable for a range of nesting birds, with blue tits *Cyanistes caeruleus* observed nesting in the hedgerow (TN7).

- **GCN and Amphibians:** There are ditches associated with hedgerows and a wet ditch that may support common amphibians (TN9). District Level Licence Natural England Risk Zone: majority amber, partially green.
- **Reptiles:** There is a pile of logs and brash that may be suitable for reptiles (TN17).

## OAD\_003 – LAND TO THE WEST, SOUTH AND EAST OF SPIRE LEICESTER HOSPITAL, GARTREE ROAD

### SITE DESCRIPTION

The site is located to the north-east of Oadby, near Stoughton Grange and is to the south of the B582 in Leicestershire and is centred at Ordnance Survey National Grid Reference SK62600213 (Figure 1a.5). The site sites directly north of OAD\_004. It comprises two main parcels of other neutral grassland with areas of lowland mixed deciduous woodland, mature trees, veteran trees, hedgerows, and bramble scrub.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 12 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included as well as ancient woodland within 2km (Figure 2a.5)

**Table 12. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site – 0.00	N
Stackyard Spinney	LWS	On site – 0.00	N
Leicestershire Golf Course and adj sites	LWS	0.01	NNE
Roadside near Stoughton Farm Park	LWS	0.32	ESE
Stoughton Grange, Dam's Spinney and lake	LWS	0.36	ENE
Blackthorn Manor Pond	LWS	0.48	SSW
Tanglewood, Oadby - Ash tree	LWS	0.58	WSW
Evington Green	LWS	0.69	NNE
Gartree Rd mature trees	LWS	0.80	ESE
Oadby, boundary hedgerow	LWS	1.08	ESE
Unnamed	Green Wedge	1.12	SW
Racecourse Meadow	LWS	1.16	SW
Mature pedunculate oak (pLWS B)	LWS	1.20	ESE
Hermitage Hotel Beech	LWS	1.49	S
Fludes Lane & Spinney	LWS	1.68	SSE
Severn Road wet meadow	LWS	1.72	SSE

Site Name	Designation	Distance from Site (km)	Direction
Opposite Invicta Park Oadby	LWS	1.84	SSW
Oadby Grange Country Park	LWS	1.89	SE
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR / LWS	1.95	SSW
Lucas Marsh	LNR / LWS	1.97	SSW

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and includes small sections of a designated LWS; Stackyard Spinney (Figure 2a.5). It has reasonable connectivity to the surrounding landscape via the LWS and hedgerows to Stoughton Pitches to the east. However, the B582 to the north and residential developments to the south and west limit connectivity in those directions toward Leicestershire golf course. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are multiple parcels. These include Stackyard Spinney which is located partially within and directly connected to the site, as well as shady lane arboretum and Judge Meadow Spinney 0.25km to the north and Dam's Spinney 0.7km to the north-east.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.5, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix .

**Table 13. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>w1f7 Lowland mixed deciduous woodland</b> OAD_003: TN1	A mixed species deciduous woodland with numerous white poplar <i>Populus alba</i> suckers and large stand of snowberry <i>Symphoricarpos albus</i> . Mostly pedunculate oak <i>Quercus robur</i> in the canopy. Ivy dominated the ground flora. There was a slack line installed between two trees and dry ditches were present in the woodland.	Currently designated as a LWS called 'Stackyard Spinney' due to "mature trees - 7 <i>Quercus</i> sp., 20+ mature trees with heart-rot per and species-rich hedgerow, with woodland."	Moderate
<b>g3c6 Other neutral grassland; <i>Lolium-Cynosurus</i> grassland</b> OAD_003: TN4, TN16	Two neutral grassland parcels with abundant Yorkshire fog <i>Holcus lanatus</i> , meadow buttercup <i>Ranunculus acris</i> and perennial rye-grass <i>Lolium perenne</i> . Height to 75cm, cover 100%. There are two fields which are both managed as a hay cut. Field 1 (TN4) had an average of 10 spp. per m2 and Field 2 (TN16) had an average of 8.8 spp. per m2.	Four species listed in the mesotrophic grassland species list for LWS selection were found within field 1, and two species from the list were found in field 2. Not suitable for selection as LWS grassland.	F1: Good F2: Moderate

Habitat	Result	LWS Status & Potential	Condition
<p><b>h2a5 190 Species-rich native hedgerow with trees</b></p> <p>OAD_003: TN7 (Hedge 1); TN17 (Hedge 3).</p>	<p>Hedge 1: A scrubby hedgerow forms the western boundary of field 1. Width to 5m, height to 4m. Standard wild cherry <i>Prunus avium</i> and Ash <i>Fraxinus excelsior</i> trees. Starts scrubby at the southern end then thins out.</p> <p>Hedge 3: Hedgerow that surrounds field 2. Very variable hedge, shrub component from 1.5m to 4m tall, and 1.5 to 3.5m wide. South side blackthorn <i>Prunus spinosa</i> dominated, west and north more mixed with dogwood <i>Cornus sanguineus</i>.</p>	<p>Hedgerows 1 and 3 may qualify as pLWS, due to having more than 6 locally native trees or shrubs per 30m. Within hedgerow 1 there is a veteran ash tree likely suitable for selection as a LWS (TN8).</p> <p>There are several mature trees within hedge 3 that may be suitable for selection as LWS due to girth, see OAD_003: TN19, TN20 and TN21.</p>	<p>H1: Good H3: Good</p>
<p><b>h2a 190 Native hedgerow with trees</b></p> <p>OAD_003: TN13 (Hedge 2)</p>	<p>Native hedgerow between the northern section of field 1 and the road, with oak standards to 30m tall. The hedge is gappy and shaded, mostly comprised of blackthorn. Cover 95%. There are several mature oak (<i>Q. robur</i>) trees in hedge 2 (TN14) with split limbs and ivy covering. Some reaching 3-3.5m girth and are already a qualifying feature of the Stackyard Spinney LWS.</p>	<p>Part of this hedgerow is designated as a LWS called Stackyard Spinney due to the mature trees.</p>	<p>Good</p>
<p><b>h3d Bramble scrub</b></p> <p>OAD_003: TN12</p>	<p>Bramble scrub outgrown from hedgerow. Height to 2m. Cover 100%.</p>	<p>Does not qualify for selection as LWS under the scrub criteria.</p>	<p>N/A</p>

Habitat	Result	LWS Status & Potential	Condition
<b>Rural Trees</b> OAD_003: TN2, TN5	There is a multi-stemmed large-leaved lime <i>Tilia platyphyllos</i> (TN2) within the woodland parcel that may be suitable for selection as LWS. There is also a group of mature oak trees (approximately 6 or 7 trees) at the southernmost extent of the site (TN5) in good condition.	Mature Tree pLWS (TN2)	Good
<b>Rural Trees (Veteran)</b> OAD_003: TN10	There are two pedunculate oak trees that are both mature near-veteran with many features suitable for bats. The southern tree with many split limbs and measured at 6m girth at chest height, bumblebees nesting in cavity. The northern tree approx. 5.5m at chest height, with split limbs and cavities. Likely suitable for selection as LWS.	Two near veteran trees pLWS (TN10)	Moderate

### Habitat Summary

Overall, the area-based habitats were calculated at 78.57 biodiversity units and Hedgerow units were calculated at 37.81 biodiversity units. There are two hedgerows and four trees that may be suitable for selection as LWS on this site, which are detailed in Table 13.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.5). Protected and notable species identified as a receptor for the site are detailed in Table 14.

**Table 14. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	■	-	-	-	✓	✓	Amber Risk	-	-	-
Field Survey	■	-	-	-	✓ Roosting, Foraging & Commuting	✓	-	-	-	✓

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- Bats:** There are many trees within the site that may be suitable for roosting bats, see OAD\_003 TNs: 3,5,8-11, 14,15 and 22. There are also hedgerows (TN7, 13 and, 17) that provide commuting routes as well as grasslands (TN4 and 16) for foraging.
- Birds:** Spotted flycatcher recorded from woodland on site, green woodpecker *Picus viridis* seen in woodland (TN3) during field surveys and the habitats on site are suitable for nesting birds.
- GCN:** District Level Licence Natural England Risk Zone: majority amber, partially green.
- Invasive species:** Schedule 9 plant species Variegated yellow archangel *Lamiastrum galeobdolon* subsp. *argentatum* was present beneath trees at TN5 and TN6.



## OAD\_004 – LAND NORTH OF MANOR ROAD

### SITE DESCRIPTION

The site is located to the north of Oadby, near the University of Leicester Sports Centre and is directly north of Manor Road. The site is centred at Ordnance Survey National Grid Reference SK62590164 (Figure 1a.6). It is directly adjacent to the south of OAD\_003. The site is predominantly used as a series of horse paddocks divided by wire fences with scattered scrub areas, a hedgerow on the western boundary and a stand of rural trees in the northern corner (see OAD\_004). Habitats recorded here were other neutral grassland; *Lolium-Cynosurus* grassland, hawthorn scrub, native species-rich hedgerow with trees, mature trees and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 25 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.6).

**Table 25. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.01	N
Stackyard Spinney	LWS	0.30	NNE
Blackthorn Manor Pond	LWS	0.32	SW
Leicestershire Golf Course and adj sites	LWS	0.44	NNE
Roadside near Stoughton Farm Park	LWS	0.50	ENE
Stoughton Grange, Dam's Spinney and lake	LWS	0.72	NE
Tanglewood, Oadby - Ash tree	LWS	0.82	WNW
Gartree Rd mature trees	LWS	0.86	E
Unnamed	Green Wedge	1.03	WSW
Oadby, boundary hedgerow	LWS	1.05	ESE
Racecourse Meadow	LWS	1.13	WSW
Evington Green	LWS	1.16	N
Mature pedunculate oak (pLWS B)	LWS	1.23	E
Hermitage Hotel Beech	LWS	1.32	S
Fludes Lane & Spinney	LWS	1.54	SSE
Severn Road wet meadow	LWS	1.58	SSE

Site Name	Designation	Distance from Site (km)	Direction
Opposite Invicta Park Oadby	LWS	1.67	SSW
Oadby Grange Country Park	LWS	1.78	SE
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR / LWS	1.78	SSW
Lucas Marsh	LNR / LWS	1.80	SSW
Brock's hill mature trees	LWS	1.84	SSW
Knighton Park hedgerows	LWS	1.98	WSW

### Connectivity

The site is currently adjacent to a Green Wedge but not included within. The site is well connected to OAD\_003 and on to Stackyard Spinney LWS but otherwise, connectivity is fairly limited with a main road isolating the site from the sports pitches and hedgerows along Blackthorn Lane and Southmeads Road to the south which leads to Blackthorn Manor Pond LWS. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are several parcels. The closest of which is Stackyard Spinney which is located 0.45km to the north-east.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.6, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 16. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>Other neutral grassland; <i>Lolium-Cynosurus</i></b> OAD_004: TN1	A series of small horse paddocks, divided by wire fences, grazed in rotation. Cover 65% with large areas of bare, poached ground. Vegetation height from 0-10cm. Many tall weedy species in patches. Surrounded by wire fence. There are standard scattered hawthorn <i>Crataegus monogyna</i> bushes in the northern most parcel as well as a stand of rural trees (see OAD_003).	Does not qualify for selection as LWS under the grassland criteria.	Moderate
<b>h3f Hawthorn scrub</b> OAD_004: TN2	Scattered hawthorn standards to 6m tall. With ivy and elder <i>Sambucus nigra</i> .	Does not qualify for selection as LWS under the scrub criteria.	Poor

Habitat	Result	LWS Status & Potential	Condition
<b>h2a 190 Species-rich native hedgerow with trees</b> OAD_004: TN3	A neglected hedgerow forming the western and southern boundaries, dividing the site from the pathway and gardens to the west. It is scrubby at northern end. Average height including the trees is 15-20m. The width varies from 5m to 1.2m. Shrub layer sparse at southern end. There is also a chicken coop and access gates at southern edge. There is a mature ash tree with dense covering of ivy.	Due to lower woody species count this hedge is unlikely to meet LWS selection criteria.	Moderate
<b>u1 910 Outbuildings / Garden Allotment</b> OAD_004: TN6	Area with stables and small garden on grassland parcel. Not grazed currently.	Not applicable.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 4.60 biodiversity units and Hedgerow units were calculated at 2.52 biodiversity units. There are no features suitable for selection as LWS on this site.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.6). Protected and notable species identified as a receptor for the site are detailed in Table 17.

**Table 17. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	-	Amber Risk	-	-	-
Field Survey	I	-	-	-	✓ Roosting & Foraging	✓	-	-	-	-

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

- **Bats:** There is a tree within the hedgerow (TN3, TN5) that may be suitable for roosting bats but is obscured by Ivy. The hedgerow may also provide commuting opportunities for bats.
- **Birds:** Woodland and scrub may support common and widespread nesting birds
- **GCN:** District Level Licence Natural England Risk Zone: majority amber, partially green.

## OAD\_005 – LAND NORTH OF PALMERSTON WAY

### SITE DESCRIPTION

The site is located in the Oadby area to the west of Leicester Racecourse and is separated from the racecourse by Palmerston Way. The site is centred at Ordnance Survey National Grid Reference SK61350131 (Figure 1a.7). The site is a set-aside that currently belongs to Leicester Racecourse, there are many planted birch *Betula pendula* that are coppiced in order to provide supplementary materials for the horse jumps on the racecourse. It is currently designated as a LWS due to the mesotrophic grassland present on an old ridge and furrow system and the mature trees present within the site. Habitats recorded here were other neutral grassland; *Arrhenatherum* grassland, blackthorn scrub, bramble scrub, a ditch, species-rich native hedgerow with trees, native hedgerow with trees and lines of trees.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 18 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.7).

**Table 18. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site	N
Racecourse Meadow	LWS	On site	N
Knighton Park hedgerows	LWS	0.56	SW
Knighton Spinney	LNR	0.59	WSW
Knighton Spinney LNR	LWS	0.59	WSW
Tanglewood, Oadby - Ash tree	LWS	0.65	NE
Blackthorn Manor Pond	LWS	0.78	E
Saffron Brook	LWS	0.85	W
Mature trees, Knighton Park	LWS	0.90	SW
Oadby Municipal Golf Course - Wet Grassland	LWS	1.00	S
Leicestershire Golf Course and adj sites	LWS	1.02	NNE
Unnamed	Green Wedge	1.19	ENE
Hermitage Hotel Beech	LWS	1.37	SE
Opposite Invicta Park Oadby	LWS	1.43	SSE
Brock's hill mature trees	LWS	1.45	SSE

Site Name	Designation	Distance from Site (km)	Direction
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	1.46	SSE
Stackyard Spinney	LWS	1.48	ENE
Lucas Marsh	LNR/LWS	1.57	SSE
Roadside near Stoughton Farm Park	LWS	1.74	ENE
Stoughton Grange, Dam's Spinney and lake	LWS	1.91	ENE
Spinney Pond, Brock's Hill Country Park	LWS	1.99	SSE

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and the majority is designated as a LWS known as Racecourse Meadows (Figure 2a.7). In terms of connectivity the site is fairly isolated, with main roads delimiting the northern, eastern and southern boundaries. It is included within the same green wedge as the racecourse, however due to Palmerston Way and the Ring Road, connectivity with this green wedge is limited. The western boundary abuts residential gardens, but there is also limited connectivity to the west, due to Shanklin Drive. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are multiple parcels. The closest three parcels are directly connected to the site, situated within the site boundary.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.7, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 19. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>g3c5 Other neutral grassland; <i>Arrhenatherum</i> grassland</b></p> <p>OAD_005: TN1</p>	<p>Mesotrophic grassland with an old ridge and furrow system that is very pronounced. The grassland is dominated by false oat-grass <i>Arrhenatherum elatius</i> but with meadow indicators. The sward is tussocky and quite rank in places, with no grazing or cutting for at least ten years according to land manager. Vegetation cover 100%, height approximately 50cm.</p> <p>There is more tufted hair-grass <i>Deschampsia cespitosa</i> and hairy sedge <i>Carex hirta</i> toward the ditch. There are localised pockets of species richness but there are also large areas of species-poor grassland. Management should be resumed to maintain the species-rich areas and to help diversify the sward.</p>	<p>Currently designated as a LWS due to mesotrophic grassland, still qualifies but needs management to stop the loss of grassland diversity.</p>	<p>Good</p>



Habitat	Result	LWS Status & Potential	Condition
<b>h3a6 Other blackthorn scrub</b> OAD_005: TN2	Blackthorn suckers are encroaching from the boundary feature in many places. Height is approximately 3m.	Does not qualify for selection as LWS under the scrub criteria.	Moderate
<b>h3d Bramble scrub</b> OAD_005: TN3	Bramble scrub is present in several places around the periphery of the site. With frequent common nettle <i>Urtica dioica</i> and large bindweed <i>Calystegia silvatica</i> . Cover 100%, height on average is 65cm.	Does not qualify for selection as LWS under the scrub criteria.	N/A
<b>Ditch/Stream</b> OAD_005: TN4	There is a culverted ditch/stream running south-east to north-west with clear water with good flow following heavy rain.	Does not qualify for selection as LWS under the watercourse criteria.	Poor
<b>h2a5 190 Species-rich native hedgerow with trees</b> OAD_005: TN5	Hedge 1: This hedgerow forms the entire boundary of the site and is lightly managed once a year. There are many trees, and the shrub component is well developed. Approximate height of shrub component is 3-4m, trees up to 20m. Cover 95%.	Currently designated as a LWS due to species-rich hedgerows.	Good

Habitat	Result	LWS Status & Potential	Condition
<b>h2a6 190 Native hedgerow with trees</b> OAD_005: TN9	Hedge 2: Hawthorn and ash dominated hedge that subdivides the two fields. There is a fallen tree (TN8), large ash tree (TN10) and turkey oak <i>Quercus cerris</i> (TN11) within. Average height 2m, width 1.5-2m. Many ash seedlings and saplings present throughout the length of the hedge.	Currently designated as a LWS due to species-rich hedgerows.	Good
<b>w1g6 Lines of trees</b> OAD_005: TN14	Many lines of silver birch <i>Betula pendula</i> that have been planted by the racecourse to coppice for building materials for horse jumps. The trees are planted directly into the grassland which is still present beneath. There are a handful of scattered hawthorn bushes. The ditch (TN4) runs beneath the trees.	Does not qualify for selection as LWS under the hedgerow or mature tree criteria.	Moderate

### Habitat Summary

Overall, the area-based habitats were calculated at 41.22 biodiversity units, Hedgerow units were calculated at 20.72 and Watercourse units at 0.42. The majority of the site is currently designated as the Racecourse Meadows LWS and the findings of the present survey support this designation. The habitats on site are of sufficient value as to be protected within the LWS designation.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.7). Protected and notable species identified as a receptor for the site are detailed in Table 20.

**Table 20. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	-	Amber Risk	-	-	-
Field Survey	█	-	-	-	✓ Roosting, Foraging & Commuting	✓	-	✓ (TN1)	-	-

**Species Summary**

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- [REDACTED]
- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs: 6,7, and 10. There is also a hedgerow (TN5) that provides a commuting route as well as grasslands (TN1) for foraging.
- **Birds:** Grey wagtail *Motacilla cinerea* seen in the ditch during field survey (TN4). The habitats on site are suitable for a range of nesting birds.
- **GCN:** District Level Licence Natural England Risk Zone: majority amber, partially green.
- **Reptiles:** The long tussocky grassland sward (TN1) provides suitable habitat for reptiles such as grass snake *Natrix helvetica* and slow worm *Anguis fragilis*.

## OAD\_006 – LAND AT OADBY GRANGE

### SITE DESCRIPTION

The site is located in the east Oadby area near Leicester. The site is centred at Ordnance Survey National Grid Reference SK64200015 (Figure 1a.8). The site is known locally as Oadby nature reserve. Parts of the site are currently designated as cLWS and LWS. Habitats recorded here were ponds, other swamps, mixed scrub, *Lolium-Cynosurus* neutral grassland, native hedgerows, the Wash Brook, lowland mixed deciduous woodland, bramble scrub, other woodland; broadleaved, *Arrhenatherum* neutral grassland, hawthorn scrub, scattered trees and *Deschampsia* neutral grassland.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 24 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.8).

**Table 23. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Oadby Grange Country Park	LWS	On site (0.00)	N
Oadby Grange Ash	LWS	On site (0.00)	N
Washbrook Stream	LWS	On site (0.00)	N
Fludes Lane & Hoot Spinney	LWS	On site (0.00)	N
Gorse Pasture Oadby	LWS	On site (0.00)	N
Oadby Grange lake	LWS	On site (0.00)	N
Stretton Hall hedgerows	LWS	0.17	SE
Severn Road wet meadow	LWS	0.24	WSW
Glen Gorse Golf Course	LWS	0.38	SW
Unnamed	Green Wedge	0.49	NNW
Grassland A6 Roundabout	LWS	0.55	S
Oadby, boundary hedgerow	LWS	0.60	NNW
Mature pedunculate oak (pLWS B)	LWS	0.86	N
Unnamed	Green Wedge	0.97	W
Gartree Rd mature trees	LWS	1.00	N
Roadside near Stoughton Farm Park	LWS	1.31	NNW
Hermitage Hotel Beech	LWS	1.37	W

Site Name	Designation	Distance from Site (km)	Direction
Stoughton Grange, Dam's Spinney and lake	LWS	1.48	NNW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	1.56	WSW
Brocks Hill Country Park and LNR, Oadby	LWS	1.56	WSW
Blackthorn Manor Pond	LWS	1.58	WNW
Lucas Marsh	LNR	1.62	WSW
Lucas Marsh	LWS	1.62	WSW
Stackyard Spinney	LWS	1.62	NW
Opposite Invicta Park Oadby	LWS	1.69	W
Brock's hill mature trees	LWS	1.74	W
Spinney Pond, Brock's Hill Country Park	LWS	1.79	WSW
Leicestershire Golf Course and adj sites	LWS	1.82	NW
Severn Oaks Farm great crested newt ponds	LWS	1.92	WSW

### Connectivity

Parts of the site are currently designated as LWSs, with three cLWSs known as Oadby Grange Country Park, Oadby Grange Lake and Oadby grange ash. There are two LWSs on the site which are Fludes Lane and Hoot Spinney and Wash brook Stream (Figure 2a.8). In terms of connectivity the site well connected to the wider agricultural landscape to the east. Connectivity to the west is limited due to residential development and the settlement of Oadby leading to Leicester city centre. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are multiple parcels. The two parcels are situated within the site boundary and are associated with the Wash Brook Stream and Fludes Lane and Hoot Spinney woodland. There are a further two parcels north-east of the boundary associated with Oadby Lodge Farm. There is also a woodland known as Glen Gorse to the east of the southern segment of the site which is a historic LWS.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.8, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 42. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>r1 19 Pond (Priority Habitat)</b> OAD_006: TN1	Pond surrounded by bulrush <i>Typha latifolia</i> . Water clarity is moderate, <i>Lemna</i> sp present at low quantity. Macrophytes are absent but marginal vegetation is present (see TN2).	Currently designated as a cLWS (Oadby Grange Lake) due to being a large lake (flood relief) with extensive beds of <i>Typha latifolia</i> and being excellent for <i>Odonata</i> (dragonflies and damselflies).	Moderate
<b>f2f Other swamps</b> OAD_006: TN2	Marginal aquatic vegetation surrounding the main pond. Dominated by bulrush.	Designated as part of the Oadby Grange Lake cLWS.	Good
<b>h3d Mixed scrub</b> OAD_006: TN4, TN8	TN4: Mixed hawthorn, bramble and blackthorn scrub surrounds the pond on all sides. Between the scrub there are patches of <i>Arrhenatherum</i> grassland and the scrub grades in and out of these forming an ecotone. There is a good mixture of scrub, bulrush swamp and grassland surrounding the pond.  TN8: Mixed scrub and glade that follows the path along the Wash Brook and surrounds the fields. Shrubs are mostly a	Does not qualify for selection as LWS under the scrub criteria.	TN4: Good TN8: Good

Habitat	Result	LWS Status & Potential	Condition
	similar age and eventually form the boundary to the southern field. There are scattered young ash trees with dieback and there is evidence of past coppicing of hazel <i>Corylus avellana</i> . Ground flora indicative of localised enriched conditions.		
<b>g3c6 Lolium-Cynosurus neutral grassland</b> OAD_006: TN5, TN16	TN5: Cattle grazed ridge and furrow grassland with consistent sward height and around 10% creeping thistle <i>Cirsium arvense</i> . With dilapidated farm buildings and scattered hawthorn scrub.  TN16: Not accessed due to cattle. Species list made from boundary and associated TN6.	Currently cLWS 'Oadby Grange Country Park'. Based on the field survey, the grassland here does not qualify for selection as a LWS on grassland criteria.	Moderate
<b>h2a5 Species-rich native hedgerow with trees</b> OAD_006: TN6,	Hedge 1 (TN6): Hawthorn hedge dividing two fields and surrounding the southern field with fence on field side. Seems relatively recent as some bushes have tree guards on. Height 5-6m width is hard to specify as it goes on to become scrub/plantation woodland, but interior face is managed as a hedgerow. Cover 99%, with hedgerow densely covered.	Does not qualify, due to lacking features from list A2 (Leicestershire County Council, 2011).	Good

Habitat	Result	LWS Status & Potential	Condition
<b>Native hedgerow</b> OAD_006: TN13, TN25	<p>Hedge 2 (TN13): Recently planted (c. 20 years) Hawthorn hedge to 2m tall by 2m wide. Cover 100%. Tree guards still in place.</p> <p>Hedge 3 (TN25): Planted native hedgerow on the site boundary near entrance that also surrounds the carpark. Seems to be recently planted, with a mixture of native species. Cover 100% width from 2m to 4.5m, height to 7m.</p>	Does not qualify for selection as LWS under the hedgerow criteria.	H2: Good H3: Good
<b>r2b Other rivers and streams</b> OAD_006: TN7	The Wash Brook stream passes through the site. It has a gravel bed with clear water flowing. Depth is approx. 30cm and channel width varies from 2m to 1m. Heavily shaded by scrub and woodland. River MoRPh required for full condition assessment.	Currently designated as LWS.	Unknown, precautionary 'Good'
<b>w1f7 Lowland mixed deciduous woodland</b> OAD_006: TN9	Mixed ash and oak woodland known as Hoot Spinney. Many mature oak and ash trees. Good vertical structure with a clear canopy and shrub layer. Canopy height 25m. Cover 100%. Many fallen trees and much deadwood. Meets LWS status. Bird boxes found throughout the woodland. Has a slightly damp element to it, with rare occurrences of crack willow <i>Salix fragilis</i> and meadowsweet <i>Filipendula ulmaria</i> .	Currently designated as LWS.	Good



Habitat	Result	LWS Status & Potential	Condition
<p><b>Scattered Trees</b></p> <p>OAD_006: TN10, TN17, TN20, TN21, TN23, TN27</p>	<p>TN10: Mature ash tree with girth to around 3m. Forks off into two main trunks, along the Wash Brook.</p> <p>TN17: Young ash and oak trees within g3c5 grassland. Height to 7m.</p> <p>TN20: There are numerous scattered semi-mature ash trees within grassland near entrance. Height to 11m.</p> <p>TN21: Mature ash tree on the bank of the Wash Brook. Covered in Ivy. Very large trunk at base approx. 3m girth. Suitable for selection as LWS but likely included in Wash Brook LWS.</p> <p>TN23: Field maple <i>Acer campestre</i> over grassland at nature reserve entrance. Semi-mature, height to 10m. Oversailing grassland beneath.</p> <p>TN27: Mature ash tree with girth to 3m and ivy covering, designated Oadby Grange Ash LWS.</p>	<p>TN10, TN21: Already within Wash Brook LWS</p> <p>TN27: Oadby Grange Ash cLWS.</p>	<p>TN17: Moderate</p> <p>TN20: Moderate</p> <p>TN23: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<p><b>h3d Bramble scrub</b></p> <p>OAD_006: TN11</p>	<p>TN11: Neglected strip of land where bramble scrub predominates between residential gardens and hedge 2. There is also very small amount of g3c5 <i>Arrhenatherum</i> neutral grassland which is rank and beginning to scrub up. Dominated by bramble and nettle.</p> <p>TN22: Bramble scrub over grassland near entrance to the carpark. Cover 100%, height 65-100cm. With dog rose <i>Rosa canina</i> and ash saplings.</p>	<p>Does not qualify for selection as LWS under the scrub criteria.</p>	<p>N/A</p>
<p><b>g3c5 Arrhenatherum neutral grassland</b></p> <p>OAD_006: TN12, TN15, TN19</p>	<p>TN12: Small amount of false oat-grass <i>Arrhenatherum</i> grassland between bramble scrub and hedge. No quadrats carried out. Cover 100%, sward height 45cm.</p> <p>TN15: <i>Arrhenatherum</i> neutral grassland with ruderals and scattered scrub. Very rank and weedy grassland with creeping thistle, great willowherb and common nettle. Sward height 60cm. Cover 100%. Scattered trees also present.</p> <p>TN19: g3c5 <i>Arrhenatherum</i> neutral grassland / g3c7 <i>Deschampsia</i> neutral grassland.</p> <p>Grassland that is mostly g3c5 with localised elements of g3c7. Forms a large grassy ride at the entrance to the site and continues around the periphery of the pond. The sward is mostly to 55cm, 95% cover and seemingly unmanaged, however species diversity is higher than other grasslands on</p>	<p>TNs 12 and TN15 do not qualify</p> <p>TN19 Qualifies for selection as a LWS on mesotrophic grassland grounds, due to having seven species from 'List F' in the selection guidelines (Leicestershire County Council, 2011), and being greater than 2500m2 in extent.</p>	<p>TN12/15: Poor</p> <p>TN19: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	site. There are also scattered ash trees associated with this grassland near the entrance, as well as nettle beds.		
<b>h3f Hawthorn scrub</b> OAD_006: TN14, TN24	<p>TN14: Scrub to 6m tall, dominated by Hawthorn with frequent bramble and occasional elder. Good edge with weedy <i>Arrhenatherum</i> neutral grassland.</p> <p>TN24: Hawthorn scrub with frequent bramble and rare elder. Height to 7m with good edge to grassland.</p>	Does not qualify for selection as LWS under the scrub criteria.	<p>TN14: Moderate</p> <p>TN24: Moderate</p>
<b>w1g 36 Other woodland; broadleaved; plantation</b> OAD_006: TN18, TN26	<p>TN18: Associated with the scrub along the Washbrook is a section toward the east where more ash trees have been planted and is here considered as line of trees or plantation woodland. Cover 99%, height approximately 10m. Ground flora is sparse with a mixture of bare ground cleavers <i>Galium aparine</i> and nettles.</p> <p>TN26: Plantation woodland to 18m high with 100% cover. Planted in lines with tree guards and all of a similar age. Very little deadwood other than twigs, no browsing damage or signs of nutrient enrichment. Ground flora is very sparse, mostly bare ground with cow parsley <i>Anthriscus sylvestris</i>.</p>	Does not qualify for selection as LWS under the woodland criteria.	<p>TN18: Moderate</p> <p>TN26: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<b>h2a5 190 Species-rich native hedgerow with trees</b> OAD_006: TN30	Hedge 4 (TN30): Pathway ride between edge of the woodland and hedgerow. Recorded as hedge but it is also partially the ecotone between the woodland and hedge boundary. Width varies from 1.5-4m. Height varies from 1.5 to 7m.	Potential LWS due to being species-rich and on the periphery of historic LWS woodland 'Glen Gorse' woodland.	Good

### Habitat Summary

Overall, the area-based habitats were calculated at 228.66 biodiversity units, hedgerow units were calculated at 31.14 and watercourse units were calculated at 5.98. Parts of the site are currently designated as LWSs, with three cLWSs known as Oadby Grange Country Park, Oadby Grange Lake and Oadby grange ash. There are two LWSs on the site which are Fludes Lane and Hoot Spinney and Wash brook Stream. There are two additional potential LWS features, such as the species-rich hedgerow (TN30), neutral grassland which meets the primary criteria for selection (TN19). For the purposes of the assessment, the watercourse on this site has been given precautionary condition of 'good' to calculate the best-case number of watercourse biodiversity units (note this is the highest score available for them to achieve). In due course, the watercourse will require a detailed river condition assessment as part of any planning application, should the site be allocated and should the development proposal be cited within 10m of the bank top.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.8). Protected and notable species identified as a receptor for the site are detailed in Table 23. See target notes 32 to 69 for additional target notes on protected species receptors.

**Table 25. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	✓	✓	✓ Amber Risk	-	-	-
Field Survey	█	-	-	✓	✓ Roosting, Foraging & Commuting	✓ (TN15)	✓	✓	-	-

**Species Summary**

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

█

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs 32-69. There are also hedgerows that provide commuting routes as well as grasslands for foraging.
- **Birds:** Buzzard *Buteo buteo* and green woodpeckers seen above grasslands during field survey (TN5, TN15). Mallard *Anas platyrhynchos*, moorhen *Gallinula chloropus* and waders seen in the pond (TN1).
- **GCN:** The pond on site is a known Great Crested Newt pond (TN1). District Level Licence Natural England Risk Zone: majority amber, partially green.
- **Reptiles:** The long tussocky grasslands (TN15, TN19, TN32) on site provides suitable habitat for reptiles such as grass snake and slow worm, as well as common amphibians.



## OAD\_007 – LAND SOUTH OF SUTTON CLOSE

### SITE DESCRIPTION

The site is located south of Oadby, to the west of Coombe Park. The site is centred at Ordnance Survey National Grid Reference SP62619905 (Figure 1a.9). The site is predominantly arable agricultural land with hedgerows to the south, east and west and residential development surrounding the field to the north. Habitats recorded here were species-rich native hedgerows with trees and associated ditch, mature trees, non-native and ornamental hedgerows, fences, a ditch and other cereal crops.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 24 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.9).

**Table 24. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.00	N
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	0.00	N
Brock's hill mature trees	LWS	0.00	N
Spinney Pond, Brock's Hill Country Park	LWS	0.28	NNW
Glen Gorse Golf Course	LWS	0.39	SSE
Severn Oaks Farm great crested newt ponds	LWS	0.45	SSW
Lucas Marsh/LWS	LNR	0.53	NNW
Great Crested Newt pond, off Newton Lane	LWS	0.73	SSW
Newton Lane Meadows	LWS	0.77	SW
Opposite Invicta Park Oadby	LWS	0.81	NNW
Newton Lane Ash Trees	LWS	0.91	SW
Wigston Harcourt, Newton Lane meadow hedge	LWS	1.00	SW
The Meadows Balancing Reservoir	LWS	1.00	SW
Hermitage Hotel Beech	LWS	1.11	N
Severn Road wet meadow	LWS	1.14	NNE
Fludes Lane & Spinney	LWS	1.18	NNE
Grassland A6 Roundabout	LWS	1.19	ESE

Site Name	Designation	Distance from Site (km)	Direction
Stretton Hall hedgerows	LWS	1.36	E
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	1.37	SSW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	1.39	SSW
Oadby Grange Country Park	LWS	1.41	NE
Oadby Grange lake	LWS	1.44	NE
Gorse Pasture Oadby	LWS	1.48	ENE
Oadby Municipal Golf Course - Wet Grassland	LWS	1.49	NW
Washbrook Stream	LWS	1.52	NE
Wigston Harcourt, Cooks Lane hedge	LWS	1.72	SSW
Oadby Grange Ash	LWS	1.73	ENE
Foston Gate Meadow	LWS	1.74	SW
Trees West of Newton Harcourt	LWS	1.79	S
Cooks Lane Pasture	LWS	1.80	SSW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.93	SSW
Knighton Park hedgerows	LWS	1.97	NW

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019). In terms of connectivity the site is well connected to the Brock's Hill Country Park LNR which abuts the site in the north-west corner. There are also a series of mature trees that are pLWS along this same boundary. The site also connects to coombe park to the east and to the wider agricultural landscape of Sevenoaks Farm to the south via hedgerow links and ditches. To the north the site is less well connected, with residential development and Gartree Highschool limiting dispersal in this direction. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are multiple parcels as well as lowland fens. The parcels of lowland mixed deciduous woodland are associated with Coombe Park, Glen Gorse Golf Course and Brocks Hill Country Park, the lowland fen also falls within Brock's Hill Country Park. The nearest parcel of woodland is at Coombe Park and is directly connected to the site at the eastern corner.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.9, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 65. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b></p> <p>OAD_007: TN1 &amp; TN4</p>	<p>Hedge 1 is a mixed, species-rich double hedgerow with frequent standard ash and willow trees. The shrub layer was 5m wide by 5m tall. Canopy cover 100%. Not stock proof, vertical gappiness to 5%. Has wet ditch 75cm between two woody linear features.</p> <p>Hedge 2 is a flailed, Hawthorn dominated hedgerow that is 2m high by 3m wide. There is a ditch on south side then it is directly onto arable. There is a herbaceous strip on north side. Minimal gaps to 5%, mostly stockproof. There are many mature trees within the hedge, some of which are already designated as cLWS (TN8 &amp; 9)</p> <p><i>Cotoneaster bullatus</i> (Schedule 9) at SP6287399000</p>	<p>Hedges 1 and 2 may qualify as pLWS on having more than 6 locally native trees or shrubs per 30m. cLWS trees within hedge 2 'Brock's Hill Mature trees' meet LWS criteria.</p> <p>Within hedge 1 there is an ash tree that may be suitable for selection (see TN17).</p>	<p>H1: Good H2: Good</p>
<p><b>Rural Trees</b></p> <p>OAD_007: TN6</p>	<p>Scattered ash trees in the middle of the crop.</p>	<p>Does not qualify for selection as LWS under the mature trees criteria.</p>	<p>Moderate</p>



Habitat	Result	LWS Status & Potential	Condition
<b>h2b Non-native and ornamental hedgerow</b> OAD_007: TN11	Lawson cypress <i>Chamaecyparis lawsoniana</i> hedge with small amount of cherry laurel <i>Prunus laurocerasus</i> . Height 2.5m width 1.5m.	Does not qualify for selection as LWS under the hedgerow criteria.	N/A
<b>c1c7 Other cereal crops</b> OAD_007: TN14	Crop field dominated by Bread wheat <i>Triticum aestivum</i> . Weeds rare, Black-grass <i>Alopecurus myosuroides</i> occasional. Cover 95%. Height 40cm.	Not applicable.	N/A
<b>c1 77 Arable and Horticulture; Neglected</b> OAD_007: TN10	A neglected corner of the arable field where manure heap is kept. There was evidence of regular disturbance by machinery. The vegetation was mostly annual and ruderal species with barren brome <i>Anisantha sterilis</i> particularly dominant.	Not applicable.	N/A
<b>Ditch</b> OAD_007: TN16	Wet ditch that is associated with hedge 1. It is approximately 0.75m wide and 20cm deep. The water is clear but polluted with oil or oily substance and there were green algae forming. Vegetation in ditch is limited.	Does not qualify for selection as LWS under the watercourse criteria.	Poor

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> OAD_007: TN12, TN13	The fence line along northern boundary. Varied styles as they lead directly onto residential back gardens. Two semi-mature <i>Fraxinus</i> present. Occasional ornamental hedge sections. <i>Forsythia</i> , <i>Ligustrum</i> etc. Where the boundary forms with the school there is a metal wire fence to 2.5m tall with abundant cow parsley <i>Anthriscus sylvestris</i> .	Not applicable.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 21.87 biodiversity units and hedgerow units were calculated at 27.08 biodiversity units. Hedges 1 and 2 qualify as pLWS due to having more than 6 locally native trees or shrubs per 30m. There are also existing cLWS trees within hedge 2 'Brock's Hill Mature trees' and the survey agrees that these trees meet LWS criteria. Within hedge 1 there is an ash tree that may be suitable for selection as a LWS (see TN17).

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.9). Protected and notable species identified as a receptor for the site are detailed in Table 26.

**Table 26. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	✓	✓ Amber Risk	-	-	-
Field Survey	I	-	-	-	✓ Roosting, Foraging & Commuting	✓ TN14	✓	-	-	✓ TN1

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs: 2,3,5,7-9,15 and 17, and 10. There is also a hedgerow (TN1, TN4) that provides a commuting route.
- **Birds:** There was a red kite reported by the desk study and the field survey identified the presence (TN14) of green woodpecker, skylark *Alauda arvensis*, and starlings *Sturnus vulgaris* the latter two of which are red listed.
- **GCN and Amphibians:** There are GCN license requests reported by the desk study that are associated with the ditch in hedgerow 1, there is also a record of a smooth newt from 2018. The field survey identified a ditch (TN16) which may be suitable for GCN. District Level Licence Natural England Risk Zone: amber.
- **Invasive species:** Schedule 9 plant species Hollyberry *Cotoneaster bullatus* was present within hedge 1 at trees at OSGR SP6287399000 (TN1).

## OAD\_008 - HALF OF GLEN GORSE GOLF COURSE

### SITE DESCRIPTION

The site is located in the east Oadby area near Leicester. The site is centred at Ordnance Survey National Grid Reference SK64200015 (Figure 1a.10). The site is half of Glen Gorse Golf Club. The site is currently designated as a LWS. Habitats recorded here modified grassland, lines of trees, woodland, ponds, ditches, hedgerows, mature trees, scrub and suburban mosaic or buildings and carparks. As the site is half of the larger O\_W\_001 site, the sites were surveyed together and share target notes.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 27 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.25).

**Table 27. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Glen Gorse Golf Course	LWS	0.00	N
Grassland A6 Roundabout	LWS	0.40	SE
Unnamed	Green Wedge	0.42	NW
Stretton Hall hedgerows	LWS	0.55	ENE
Gorse Pasture Oadby	LWS	0.83	NE
Oadby Grange lake	LWS	0.91	NNE
Fludes Lane & Spinney	LWS	0.93	NNE
Severn Oaks Farm great crested newt ponds	LWS	0.96	WSW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.97	WNW
Brocks Hill Country Park and LNR, Oadby	LWS	0.98	WNW
Severn Road wet meadow	LWS	0.99	NNW
Brock's hill mature trees	LWS	1.00	WNW
Oadby Grange Country Park	LWS	1.00	NNE
Washbrook Stream	LWS	1.02	NNE
Oadby Grange Ash	LWS	1.06	NE
Spinney Pond, Brock's Hill Country Park	LWS	1.26	WNW
Great Crested Newt pond, off Newton Lane	LWS	1.35	WSW

Site Name	Designation	Distance from Site (km)	Direction
Lucas Marsh	LNR	1.41	NW
Lucas Marsh	LWS	1.41	NW
Newton Lane Ash Trees	LWS	1.44	WSW
Trees West of Newton Harcourt	LWS	1.44	SSW
Newton Lane Meadows	LWS	1.45	WSW
Wigston Harcourt, Newton Lane meadow hedge	LWS	1.62	WSW
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	1.63	SW
Opposite Invicta Park Oadby	LWS	1.66	NW
Hermitage Hotel Beech	LWS	1.71	NW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	1.75	SW
The Meadows Balancing Reservoir	LWS	1.77	WSW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.84	S
Kilby - Foxton Canal	SSSI	1.85	S
Unnamed	Green Wedge	1.95	N

## Connectivity

The entire site is currently designated as a LWS (Figure 2a.10). The site has good connectivity to the wider agricultural landscape in every direction apart from to the north where connectivity is limited due to residential development and the settlement of Oadby leading to Leicester city centre. Priority Habitats within 1km identified via the MAGIC search include the woodland within the site, as well as woodland associated with Coombe Park 0.5km to the north.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.10, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 28. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>w1g6 1175 Line of trees; ecologically valuable</b></p> <p>O_W_001: TN1, TN6, TN21, TN30, TN31</p>	<p>TN1: Double line of mature trees near the western boundary. Height ranges from approx. 18-25m.</p> <p>TN6: Mixed species line of trees mixture of semi-mature, young with a handful of mature trees. Height ranges from 1.5m to 20m. Mixture of approx. native (60%) and Non-native (40%). Target note &amp; condition assessment is for entire line of trees running the length of the site.</p> <p>TN21: Line of ash trees that form thicken the boundary feature. All mature with ivy covering. Almost a linear woodland.</p> <p>TN30: Double width lines of trees comprising mixed species both broadleaved and conifer with a mix of ages. Natives (80%) and ornamentals (20%).</p> <p>TN31: Lines of trees running south-west to north-east along the length of the golf course. These lines of trees have been considered together as they are similar across the length of the site. There is a mixture of ornamental and native species.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN1: Moderate TN6: Moderate TN21: Good TN30: Good TN31: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	Species list is for the two main lines of trees for the entire length of the course. (Also see TN6).		
<p><b>w1g6 1174 Line of trees</b></p> <p>O_W_001: TN2, TN5</p>	<p>TN2: Young trees planted on edge of golf course. To 7m tall.</p> <p>TN5: Line of trees dividing golf holes. Mostly semi-mature. Height to approx. 12-15m.</p> <p>TN7: Semi-mature line of trees and shrubs. Continues through length of site adjacent to eastern boundary.</p>	Already designated as part of Glen Gorse Golf Club LWS.	<p>TN2: Moderate</p> <p>TN5: Moderate</p> <p>TN7: Moderate</p>
<p><b>Rural Trees and Mature Trees</b></p> <p>O_W_001: TN3, TN12, TN15, TN18</p>	<p>TN3: Mature black pine <i>Pinus nigra</i> with girth approximately 3.5m at chest height.</p> <p>TN12: Mature ash tree covered in ivy. In continued Line of Trees (TN6).</p> <p>TN15: Mature ash with girth to 3m. Potential LWS.</p> <p>TN18: Mature ash with girth to 3.2m. Ivy covered. Multi-stemmed.</p> <p>TN23: Mature hybrid black poplar, girth upward of 3m.</p>	<p>TN3: Does not qualify.</p> <p>TNs 12, 15, 18, 23: Qualify for selection as LWS trees. Already designated as part of Glen Gorse Golf Club LWS.</p>	See lines of trees and hedgerows.
<p><b>g4 Modified grassland</b></p> <p>O_W_001: TN4</p>	Well-manicured golf grassland that is dominated by perennial ryegrass and is between 3cm on main course and 5cm around the edges. Greens cut even shorter to 1cm with <i>Festuca</i> spp., common bent <i>Agrostis capillaris</i> and annual meadow-grass <i>Poa annua</i> . Cut with sit on mowers and	Already designated as part of Glen Gorse Golf Club LWS.	Poor

Habitat	Result	LWS Status & Potential	Condition
	mulched. Grass cover high to 95% with white clover as forb component. There are areas around the periphery that are allowed to grow longer.		
<p><b>h2a5 Species-rich native hedgerow with trees and associated ditch</b></p> <p>O_W_001: TN8, TN22</p>	<p>Hedge 1 (TN8): Mixed native hedgerow with standard ash trees. Average height and width of shrub component is 3m tall by 3m wide.</p> <p>Hedge 2 (TN22): Hawthorn hedge forming the NW boundary. Hedge with trees and sporadic thickening sections where standard tree groups protrude into golf course. Ditch on golf course side. Average height 3.5m, width 1.5-4m.</p>	<p>TN8: Qualifies for selection as LWS on having more than 6 locally native trees or shrubs per 30m. Already designated as part of Glen Gorse Golf Club LWS.</p> <p>TN22: Does not qualify.</p>	<p>H1: Good</p> <p>H2: Moderate</p>
<p><b>Ponds</b></p> <p>O_W_001: TN19</p>	<p>Pond (TN19): Ornamental pond with fool's water-cress <i>Apium nodiflorum</i>, broad-leaved pondweed, hard rush <i>Juncus inflexus</i>, water-plantain <i>Alisma plantago-aquatica</i>, grey club-rush <i>Schoenoplectus tabernaemontani</i>, algae, duckweed <i>Lemna</i> sp., articulated rush <i>Juncus articulatus</i> and water-lily <i>Nyphaea</i> sp. Water is coloured blue. <i>J. articulatus</i> frequent at edges.</p> <p>Invasive species: <i>Crocosmia x crocosmiiflora</i> is present at the pond margin (TN20).</p>	<p>Qualifies for selection as LWS due to the presence of <i>Potamogeton</i>. Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>Poor</p>



Habitat	Result	LWS Status & Potential	Condition
<b>u1c Artificially unvegetated, unsealed surface</b> O_W_001: TN14	TN14: Sand traps present throughout the golf course.	Already designated as part of Glen Gorse Golf Club LWS.	N/A
<b>w1h5 Other woodland; mixed; mainly broadleaved</b> O_W_001: TN29	Throughout the golf course there are parcels of mixed woodland of varying character. TN29 is the combined species list for all these woodland parcels with condition plots recorded separately. Many of the woodlands have log piles near edges.	Already designated as part of Glen Gorse Golf Club LWS.	Moderate
<b>u1d Suburban/ mosaic of developed / natural surface.</b> O_W_001: TN32	Golf club and car parks with ornamental shrub borders.	Already designated as part of Glen Gorse Golf Club LWS.	N/A

## Habitat Summary

Overall, the area-based habitats were calculated at 30.22 biodiversity units, hedgerow units were calculated at 37.56 biodiversity units. The entirety of the site is currently designated as the Glen Gorse Golf Club LWS and the findings of the present survey support this designation, due to the pond, trees and a hedgerow that meet LWS criteria.

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.10). Protected and notable species identified as a receptor for the site are detailed in Table 29. See target notes 33 to 100 for additional details on protected species receptors.

**Table 29. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	✓	✓	✓ Amber Risk	-	-	-
Field Survey	I	-	-	-	✓ Roosting, Foraging & Commuting	✓	✓ (See pond)	-	-	✓ TN20

## Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

[REDACTED]

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs 37-100. There are also hedgerows that provide commuting routes as well as grasslands for foraging.
- **Birds:** There were multiple bird boxes (TNs 34, 35) woodpecker holes, nests (TNs 36, 42) and owl boxes (TNs 74, 75) seen during field survey of the wider site.
- **GCN:** there are numerous records of GCN and common amphibians from the desk study, the pond is a known GCN pond (TN19). District Level Licence Natural England Risk Zone: amber.
- **Invasive Species:** *Montbretia Crocosmia x crocosmiiflora* (TN20) is a Schedule 9 invasive plant species.

## OAD\_009/010/011 – LAND SOUTH OF GARTREE ROAD

### SITE DESCRIPTION

The site is located to the north-west of Oadby, near Stoughton Grange and is to the south of the B582 and Stoughton pitches in Leicestershire and is centred at Ordnance Survey National Grid Reference SK63390142 (Figure 1a.11). It comprises a combination of identical submission sites OAD\_009, OAD\_010 and OAD\_011. Included within the site boundary there is also the smaller OAD\_002 site and as such has been surveyed at the same time. The site is predominantly agricultural land with hedgerows dividing the three fields, with a fence dividing the agriculture from the grassland in the western segment of the site. Habitats recorded here were temporary grass and clover leys, ruderal and ephemeral, species-rich native hedgerows with trees, native hedgerows with trees, non-native and ornamental hedgerows, ditches, lowland mixed deciduous woodland, modified grassland, other neutral grassland, other broadleaved woodland types; plantation, bramble scrub, other swamps and lines of trees.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 30 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.11).

**Table 30. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.00	N
Gartree Rd mature trees	LWS	0.00	N
Oadby, boundary hedgerow	LWS	0.00	N
Mature pedunculate oak (pLWS B)	LWS	0.06	SE
Roadside near Stoughton Farm Park	LWS	0.16	NW
Stoughton Grange, Dam's Spinney and lake	LWS	0.31	NNW
Stackyard Spinney	LWS	0.36	NNW
Leicestershire Golf Course and adj sites	LWS	0.55	NNW
Blackthorn Manor Pond	LWS	0.57	WSW
Oadby Grange Country Park	LWS	0.81	SE
Fludes Lane & Spinney	LWS	0.85	S
Severn Road wet meadow	LWS	0.90	S
Washbrook Stream	LWS	1.10	SSE
Oadby Grange lake	LWS	1.11	SSE

Site Name	Designation	Distance from Site (km)	Direction
Tanglewood, Oadby - Ash tree	LWS	1.17	WNW
Hermitage Hotel Beech	LWS	1.21	SW
Evington Green	LWS	1.23	N
Unnamed	Green Wedge	1.33	W
Gorse Pasture Oadby	LWS	1.36	SSE
Racecourse Meadow	LWS	1.45	W
Oadby Grange Ash	LWS	1.49	SE
Stretton Hall hedgerows	LWS	1.53	ESE
Opposite Invicta Park Oadby	LWS	1.62	SW
Lucas Marsh	LNR/LWS	1.71	SSW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	1.74	SW
Brock's hill mature trees	LWS	1.82	SW
Glen Gorse Golf Course	LWS	1.95	S

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and includes three cLWS trees along its northern boundary. There is also a pLWS hedgerow along the eastern boundary of the site. It has reasonable connectivity to the surrounding landscape via the hedgerows to Stoughton Pitches to the west and agricultural land to the west. However, the B582 to the north and residential developments to the south and west limit connectivity in those directions. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are several parcels. These include stackyard spinney which is located 0.95km to the north-west, as various smaller parcels the closest of which is 0.5km east of the site centre. There is reasonable connectivity to the nearest woodland parcel via hedgerow links, but no direct connection. The remaining parcels are further away and less well connected.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.11, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 31. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>c1b Temporary grass and clover leys</b></p> <p>OAD_002/009: TN15, TN24, TN38</p>	<p>Fields 1 and 2 are temporary grassy leys with dominant perennial-ryegrass and white clover. Cover 100%. Tall herb vegetation around edges in small areas, mostly associated with hedgerows. Vegetation height to 25cm.</p> <p>Field 3 is a fallow field dominated by barren brome and a mixture of thistle species. Vegetation height to 30cm but varied and cover to 95% with patches of bare earth.</p>	Does not qualify for selection as LWS due to lack of annual flora and low diversity.	N/A
<p><b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b></p> <p>OAD_002/009: TN5 (Hedge 1); TN7 (Hedge 2).</p>	<p>Hedge 1: Native species-rich hedgerow with trees and associated ditch and scattered trees along the northern boundary. Height varied from 3m to 6m. Not gappy. Cover 100%. Within this hedgerow there are mature trees that are likely suitable for selection as a LWS (TN1, TN3, TN4).</p> <p>Hedge 2: Regularly managed hedgerow with ash <i>Fraxinus excelsior</i> standards. The hedge is 3m tall by 3.5m wide. There are only gaps where there are gateways. The ditch has a small</p>	Hedgerows 1, 2 and 5b likely qualify as pLWS on having more than 6 locally native trees or shrubs per 30m. Three cLWS trees have already been flagged on the northern boundary (hedge 1) and the current survey also noted these trees as pLWS. Parts of hedge 2 have been flagged as pLWS in 2008. There is a veteran ash tree that may be suitable for selection as a pLWS in hedge 2 (TN12).	<p>H1: Good</p> <p>H2: Good</p> <p>H5b: Good</p>

Habitat	Result	LWS Status & Potential	Condition
<p><b>h2a5 190 191 Species-rich native hedgerow with trees</b></p> <p>OAD_002/009: TN40</p>	<p>amount of water flow so has been condition assessed (see below). Hedgerow ground flora as hedge 1.</p> <p>Hedge 5b (TN40): Hedgerow with trees. Height is consistent mostly 2.5m tall by 3.5m wide and the groundsman said they're flailed once per year. Trees to 20m are mostly field maple <i>Acer campestre</i> and Ash of similar age. Species rich, a high-quality hedge, potential LWS.</p>		
<p><b>h2a 190 191 Native hedgerow with trees and associated ditch</b></p> <p>OAD_002/009: TN25</p>	<p>Hedge 3: A hawthorn hedgerow with trees and ditch. It was fairly gappy at the eastern end and was 3m tall by 3m wide. There were standard ash trees and localised bramble scrub up in some areas but overall, a good hedgerow with relaxed management.</p>	<p>Due to lower woody species count these hedges are unlikely to meet LWS selection criteria.</p>	<p>H3: Good H4: Moderate H5a: Good</p>
<p><b>h2a 190 Native hedgerow with trees</b></p> <p>OAD_002/009: TN37, TN39</p>	<p>Hedge 4 (TN37): Tall hedgerow to 6m by 4m wide. With many trees including whitebeam <i>Sorbus aria</i> and bird cherry <i>Prunus padus</i>. Starts to be more like line of trees towards the western side with limited shrub layer. Blackthorn and Hawthorn hedgerow with trees.</p> <p>Hedge 5a (TN39): Height is varied across the hedge with some shrubs reaching 6-7m tall on the northern section. Also, very wide (approx. 7m) in the northern portion, becoming scrubby with abundant blackthorn <i>Prunus spinosa</i>.</p>		

Habitat	Result	LWS Status & Potential	Condition
<b>h2b Non-native and ornamental hedgerow</b> OAD_002/009: TN42	Non-native conifer hedge that is 2.5m tall by 3m wide.	Does not qualify for selection as LWS under the hedgerow criteria.	N/A
<b>g3c Other neutral grassland</b> OAD_002/009: TN44	Grassland 1: Unmown <i>Elymus repens</i> couch-grass grassland with a sward height to 35cm. Cover is 100%. Is an area of relaxed management and is never used for sports.	Does not qualify for selection as LWS under the grassland criteria.	Poor
<b>g4 Modified grassland</b> OAD_002/009: TN45, TN47	Grassland 2 (TN45): Regularly mown sports pitch dominated by perennial rye-grass. Cover 100%, height to 4cm.  Grassland 3 (TN47): Short sward that contrasts with both the sport pitch and the rank <i>Elymus</i> grassland to the north. Cover is 95%, height varied 0-20cm. A 1.5m <sup>2</sup> patch of glaucous sedge <i>Carex flacca</i> is present at SK62980148. Bryophyte cover is moderate to around 60% beneath herbs and grass.	Does not qualify for selection as LWS under the grassland criteria.	G2: Poor G3: Poor
<b>h3d Bramble scrub</b> OAD_002/009: TN13, TN28, TN31, TN49	An area of bramble scrub that is 1.5m high to 3.5m wide. It seems to be located where the hedgerow used to run as its associated with the same ditch. This habitat is found throughout the site associated with outgrown linear features and boundaries.	Does not qualify for selection as LWS under the scrub criteria due to being beneath 1 ha in extent.	N/A



Habitat	Result	LWS Status & Potential	Condition
<b>Ditch</b> OAD_002/009: TN9	Ditch with a small amount of flow, associated with Hedge 2. Around 1m wide by 25cm deep. Great willowherb was abundant here.	Does not qualify for selection as LWS under the watercourse criteria.	Moderate
<b>w1g6 Line of Trees; Ecologically valuable</b> OAD_002/009: TN16-19, TN32-36, TN53	<p>LoT1: Line of mature poplar trees (TN16) along the north-eastern boundary with some ivy cover. Trees have splits and small holes with bramble scrub beneath.</p> <p>LoT2: Trees along the southern boundary between arable land and residential gardens. Mostly oak and beech, mature nearing veteran trees (See TNs 33-36).</p> <p>LoT3: Line of trees (TN53) beyond wire fence, 100% cover, canopy 20m wide to 35m tall. One mature Oak to 35m, ivy covered, girth 3.5-4m. Well-developed shrub layer, likely an outgrown hedgerow.</p> <p>LoT4: Line of trees with consistent canopy cover (100%). No understorey. 20m high by 8m wide. Grass beneath.</p>	<p>LoT1: Many of the hybrid black poplars <i>Populus x canadensis</i> are over 3.77m girth at chest height and likely qualify as pLWS (TN18, TN19).</p> <p>LoT2: As there are many mature / near-veteran trees in this boundary feature, it may qualify for selection as an LWS. There are beech <i>Fagus sylvatica</i> trees with a girth of approximately 4m at chest height (TN34,35) and a sycamore <i>Acer pseudoplatanus</i> that reaches near 5m girth (TN36).</p> <p>LoT3: May qualify due to large oak tree and could be included as part of the same pLWS as TNs 33-36.</p> <p>LoT4: Does not qualify for selection as LWS under the mature trees criteria.</p>	<p>LoT1: Moderate</p> <p>LoT2: Moderate</p> <p>LoT3: Moderate</p> <p>LoT4: Moderate</p>
<b>f2f Other swamps (Spring and flush)</b> OAD_002/009: TN27, TN30, TN52	A flushed area that is too small to map, which is dominated by rushes and Yorkshire fog. A small runnel is present beneath where the spring emerges then disappears into the	Meets the secondary criteria for Standing water bodies, swamps, fens and ditches due to being a flush fed by natural spring. Does not qualify on primary criteria.	Moderate

Habitat	Result	LWS Status & Potential	Condition
	<p>vegetation. Cover 95%, vegetation height is varied and tussocky from 45cm down to 5-10cm.</p> <p>TN52: Small, damp depression that is 4m wide by 8m long. Dominated by great willowherb accompanied by bulrush. Small amount of scrub around the perimeter.</p>		
<p><b>w1f Lowland mixed deciduous woodland</b></p> <p>OAD_002/009: TN21, TN54</p>	<p>TN21: A broadleaved woodland that is approximately 30m wide by 25m tall with 100% canopy cover. There is a ditch on west side. Possibly a plantation around original hedgerow trees. Log piles present. Hybrid Bluebells <i>Hyacinthoides</i> × <i>massartiana</i> at SK63340163.</p> <p>TN54: Woodland parcel where two hedgerows converge and for a small, wooded wedge. Canopy cover around 75%. Trees to 30m. Bramble scrub present beneath at a cover of around 60% with common nettle <i>Urtica dioica</i> around 30%.</p>	<p>TN21: Does not qualify as there are no ancient woodland indicator species for Leicestershire (requires at least 4) and is smaller than 1 ha. On the edge of the woodland there is a mature ash tree with a large hole that may be suitable for selection as a pLWS (TN20).</p> <p>TN54: Does not qualify as there is only one ancient woodland indicator species (<i>Carex pendula</i>) for Leicestershire (requires at least 4) and is smaller than 1 ha.</p>	<p>TN21: Moderate</p> <p>TN54: Moderate</p>
<p><b>w1g7 Other broadleaved woodland; plantation</b></p> <p>OAD_002/009: TN48</p>	<p>A small, recent plantation woodland over modified grassland. Tree heights range from 5-15m with a cover around 60%. Ground vegetation to 30cm and 100% cover.</p>	<p>Does not qualify for selection as LWS under the woodland criteria.</p>	<p>Moderate</p>

## Habitat Summary

Overall, the area-based habitats were calculated at 88.85 biodiversity units and hedgerow units were calculated at 47.68 biodiversity units. There are three hedgerows (hedgerows 1, 2 and 5b) and several additional trees (TNs 12, 18-20, 34-36 and 53) that may be suitable for selection as LWS on this site, which are detailed in Table 31. There are currently three previously designated mature trees (Gartree Road mature trees) in hedgerow 1 and hedgerow 2 is partially designated as a LWS (Oadby, boundary hedgerow).

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.11). Protected and notable species identified as a receptor for the site are detailed in Table 32.

**Table 32. Species**

	<b>Badger</b>	<b>Hazel Dormouse</b>	<b>Otter</b>	<b>Water vole</b>	<b>Bats</b>	<b>Birds</b>	<b>GCN and Amphibians</b>	<b>Reptiles</b>	<b>Invertebrates</b>	<b>Invasive Species</b>
<b>Desk Study</b>	■	-	-	-	-	✓	Amber Risk	-	-	-
<b>Field Survey</b>	■	-	-	-	✓ Roosting & Commuting.	✓	✓ (TN9)	✓ (TN17)	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

[REDACTED]

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see OAD\_002/009 TNs: 1,3,4,10,11,23,26,29,34-36, 41, 50, 51, 53, 55 and 56)., All the hedgerows and lines of trees are suitable for commuting bats.
- **Birds:** Spotted Flycatcher and quail *Coturnix coturnix* were recorded on site from the desk study. There are large cavities in an oak tree (TN20) which may be suitable for barn owl, there is also long tussocky grassland that may be suitable for ground nesting birds (TN44). Blue tits were observed nesting in the hedgerow (TN7)
- **GCN and Amphibians:** There is a wet ditch that may support common amphibians (TN9). District Level Licence Natural England Risk Zone: majority amber, partially green.
- **Reptiles:** There is a pile of logs and brash that may be suitable for reptiles (TN17), as well as long tussocky grassland (TN44) which may be suitable for reptiles.

## WIG\_001 - LAND WEST OF WELFORD ROAD (RFC)

### SITE DESCRIPTION

The site is located to the south of Wigston, between Welford Road and South Leicester RFC and is centred at Ordnance Survey National Grid Reference SP61009764 (Figure 1a.14). The site is predominantly grassland with hedgerows and fencing.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 33 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.14).

**Table 33. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Wigston, St Petrox' Ash	LWS	0.07	SSW
Foston Gate Meadow	LWS	0.08	E
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.15	ESE
Cooks Lane Pasture	LWS	0.29	E
Wigston Harcourt, Cooks Lane hedge	LWS	0.39	E
Grand Union Canal	LWS	0.42	SSW
OKilby - Foxton Canal	SSSI	0.52	S
Newton Lane Meadows	LWS	0.54	ENE
Navy's Pit	LWS	0.63	W
The Meadows Balancing Reservoir	LWS	0.70	NE
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.72	ENE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.81	E
Newton Lane Ash Trees	LWS	0.82	ENE
Canal Pasture	LWS	0.98	SE
Unnamed	Green Wedge	0.99	NE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	1.02	E
Canal Rough Grassland	LWS	1.03	SE
Great Crested Newt pond, off Newton Lane	LWS	1.06	ENE

Site Name	Designation	Distance from Site (km)	Direction
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.08	W
Wigston, Bushlow High School Ash	LWS	1.13	WNW
River Sence Floodplain grassland	LWS	1.14	WSW
Mature Willow, R Sence	LWS	1.23	SSE
Severn Oaks Farm great crested newt ponds	LWS	1.29	ENE
Glen Gorse Golf Course	LWS	1.66	ENE
Poplars, River Sence	LWS	1.68	W
Brocks Hill Country Park and LNR, Oadby	LWS	1.70	NNE
River Sence floodplain Meadow	LWS	1.70	W
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	1.70	NNE
Wigston Triangle	LWS	1.72	WNW
Streamside Willow	LWS	1.77	SSE
Brock's hill mature trees	LWS	1.84	NE
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.89	SE
Oak N of Grand Union Canal	LWS	1.89	SE
Turnover Lock Grassland, Wistow	LWS	1.90	SE
Spinney Pond, Brock's Hill Country Park	LWS	1.97	NE
Churchyard copper beech	LWS	1.97	SSE
Countesthorpe, streamside willow adj to Sewage Works	LWS	1.98	SW

## Connectivity

The connectivity to the surrounding landscape is limited. The site abuts the RFC to the west and the Wigston cemetery to the north which ultimately lead on to residential development. To the east there is the Welford Road and residential development and to the south there is housing and the railway that limits dispersal of species. Priority Habitats within 1km identified via the MAGIC search included only lowland mixed deciduous woodland, of which there are two parcels which are not directly connected to the site. The largest woodland parcel is approximately 0.5km south-east of the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.14, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 34. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>h2a 190 Native hedgerow with trees.</b> WIG_001: TN2, 3, 7, 8, 11	Hedge 1 (TN2): Elm sp. hedge approx. 2m high to 2m wide with grazing on one side and mowing for road on the other side. Hedge 2 (TN3): Defunct hedge with trees. Hedge 3 (TN7): Hawthorn hedgerow. Hedge 4 (TN8): Line of defunct hawthorn hedgerow. Hedge 5 (TN11): Hawthorn hedge with mature ash trees.	Due to lower woody species count of these hedges, it is unlikely that they meet LWS selection criteria.	H1: Good H2: Moderate H3: Good H4: Poor H5: Moderate
<b>g4 Modified grassland</b> WIG_001: TN6, TN9	Modified grassland with Cock's-foot <i>Dactylis glomerata</i> , rye-grasses, common bent and creeping buttercup <i>Ranunculus repens</i> . Heavily grazed by cattle at the time of survey.	Does not qualify for selection as LWS under the grassland criteria.	Moderate
<b>Rural Trees</b> WIG_001: TN4, TN10, TN12	TN4: Eight ash trees of varying age (semi to mature) with main stems covered in dense ivy. TN10: Two mature ash trees with multiple woodpecker holes in each.	Does not qualify for selection as LWS under the mature trees criteria.	N/A

Habitat	Result	LWS Status & Potential	Condition
	TN12: Two mature ash trees approx. 20/25m high. Several woodpecker holes present in trees.		

### Habitat Summary

Overall, the area-based habitats were calculated at 13.00 biodiversity units and hedgerow units were calculated at 7.60 biodiversity units. There are no features that are suitable for selection as LWS on this site.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.14). Protected and notable species identified as a receptor for the site are detailed in Table 35.

**Table 35. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	✓	Green Risk	-	-	-
Field Survey	■	-	-	-	✓	✓	-	-	-	-



	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
					Roosting & Commuting.					

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

[REDACTED]

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs: 4, 10, 12. The hedgerows (TN 2, 3, 7, 11) are suitable for commuting bats.
- **Birds:** There are woodpecker holes present in a handful of trees on site (TN10, 12). Habitats on site are suitable for nesting birds.
- **GCN:** District Level Licence Natural England Risk Zone: green.

## WIG\_002 - WIGSTON MEADOWS PHASE 3

### SITE DESCRIPTION

The site is located to the south-east of Wigston, between Newton Lane and Cooks Lane and is centred at Ordnance Survey National Grid Reference SP62159730 (Figure 1a.15). The site is predominantly agricultural land with a series of fields divided by hedgerows and fencing. The fields are a mixture of arable crops and permanent improved pasture. Habitats recorded here were Native hedgerows, non-native ornamental hedgerows, cereal crops, mixed scrub, mature trees, ponds, lines of trees, bramble scrub, modified grassland and suburban mosaic of developed and natural surface (farmyards).

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 36 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.15).

**Table 36. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	On site - 0.00	N
Wigston Harcourt, Cooks Lane hedge	LWS	0.13	WNW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.17	W
Canal Pasture	LWS	0.18	SSW
Kilby - Foxton Canal	SSSI	0.18	W
Canal Rough Grassland	LWS	0.23	SSW
Cooks Lane Pasture	LWS	0.29	W
Newton Lane Ash Trees	LWS	0.42	NNW
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.44	W
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.47	NW
Newton Lane Meadows	LWS	0.48	NW
Severn Oaks Farm great crested newt ponds	LWS	0.50	N
Glen Gorse Golf Course	LWS	0.55	NE
Foston Gate Meadow	LWS	0.60	WNW
Great Crested Newt pond, off Newton Lane	LWS	0.63	NNW
Oak N of Grand Union Canal	LWS	0.65	SSE
Mature Willow, R Sence	LWS	0.67	SSW

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.69	NNW
Trees West of Newton Harcourt	LWS	0.70	ESE
Grand Union Canal, Newton Harcourt/Kilby	LWS	0.76	S
Wigston, St Petrox' Ash	LWS	0.77	W
Turnover Lock Grassland, Wistow	LWS	0.77	S
Grand Union Canal	LWS	0.79	W
The Meadows Balancing Reservoir	LWS	0.84	NW
Streamside Willow	LWS	1.19	SSW
Churchyard copper beech	LWS	1.20	S
Brock's hill mature trees	LWS	1.37	N
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	1.38	N
Wistow Road verges	LWS	1.43	S
Navy's Pit	LWS	1.49	WNW
Kilby community woodland	LWS	1.56	S
Spinney Pond, Brock's Hill Country Park	LWS	1.63	N
Lucas Marsh	LNR/LWS	1.88	N
River Sence Floodplain grassland	LWS	1.88	W
Grassland A6 Roundabout	LWS	1.91	ENE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.98	WNW

## Connectivity

The site currently has one designated cLWS ash tree located on site (Wigston Harcourt: Cooks/Newton Lane Ash 2) and does not have any further designations such as Green Wedge or LWS. The connectivity to the surrounding agricultural landscape is good, with hedgerow and scrub links to agricultural farms in every direction other than south, where the railway delimits the southern extent of the site. Priority Habitats within 1km identified via the MAGIC search included only lowland mixed deciduous woodland, of which there is a single parcel which is approximately 0.44km to the west and is associated with the Barn Pool Meadow LWS. No Priority Habitats are directly connected to the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.15, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 37. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b></p> <p>WIG_002: TN1, TN15, TN19</p>	<p>Hedge 1: Hawthorn and blackthorn hedge that is 5m tall by 5m wide. There is a dry ditch on eastern side and there are standard Ash <i>Fraxinus excelsior</i> trees at northern end.</p> <p>Hedge 4 (TN15): Hawthorn hedge with varying height with an average around 3m. Width from 2-3.5m. Canopy cover 95%. Herbaceous strip of 1.5m on west side, permanent pasture on right. Ditch on east side.</p> <p>Hedge 5 (TN19): Hawthorn hedge that is 3.5m wide and 3m tall. Canopy cover 90% with gaps where standard ash trees have died. There is also a small bramble patch (TN20) on the western corner where the cover of woody species is lower.</p>	<p>Hedge 1: Due to lower woody species count this hedge is unlikely to meet LWS selection criteria. Mature ash tree (TN3) is already cLWS, the larger of the three trees at TN6 should also be considered for selection as a LWS due to large split limb and size.</p> <p>Hedge 4: Unlikely to qualify due to lack of woody species diversity. Mature ash tree within may be suitable for LWS selection (see TN16).</p> <p>Hedge 5: Unlikely to qualify due to lack of woody species diversity. Dead ash tree within may be suitable for LWS selection (see TN21).</p>	<p>H1: Good H4: Good H5: Moderate</p>
<p><b>c1c7 Other cereal crops</b></p> <p>WIG_002: TN2, TN18, TN22</p>	<p>Field 1 (TN2): Crop field dominated by Bread wheat <i>Triticum aestivum</i>. Cover 100%, height 65cm. Mown grassland margin surrounding the crop.</p>	<p>Does not qualify.</p>	<p>N/A</p>

Habitat	Result	LWS Status & Potential	Condition
	Fields 3 & 4 (TN18, 22): Harvested stubble of Barley <i>Hordeum</i> cv. Cover 75% straw. Height 20cm.		
<b>h3h Mixed scrub</b> WIG_002: TN4	Scrub area surrounding small field pond. It is made up mostly of species that are in the hedgerows. Height to 6m, cover 95%. Bramble and herbaceous edge present.	Does not qualify for selection as LWS under the scrub criteria.	Moderate
<b>r1 Ponds</b> WIG_002: TN5, TN12	<p>Pond 1 (TN5): Is a small field pond that is heavily shaded within mixed scrub. Depth unknown, size approximately 10m x 4m. See the species list of TN4, with the addition of bittersweet <i>Solanum dulcamara</i>.</p> <p>Pond 2 (TN12): Small field pond dominated by reed sweet-grass <i>Glyceria maxima</i> and Hawthorn scrub. 8m by 4m. Vegetation 95% cover.</p>	<p>Pond 1: Does not qualify but meets secondary criteria 'permanent or temporary field pond'.</p> <p>Pond 2: Qualifies as a potential LWS due to passing the following primary criteria for selection in 'Standing water bodies, swamps, fens and ditches':</p> <ul style="list-style-type: none"> <li>- Floating rafts of <i>Glyceria maxima</i> (&gt;100m<sup>2</sup>)</li> </ul>	P1: Moderate P2: Moderate
<b>w1g6 Line of trees</b> WIG_002: TN7	Line of young Ash trees on other side of the boundary fence. Height 5-7m.	Does not qualify for selection as LWS under the mature trees criteria.	Moderate
<b>w1g6 Line of trees; Ecologically valuable</b> WIG_002: TN24	Three mature ash trees with cavities. Western tree could be a LWS due to girth being 2.5m and having split limbs.	Western-most tree may be suitable for LWS selection.	Poor

Habitat	Result	LWS Status & Potential	Condition
<b>h2b Non-native ornamental hedgerow</b> WIG_002: TN9	Leyland cypress <i>Cupressus x leylandii</i> windbreak hedge. 15m tall by 15m long.	Does not qualify.	N/A
<b>h2a6 Other native hedgerows</b> WIG_002: TN10, TN14	Hedge 2 (TN10): Hawthorn dominated hedge that is 3m tall by 4m wide, with 100% cover. Species-poor, with fewer than 5 woody species per 30m length. Large gap where hedgerow has been removed and bramble has grown (see TN11).  Hedge 3 (TN14): Hawthorn hedge that forms the boundaries of field 5. Height 2-2.5m. Width 2m. Cover 70% with large gaps in the SW corner near the gate. Fence and ditch associated with it.	Hedge 2: Does not qualify. Hedge 3: Does not qualify.	H2: Good H3: Moderate
<b>h3d Bramble scrub</b> WIG_002: TN11, TN20	Bramble scrub along boundary where hedge used to be. The herbaceous species are the same as Hedge 2 (TN10) but the woody component is completely missing, with only bramble. Height 1-1.5m, width 2-2.5m. Cover 90%.	Does not qualify.	N/A
<b>g4 Modified grassland</b> WIG_002: TN13	Field 2 and 5: Modified grassland grazed by cattle. Vegetation cover 95% with localised poaching near gateways. Vegetation height on average 15cm. Perennial rye-grass dominated. 4.6 species per m2.	Does not qualify.	Poor

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> WIG_002: TN17, TN26	Fence that forms the southern boundary of fields 2 and 3 prior to the railway embankment. Vegetation dominated by false oat-grass.	Does not qualify.	N/A
<b>u1d suburban mosaic of developed and natural surface</b> WIG_002: TN25, TN27	Farmyard and associated buildings.	Does not qualify.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 49.62 biodiversity units and hedgerow units were calculated at 46.59 biodiversity units. There is one pond (Pond 2, TN12) that qualifies for selection as a LWS and several additional trees (TNs 6, 16, 21 and 24) that may be suitable for selection as LWS on this site, which are detailed in Table 37. There is currently one previously designated cLWS ash tree (TN3) located on site (Wigston Harcourt: Cooks/Newton Lane Ash 2) within hedge 1.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.15). Protected and notable species identified as a receptor for the site are detailed in Table 38.

**Table 38. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	-	Amber Risk	-	-	-
Field Survey	█	-	-	-	✓ Roosting & Commuting.	✓	✓ (TN5, TN12)	-	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs: 3,6,16,21,23 and 24. All the hedgerows and lines of trees are suitable for commuting bats.
- Birds:** There are woodpecker holes present in a handful of trees on site (TN3, 24).
- GCN and Amphibians:** there are two ponds (TN5, TN12) that may support common amphibians or GCN. District Level Licence Natural England Risk Zone: majority amber, partially green.



## WIG\_003 - LAND NORTH OF DENBYDALE

### SITE DESCRIPTION

The site is located in east Wigston, between Newton Lane and Meadow way and forms part of the larger WIG\_004, 006 and 008 sites. The site is centred at Ordnance Survey National Grid Reference SP61799855 (Figure 1a.16). The site is predominantly agricultural arable land surrounded by hedgerows and fencing. Habitats recorded here were Native hedgerows, cereal crops, and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 39 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.16).

**Table 39. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.00	N
Newton Lane Meadows	LWS	0.00	N
Great Crested Newt pond, off Newton Lane	LWS	0.14	ESE
Newton Lane Ash Trees	LWS	0.17	S
The Meadows Balancing Reservoir	LWS	0.19	SW
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.25	SSW
Severn Oaks Farm great crested newt ponds	LWS	0.42	ESE
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR / LWS	0.59	NNE
Brock's hill mature trees	LWS	0.65	NE
Glen Gorse Golf Course	LWS	0.73	ESE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.77	S
Spinney Pond, Brock's Hill Country Park	LWS	0.81	NNE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.87	SSE
Foston Gate Meadow	LWS	0.96	SSW
Wigston Harcourt, Cooks Lane hedge	LWS	1.00	SSW
Lucas Marsh	LNR/LWS	1.02	NNE
Cooks Lane Pasture	LWS	1.04	SSW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.16	SSW

Site Name	Designation	Distance from Site (km)	Direction
Opposite Invicta Park Oadby	LWS	1.25	N
Wigston, St Petrox' Ash	LWS	1.28	SW
0Kilby - Foxton Canal	SSSI	1.48	SSW
Oadby Municipal Golf Course - Wet Grassland	LWS	1.52	NNW
Grand Union Canal	LWS	1.64	SSW
Canal Pasture	LWS	1.66	S
Hermitage Hotel Beech	LWS	1.68	NNE
Navy's Pit	LWS	1.68	WSW
Canal Rough Grassland	LWS	1.71	S
Wigston, Bushlow High School Ash	LWS	1.74	W
Trees West of Newton Harcourt	LWS	1.79	SE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.88	WSW

### Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and there is a shared boundary between the site and the Newton Lane Meadows LWS to the south-east. It has good connectivity to the surrounding agricultural landscape and LWSs via the hedgerows to the north and east. However, to the west there is limited connectivity due to residential housing. Priority Habitats within 1km identified via the MAGIC search included a single parcel of lowland mixed deciduous woodland associated with Glen Gorse Golf Course, which is not directly connected to the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.16, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 40. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_004: TN24	An arable field sown with a crop of bread wheat <i>Triticum aestivum</i> . Cover 95%, height avg. 80cm. Not many weeds, those in the margins near hedgerows are recorded under the hedgerow species list.	Does not qualify.	N/A
<b>h2a6 Other native hedgerows</b> WIG_004: TN25, TN27 WIG_011: TN11	Hedge 6 (WIG_004, TN25): Hawthorn dominated hedge to 2m high by 2m wide. Cover 95%. Very species-poor.  Hedge 7 (WIG_004, TN27): Hawthorn hedge with ash and field maple standards. Some areas the hedge has been gardened by residents or replaced by fences. Average height 3-5m width, 2-4m. Cover 98%.  Hedge 3 (WIG_011, TN11) Elm <i>Ulmus procera</i> and hawthorn hedgerow 2.5m tall by 2.5m wide. No gaps at base, canopy cover 100%. Well managed, good shape. Two ash standards at Western end. Fewer than 5 woody species per 30m.	Does not qualify for selection as LWS under the hedgerows criteria.	H6: Good H7: Moderate H3: Good

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> WIG_004: TN26	Fence line that forms the south-western boundary where various homeowners maintain the vegetation. Some scattered native shrubs and trees as well as garden origin species. Mostly rooted in residential property but some are naturalized or native on field boundary. Localised nettle beds and bramble scrub also present.	Not applicable.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 5.38 biodiversity units and hedgerow units were calculated at 6.16 biodiversity units. There are no features within this site that qualify for selection as LWS.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.16). Protected and notable species identified as a receptor for the site are detailed in Table 41.

**Table 41. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
<b>Desk Study</b>	█	-	-	-	-	-	✓ Amber	-	-	-

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Field Survey	I	-	-	-	✓ Roosting & Commuting.	✓	✓	-	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.



- **Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 28-30. Hedges 6 and 7 are suitable for commuting bats.
- **Birds:** Skylarks and swifts were heard over the arable field (TN24).
- **GCN and Amphibians:** There are GCN license requests reported by the desk study that are associated with the eastern boundary of the site.  
District Level Licence Natural England Risk Zone: amber.

## WIG\_004 - LAND NORTH OF NEWTON LANE

### SITE DESCRIPTION

The site is located in east Wigston, north of Newton Lane and is centred at Ordnance Survey National Grid Reference SP62099885 (Figure 1a.17). This site is approximately 40 hectares and as such, it contains a series of smaller sites within its boundaries. Site contained within WIG\_004 are WIG\_003 and WIG\_006, as such these sites were surveyed at the same time within the same series of target notes. The site is predominantly arable farmland with hedgerows and a ditch dividing the four fields. Habitats recorded here were lines of trees, mature trees, native hedgerows, ditches, cereal crops, artificially unvegetated unsealed surfaces and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 42 with the designation as, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.17).

**Table 42. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site - 0.00	N
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	Adjacent - 0.00	N
Newton Lane Meadows	LWS	Adjacent - 0.00	N
Brock's hill mature trees	LWS	0.00	N
Newton Lane Ash Trees	LWS	0.01	S
Great Crested Newt pond, off Newton Lane	LWS	0.03	WNW
Severn Oaks Farm great crested newt ponds	LWS	0.11	SE
Spinney Pond, Brock's Hill Country Park	LWS	0.12	N
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.16	WNW
The Meadows Balancing Reservoir	LWS	0.19	SW
Lucas Marsh	LNR/LWS	0.37	N
Glen Gorse Golf Course	LWS	0.41	SE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.48	S
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.51	S
Opposite Invicta Park Oadby	LWS	0.61	NNE

Site Name	Designation	Distance from Site (km)	Direction
Wigston Harcourt, Cooks Lane hedge	LWS	0.77	SSW
Foston Gate Meadow	LWS	0.84	SW
Cooks Lane Pasture	LWS	0.85	SW
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.98	SW
Hermitage Hotel Beech	LWS	0.99	NNE
Oadby Municipal Golf Course - Wet Grassland	LWS	1.07	NW
Wigston, St Petrox' Ash	LWS	1.17	SW
0Kilby - Foxton Canal	SSSI	1.23	SSW
Canal Pasture	LWS	1.38	S
Trees West of Newton Harcourt	LWS	1.40	SE
Canal Rough Grassland	LWS	1.43	SSW
Grassland A6 Roundabout	LWS	1.43	E
Severn Road wet meadow	LWS	1.45	NE
Fludes Lane & Spinney	LWS	1.49	NNE
Grand Union Canal	LWS	1.49	SW
Knighton Park hedgerows	LWS	1.56	NW
Navy's Pit	LWS	1.68	WSW
Stretton Hall hedgerows	LWS	1.68	ENE
Wigston, Bushlow High School Ash	LWS	1.74	W
Oadby Grange Country Park	LWS	1.75	NE
Saffron Brook	LWS	1.75	NW
Oadby Grange lake	LWS	1.79	NE
Mature trees, Knighton Park	LWS	1.80	NW
Gorse Pasture Oadby	LWS	1.83	ENE
Mature Willow, R Sence	LWS	1.84	SSW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.85	SSE
Washbrook Stream	LWS	1.87	NE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.88	WSW
Knighton Spinney	LNR	1.89	NW
Knighton Spinney LNR	LWS	1.89	NW
Oak N of Grand Union Canal	LWS	1.92	SSE
Racecourse Meadow	LWS	1.99	NNW

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and there is a shared boundary between the site and the Newton Lane Meadows LWS to the south-west and a shared boundary with Brock's Hill Country Park LNR/LWS to the north-west of the site. It has good connectivity to the surrounding agricultural landscape and is connected to Glen Gorse Golf Course LWS via the hedgerows to the east. However, to the west there is limited connectivity due to residential housing. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.6km to the east. There is also traditional orchard, lowland mixed deciduous woodland and lowland fen 0.4km to the north which is associated with Brock's Hill Country Park with which the site is directly connected.



## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.17, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 43. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> WIG_004: TN1, TN26	<p>TN1: Fence; with tall herb and scattered trees. Wire fence to 2.5m high with bramble and goat willow present as scrub. Tall ruderal herbs are also present along the fence length. There is a grassy pathway dominated by perennial rye-grass adjacent to the fence between it and the crop.</p> <p>TN26: Fence line where various homeowners maintain the vegetation. Some scattered native shrubs and trees as well as garden origin species.</p>	Does not qualify.	N/A
<b>w1g6 Line of trees</b> WIG_004: TN2	Line of trees that are growing along the fence and make up the boundary feature between the field and the road to the school. Mostly young Ash trees with bramble scrub.	Does not qualify.	N/A
<b>w1g6 Line of tree; Ecologically valuable</b> WIG_004: TN22	Line of ash trees that form the southern boundary of the eastern arm of the site. Mostly mature and reaching 25m in height. Ivy covering on some trees and knot holes present.	Does not qualify for selection as LWS under the mature trees criteria.	Moderate

Habitat	Result	LWS Status & Potential	Condition
<b>Rural Trees</b> WIG_004: TN10 & 11	<p>TN10: Two mature oak standards in field 1. The north-east tree has a split limb. The south-west tree is in good health.</p> <p>TN11: Single oak tree to 20m with fire damage on the north side from vandalism.</p>	<p>TN10: Larger tree may qualify as a LWS on size and features.</p>	<p>TN10: Good</p> <p>TN11: Good</p>
<b>h2a5 190 Species-rich native hedgerow with trees (and associated ditch)</b> WIG_004: TN4, TN6	<p>Hedge 2 (TN4): A variable hedge that has ash standards over hawthorn but also has sections of defunct hedge with leggy plum trees with little understorey. There are some gaps exceeding 5m. There is a woven fence on the boundary with the country park. Average height approximately 3m, width variable from 1-4m.</p> <p>Hedge 3 (TN6): <i>Prunus</i> spp. dominated hedgerow with frequent ash standards. Actively managed especially toward the east. Many ash standards have dieback or have already succumbed. English elm <i>Ulmus procera</i> achieves local dominance in places.</p>	<p>Hedge 2 and 3 may qualify as pLWS, due to having more than 6 locally native trees or shrubs per 30m. Within hedge 2 there is a multi-stemmed ash tree that may be suitable for selection as a LWS (TN8).</p>	<p>H2: Moderate</p> <p>H3: Moderate</p>
<b>h2a6 Other native hedgerows</b> WIG_004: TN13, 25, 27, 31	<p>Hedge 4 (TN13): Variable height hedgerow along the eastern boundary of the site. Mostly made up of hawthorn and elm, but many elms are dying due to Dutch elm disease. Herbaceous plants nearby are indicative of enriched conditions. The hedge is relatively species poor, with only 4 woody species per 30m. Dry ditch on eastern side.</p>	<p>Does not qualify for selection as LWS under the hedgerows criteria.</p>	<p>H4: Moderate</p> <p>H6: Good</p> <p>H7: Moderate</p> <p>H8: Good</p>

Habitat	Result	LWS Status & Potential	Condition
	<p>Hedge 6 (TN25): Hawthorn dominated hedge to 2m high by 2m wide. Cover 95%. Very species-poor.</p> <p>Hedge 7 (TN27): Hawthorn hedge with ash and field maple standards. Some areas the hedge has been gardened by residents or replaced by fences. Average height 3-5m width, 2-4m. Cover 98%.</p> <p>Hedge 8 (TN31): Hawthorn hedgerow 2.5m high by 3m wide that divides the fields from east to west. There is a shallow dry ditch for the hedgerow length.</p>		
<p><b>Ditch</b></p> <p>WIG_004: TN12</p>	<p>A field ditch running north-east to south with flowing water. The channel bed is 75cm wide and water depth 3-5cm. Hard rush <i>Juncus inflexus</i> and meadowsweet <i>Filipendula ulmaria</i> locally abundant along edge. Small amounts of hawthorn scrub also present along the bank, forming linear feature toward the southern end (See TN23).</p>	<p>Does not qualify for selection as LWS under the watercourses criteria.</p>	<p>Moderate</p>
<p><b>u1c Artificially unvegetated unsealed surface</b></p> <p>WIG_004: TN18</p>	<p>Gravel driveway into the site from the Newton Lane to the south.</p>	<p>Not applicable.</p>	<p>N/A</p>

Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_004: TN24	All fields are sown with a crop of bread wheat. Cover 95%, height avg. 80cm. Not many weeds, those in the margins near hedgerows are recorded under the hedgerow species list and represent the majority of the species found across all the arable fields. Swift and Skylark overhead.	Does not qualify.	N/A
<b>c1 – Arable &amp; Horticulture</b> WIG_004: TN21	Neglected arable land with tall rank grasses and herbs. Vegetation height to 75cm avg. Cover 100%.	Does not qualify	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 104.10 biodiversity units, Hedgerow units were calculated at 47.08 and Watercourse units were calculated at 7.20. There are two hedgerows (TN4, TN6) and two trees (TNs 8 and 10) that may be suitable for selection as LWS on this site, which are detailed in Table 43.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.17). Protected and notable species identified as a receptor for the site are detailed in Table 44.

**Table 44. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	■	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	■	-	-	✓ Possible (TN12)	✓ Roosting & Commuting.	✓	✓ Possible (TN12)	-	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 3, 5 7-9, 10, 14-17, 19, 20, 22, 28-30, 32, 33. All hedges on the site are suitable for commuting bats.
- Birds:** Skylarks and swifts were heard over the arable field (TN24). There were habitats on site that may support nesting birds.
- GCN and Amphibians:** There are GCN license requests reported by the desk study that are associated with the eastern boundary of the site, the ditch may be used by GCN or common amphibians. District Level Licence Natural England Risk Zone: majority amber, partially green.
- Water vole:** the ditch (TN12) may be suitable for use by water vole.

## WIG\_005 – HIGHFIELD FARM

### SITE DESCRIPTION

The site is located in east Wigston, between Newton Lane and Glen Gorse Golf Course and is centred at Ordnance Survey National Grid Reference SP62629798 (Figure 1a.18). The site is predominantly agricultural farmland, with a mixture of arable and improved grassland divided by a series of hedgerows. Habitats recorded here were modified grassland, mature trees, native hedgerows, ditches, cereal crops, artificially unvegetated unsealed surfaces, temporary grass and clover leys and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 45 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.18).

**Table 45. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Glen Gorse Golf Course	LWS	Adjacent - 0.00	N
Severn Oaks Farm great crested newt ponds	LWS	0.19	NNW
Newton Lane Ash Trees	LWS	0.27	WNW
Great Crested Newt pond, off Newton Lane	LWS	0.40	NW
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.42	SW
Unnamed	Green Wedge	0.44	NNW
Newton Lane Meadows	LWS	0.46	WNW
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.49	W
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.50	SW
Trees West of Newton Harcourt	LWS	0.58	SE
The Meadows Balancing Reservoir	LWS	0.76	WNW
Wigston Harcourt, Cooks Lane hedge	LWS	0.85	SW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	0.94	NNW
Brock's hill mature trees	LWS	0.95	NNW
Cooks Lane Pasture	LWS	1.01	WSW
Foston Gate Meadow	LWS	1.05	WSW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.09	SSE

Site Name	Designation	Distance from Site (km)	Direction
Kilby - Foxton Canal	SSSI	1.09	SSE
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.14	WSW
Canal Pasture	LWS	1.18	SW
Spinney Pond, Brock's Hill Country Park	LWS	1.25	NNW
Canal Rough Grassland	LWS	1.27	SW
Oak N of Grand Union Canal	LWS	1.35	S
Wigston, St Petrox' Ash	LWS	1.37	WSW
Grassland A6 Roundabout	LWS	1.37	ENE
Lucas Marsh	LNR/LWS	1.49	NNW
Turnover Lock Grassland, Wistow	LWS	1.53	SSW
Grand Union Canal	LWS	1.62	SW
Mature Willow, R Sence	LWS	1.70	SW
Opposite Invicta Park Oadby	LWS	1.77	NNW
Stretton Hall hedgerows	LWS	1.94	NE
Navy's Pit	LWS	1.99	WSW

### Connectivity

The site is adjacent to Glen Gorse Golf Course LWS and shares its north-eastern boundary with the golf course, therefore it has good connectivity to the wider landscape via hedgerows and the golf course. However, to the south-west there is limited connectivity due to Newton Lane. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.1km to the north-east and at Coombe Park 0.9km north-east. The site is not directly connected to these woodlands.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.18, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 46. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>g4 Modified grassland</b> WIG_005: TN1	Field 1: A permanent pasture that is sheep grazed and dominated by perennial rye-grass. Cover is 90% with poaching in gateways. Vegetation height is consistently short to 7cm.	Does not qualify for selection as LWS under the grasslands criteria.	Poor
<b>h2a5 190 Species-rich native hedgerow (with trees)</b> WIG_005: TN4, TN11, TN15	<p>Hedge 1 (TN4): Hawthorn hedgerow mostly 1.5m high by 2m wide. Fenced to keep stock in. Occasional ash trees. Gap between ground and shrub canopy 70cm for 90% of hedge.</p> <p>Hedge 2 (TN11): Hedgerow under regular management. Height 1.5m, 2m wide. There is a fence associated with it and it is not as sparse as hedge 1. There are standard ash trees, some of which have dieback. The hedge becomes taller on boundary with golf course to 4m.</p> <p>Hedge 3 (TN15): Hawthorn hedgerow with trees and associated ditch. Average height is 3.5m and width 3.5m. Not stock proof but there is a fence on pasture side and a ditch on the south side. See TN20 for details of the ditch.</p>	Due to lower woody species count these hedges are unlikely to meet LWS selection criteria. Within hedge 3 there is a mature oak tree (TN18) and mature ash tree (TN22) that are suitable for selection as a LWS due to size.	H1: Moderate H2: Good H3: Good



Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_005: TN7, TN9	Field 2 (TN7): Arable crop of spring barley. Field 3 (TN9): Recently sown arable field with maize seedlings	Does not qualify.	N/A
<b>c1b - Temporary grass and clover leys</b> WIG_005: TN23	Field 4: A temporary grassland that is in rotation with arable crops and is currently sheep grazed. Sward height from 5-20cm.	Does not qualify.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 45.46 biodiversity units and hedgerow units were calculated at 26.24. There are two trees (TNs 18 and 22) that may be suitable for selection as LWS on this site, which are detailed in Table 46.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.18). Protected and notable species identified as a receptor for the site are detailed in Table 47.

**Table 47. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	I	-	-	-	✓ Roosting & Commuting.	✓	-	-	-	-

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs: 2, 5, 8, 10, 12-18, 21, 22, 24 and 25. All hedges on the site are suitable for commuting bats.
- **Birds:** Skylarks were heard over the fields (TN23) and there is a dead ash tree that may be suitable for nesting birds (TN8).
- **GCN and Amphibians:** There are GCN records provided by the desk study that are associated with the north-western boundary of the site. District Level Licence Natural England Risk Zone: majority amber, partially green.

## WIG\_006 - LAND OFF DENBYDALE AND ROSEDALE ROAD

### SITE DESCRIPTION

The site is located in east Wigston, between Newton Lane and Meadow way and forms part of the larger WIG\_004, and 008 sites and contains WIG\_006, as such all sites were surveyed at the same time. The site is centred at Ordnance Survey National Grid Reference SP61919879 (Figure 1a.19). The site is predominantly agricultural arable land surrounded by hedgerows and fencing. Habitats recorded here were Native hedgerows, cereal crops, and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 48 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.19).

**Table 48. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.00	N
Newton Lane Meadows	LWS	0.00	N
Great Crested Newt pond, off Newton Lane	LWS	0.14	ESE
Newton Lane Ash Trees	LWS	0.17	S
The Meadows Balancing Reservoir	LWS	0.19	SW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR/LWS	0.20	NNE
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.25	SSW
Brock's hill mature trees	LWS	0.27	NE
Severn Oaks Farm great crested newt ponds	LWS	0.41	ESE
Spinney Pond, Brock's Hill Country Park	LWS	0.42	NNE
Lucas Marsh	LNR	0.63	NNE
Lucas Marsh	LWS	0.63	NNE
Glen Gorse Golf Course	LWS	0.73	ESE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.77	S
Opposite Invicta Park Oadby	LWS	0.86	N
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.87	SSE
Foston Gate Meadow	LWS	0.96	SSW

Site Name	Designation	Distance from Site (km)	Direction
Wigston Harcourt, Cooks Lane hedge	LWS	1.00	SSW
Cooks Lane Pasture	LWS	1.04	SSW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.16	SSW
Oadby Municipal Golf Course - Wet Grassland	LWS	1.25	NW
Wigston, St Petrox' Ash	LWS	1.28	SW
Hermitage Hotel Beech	LWS	1.28	NNE
Kilby - Foxton Canal	SSSI	1.48	SSW
Grand Union Canal	LWS	1.64	SSW
Canal Pasture	LWS	1.66	S
Navy's Pit	LWS	1.68	WSW
Canal Rough Grassland	LWS	1.71	S
Wigston, Bushlow High School Ash	LWS	1.74	W
Knighton Park hedgerows	LWS	1.75	NW
Severn Road wet meadow	LWS	1.78	NE
Trees West of Newton Harcourt	LWS	1.79	SE
Fludes Lane & Spinney	LWS	1.80	NE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.88	WSW
Saffron Brook	LWS	1.93	NW
Mature trees, Knighton Park	LWS	1.97	NW

## Connectivity

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and there is a shared boundary between the site and the Newton Lane Meadows LWS to the south. It has good connectivity to the surrounding agricultural landscape and LWSs via the hedgerows to the north and east. However, to the west there is limited connectivity due to residential housing. Priority Habitats within 1km identified via the MAGIC search included a several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.7km to the east., which are not directly connected to the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.19, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 49. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_004: TN24	An arable field sown with a crop of bread wheat. Cover 95%, height avg. 80cm.	Does not qualify.	N/A
<b>h2a6 Other native hedgerows</b> WIG_004: TN25, TN27, TN31 WIG_011: TN11	<p>Hedge 6 (WIG_004, TN25): Hawthorn dominated hedge to 2m high by 2m wide. Cover 95%. Very species-poor.</p> <p>Hedge 7 (WIG_004, TN27): Hawthorn hedge with ash and field maple standards. Some areas the hedge has been gardened by residents or replaced by fences. Average height 3-5m width, 2-4m. Cover 98%.</p> <p>Hedge 3 (WIG_011, TN11) English elm and hawthorn hedgerow 2.5m tall by 2.5m wide. No gaps at base, canopy cover 100%. Well managed, good shape. Two ash standards at Western end. Fewer than 5 woody species per 30m.</p> <p>Hedge 8 (TN31): Hawthorn hedgerow 2.5m high by 3m wide that divides the fields from east to west. There is a shallow dry ditch for the hedgerow length.</p>	Does not qualify for selection as LWS under the hedgerows criteria.	H6: Good H7: Moderate H3: Good H8: Good

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> WIG_004: TN26	Fence line that forms the south-western boundary where various homeowners maintain the vegetation. Some scattered native shrubs and trees as well as garden origin species. Mostly rooted in residential property but some are naturalized or native on field boundary. Localized nettle beds and bramble scrub also present.	Not applicable.	N/A

### Habitat Summary

Overall, the area-based habitats were calculated at 19.83 biodiversity units and Hedgerow units were calculated at 8.21. There are no features within this site that qualify for selection as LWS.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.19). Protected and notable species identified as a receptor for the site are detailed in Table 50.

**Table 50. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	-	✓ Amber Risk	-	-	-

Field Survey	I	-	-	-	✓ Roosting & Commuting.	✓	-	-	-	-
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### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**



- **Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 28-30, 32, 33). Hedges 3, 6, 7 and 8 are suitable for commuting bats.
- **Birds:** Skylarks and swifts were heard over the arable field (TN24).
- **GCN and Amphibians:** There are GCN records provided by the desk study that are associated with the eastern boundary of the site. District Level Licence Natural England Risk Zone: majority amber, partially green.

## WIG\_007 – LAND AT SEVEN OAKS FARM, NEWTON LANE

### SITE DESCRIPTION

The site is located in east Wigston, north of Newton Lane and is centred at Ordnance Survey National Grid Reference SP62409843 (Figure 1a.20). The site is predominantly arable farmland and some grassland with hedgerows and a ditch dividing the fields. The site is located between WIG\_005 Highfield Farm and WIG\_004 Land North of Newton Lane. Habitats recorded here were native hedgerows, grassland, ditches, cereal crops, mature trees, mixed scrub, ponds and artificially unvegetated unsealed surfaces.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 51 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.20).

**Table 51. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Severn Oaks Farm great crested newt ponds	LWS	On site - 0.00	N
Glen Gorse Golf Course	LWS	Adjacent - 0.00	N
Unnamed	Green Wedge	0.03	NW
Newton Lane Ash Trees	LWS	0.07	W
Great Crested Newt pond, off Newton Lane	LWS	0.12	WNW
Newton Lane Meadows	LWS	0.23	WNW
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.30	WNW
Brock's hill mature trees	LWS	0.39	N
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.40	N
Brocks Hill Country Park and LNR, Oadby	LWS	0.40	N
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.44	SSW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.48	SSW
The Meadows Balancing Reservoir	LWS	0.55	WNW
Spinney Pond, Brock's Hill Country Park	LWS	0.69	NNW
Wigston Harcourt, Cooks Lane hedge	LWS	0.81	SSW
Cooks Lane Pasture	LWS	0.93	SW



Site Name	Designation	Distance from Site (km)	Direction
Foston Gate Meadow	LWS	0.93	WSW
Lucas Marsh	LNR	0.93	NNW
Lucas Marsh	LWS	0.93	NNW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.06	SW
Trees West of Newton Harcourt	LWS	1.14	SSE
Opposite Invicta Park Oadby	LWS	1.21	NNW
0Kilby - Foxton Canal	SSSI	1.23	SSW
Wigston, St Petrox' Ash	LWS	1.26	WSW
Canal Pasture	LWS	1.34	SSW
Grassland A6 Roundabout	LWS	1.35	E
Canal Rough Grassland	LWS	1.39	SSW
Hermitage Hotel Beech	LWS	1.50	N
Grand Union Canal	LWS	1.56	SW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.68	SSE
Severn Road wet meadow	LWS	1.75	NNE
Stretton Hall hedgerows	LWS	1.77	ENE
Fludes Lane & Spinney	LWS	1.79	NNE
Oak N of Grand Union Canal	LWS	1.80	S
Oadby Municipal Golf Course - Wet Grassland	LWS	1.80	NW
Mature Willow, R Sence	LWS	1.83	SSW
Navy's Pit	LWS	1.84	WSW
Turnover Lock Grassland, Wistow	LWS	1.94	S

## Connectivity

The site is adjacent to Glen Gorse Golf Course LWS and shares part of its eastern boundary with the golf course, therefore it has good connectivity to the wider landscape via hedgerows and the golf course. However, to the south-west there is limited connectivity due to Newton Lane. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.1km to the north-east and at Coombe Park 0.9km north-east. The site is not directly connected to these woodlands.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.20, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 52. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>Other native hedgerow with trees and associated ditch</b></p> <p>WIG_007: TN1</p>	<p>Hedge 1 (TN1): Hawthorn hedge with ditch on Southern side height 2m, width 2.5 m no gaps at base canopy cover 90% with a 4m gap at driveway entrance and scattered trees.</p> <p>Hedge 3a (TN17): Hawthorn dominated hedge with scattered trees. Height avg. 2.5m, width 2m. Herbaceous strip between hedge and crop 0.5m to 1m. No gaps at base. Canopy cover 90%.</p>	Does not qualify for selection as LWS under the hedgerows criteria.	<p>H1: Good</p> <p>H3: Moderate</p>
<p><b>Species-rich native hedgerow with associated ditch and trees</b></p> <p>WIG_007: TN9, TN21</p>	<p>Hedge 2 (TN9): Hawthorn dominated hedge that is on average 3m tall by 2.5m wide with associated ditch and trees. No gaps at base. Canopy is 95% cover with standard ash trees throughout length.</p> <p>Hedge 4 (TN21): Hawthorn hedge, with species as similar to hedge 3 but with Ash and oak standards. Height 2.5m, width 2m. Canopy 90% with some gaps in the shrub component to 5m.</p>	<p>Hedge 2 unlikely to qualify for selection.</p> <p>Hedge 4 may qualify on mature trees.</p>	<p>H2: Good</p> <p>H4: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<b>g 74 Grassland, ploughed</b> WIG_007: TN2	Grasslands that have been recently ploughed. Seems to have previously been a grassland. Species list taken from edges and remnants.	Unknown.	Good (precautionary).
<b>Ditch</b> WIG_007: TN5	A field ditch running east to west with a gentle flow. The channel bed is 75cm wide and water depth 3-5cm. There was 50cm of bank vegetation either side and water was pooling near the trackway and willows.	Does not qualify for selection as LWS under the watercourses criteria.	Moderate
<b>Rural Trees &amp; Mature Trees</b> WIG_007: TN3, 4, 6, 7, 8, 10, 14, 18, 23, 24.	<p>TN3: Mature ash to 25m tall around 2m girth chest height with large wound on secondary trunk which has clear cavities. Large split on northern trunk.</p> <p>TN4: Mature ash with dieback that has been damaged but has open hole.</p> <p>TN6: Two weeping willows <i>Salix x pendulina</i> either side of trackway. Associated with ditch. In good health to 15m tall.</p> <p>TN7: Mature oak to 15m with leading trunk split off (veteran feature). Girth to 3m. Potential LWS.</p> <p>TN8: Ash in H2 with dieback and many canker wounds.</p> <p>TN10: Ash tree to 20m with heart rot and leading limb split, Ash dieback affecting tree heavily.</p>	TN3, 7, 10, 14, 22: May qualify as a LWS on size and features.	<p>TN3: Good</p> <p>TN4: Good</p> <p>TN6: Moderate</p> <p>TN7: Good</p> <p>TN8: (see WIG_005)</p> <p>TN14: Good</p> <p>TN18: Good</p>

Habitat	Result	LWS Status & Potential	Condition
	<p>TN14: Mature crack willow, girth approx. 2.5m. Possible LWS tree.</p> <p>TN22: A series of four Ash trees in hedge 4 with dieback. Many have holes from woodpeckers as well as split limbs and heart rot cavities, suitable for bats. Two of the four are likely to qualify as pLWS with girth of the larger trees.</p> <p>TN18, 23, 24 – Mature turkey oak trees</p>		
c1c7 Other cereal crops WIG_007: TN11	The majority of fields were sown with a Bread wheat <i>Triticum aestivum</i> crop. Cover 99%, height 75cm.	Does not qualify.	N/A
h3h Mixed scrub WIG_007: TN12, TN19	<p>TN12: Mixed scrub area with tall herbs surrounding a small pond. Scattered trees are crack willows <i>Salix fragilis</i>.</p> <p>TN19: Hawthorn scrub area with field pond and ash trees.</p>	cLWS Sevenoaks Farm GCN ponds.	<p>TN12: Moderate</p> <p>TN19: Poor</p>
Ponds WIG_007: TN13, TN20	Pond 1 (TN13): Field pond that is around 12m by 4m. Shaded entirely by scrub and crack willow trees. No	cLWS Sevenoaks Farm GCN ponds.	<p>P1: Moderate</p> <p>P2: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	<p>aquatic vegetation. Water appears murky and access is limited.</p> <p>Pond 2 (TN20): Field pond with scrub and tall herb surrounding it. Limited aquatic vegetation, shade 15%. 12m by 10m.</p>		

### Habitat Summary

Overall, the area-based habitats were calculated at 103.24 biodiversity units, hedgerow units were calculated at 45.53 and watercourse units were calculated at 3.83. There is one hedgerow (Hedge 4, TN21) and several trees (TN3, 7, 10, 14) that may be suitable for selection as LWS on this site, which are detailed in Table 52.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.20). Protected and notable species identified as a receptor for the site are detailed in Table 53.

**Table 53. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	I	-	-	✓ (TN5)	✓ Roosting & Commuting.	✓	✓ (TN13, TN20)	✓ (TN5)	-	-

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

- **Birds:** Many trees had woodpecker holes (TNs 3, 8, 10, 22), Grey heron *Ardea cinerea* seen at the ditch (TN5).
- **Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 3, 4, 7, 8, 9, 10, 22. All hedges on the site are suitable for commuting bats.
- **GCN and Amphibians:** There are GCN LWS ponds on site (TNs 13 and 20). The ditch (TN5) may be used by GCN or common amphibians, there were reports of grass-snake using the ditch. District Level Licence Natural England Risk Zone: amber.
- **Water vole:** the ditch (TN5) may be suitable for water vole.
- **Reptiles:** Ditch (TN5) may be suitable for reptiles, residents reported seeing a grass snake there.

## WIG\_008 - LAND NORTH OF NEWTON LANE

### SITE DESCRIPTION

The site is located in east Wigston, north of Newton Lane and is centred at Ordnance Survey National Grid Reference SP62259867 (Figure 1a.21). This site is approximately 69 hectares and as such, it contains a series of smaller sites within its boundaries. Site contained within WIG\_008 are WIG\_003, WIG\_006, WIG\_004 and WIG\_007. The site is predominantly arable farmland with hedgerows ditches dividing the fields. Habitats recorded here were lines of trees, mature trees, native hedgerows, ditches, cereal crops, artificially unvegetated unsealed surfaces and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 54 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.21).

**Table 54. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	0.00	N
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.00	N
Severn Oaks Farm great crested newt ponds	LWS	0.00	N
Newton Lane Meadows	LWS	0.00	N
Brock's hill mature trees	LWS	0.00	N
Brocks Hill Country Park and LNR, Oadby	LWS	0.00	N
Glen Gorse Golf Course	LWS	0.00	N
Newton Lane Ash Trees	LWS	0.01	S
Great Crested Newt pond, off Newton Lane	LWS	0.03	WNW
Spinney Pond, Brock's Hill Country Park	LWS	0.12	N
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.16	WNW
The Meadows Balancing Reservoir	LWS	0.19	SW
Lucas Marsh	LNR	0.37	N
Lucas Marsh	LWS	0.37	N
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.44	SSW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.48	S

Site Name	Designation	Distance from Site (km)	Direction
Opposite Invicta Park Oadby	LWS	0.61	NNE
Wigston Harcourt, Cooks Lane hedge	LWS	0.77	SSW
Foston Gate Meadow	LWS	0.84	SW
Cooks Lane Pasture	LWS	0.85	SW
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.98	SW
Hermitage Hotel Beech	LWS	0.99	NNE
Oadby Municipal Golf Course - Wet Grassland	LWS	1.07	NW
Trees West of Newton Harcourt	LWS	1.14	SSE
Wigston, St Petrox' Ash	LWS	1.17	SW
0Kilby - Foxton Canal	SSSI	1.23	SSW
Canal Pasture	LWS	1.34	SSW
Grassland A6 Roundabout	LWS	1.35	E
Canal Rough Grassland	LWS	1.39	SSW
Severn Road wet meadow	LWS	1.45	NE
Fludes Lane & Spinney	LWS	1.49	NNE
Grand Union Canal	LWS	1.49	SW
Knighton Park hedgerows	LWS	1.56	NW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.68	SSE
Navy's Pit	LWS	1.68	WSW
Stretton Hall hedgerows	LWS	1.68	ENE
Wigston, Bushlow High School Ash	LWS	1.74	W
Oadby Grange Country Park	LWS	1.75	NE
Saffron Brook	LWS	1.75	NW
Oadby Grange lake	LWS	1.79	NE
Oak N of Grand Union Canal	LWS	1.80	S
Mature trees, Knighton Park	LWS	1.80	NW
Mature Willow, R Sence	LWS	1.83	SSW
Gorse Pasture Oadby	LWS	1.83	ENE
Washbrook Stream	LWS	1.87	NE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.88	WSW
Knighton Spinney	LNR	1.89	NW
Knighton Spinney LNR	LWS	1.89	NW



Site Name	Designation	Distance from Site (km)	Direction
Turnover Lock Grassland, Wistow	LWS	1.94	S
Racecourse Meadow	LWS	1.99	NNW

## Connectivity

### WIG\_004 – Western Section

The site is currently designated as a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019) and there is a shared boundary between the site and the Newton Lane Meadows LWS to the south-west and a shared boundary with Brock's Hill Country Park LNR/LWS to the north-west of the site. It has good connectivity to the surrounding agricultural landscape and is connected to Glen Gorse Golf Course LWS via the hedgerows to the east. However, to the west there is limited connectivity due to residential housing. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.6km to the east. There is also traditional orchard, lowland mixed deciduous woodland and lowland fen 0.4km to the north which is associated with Brock's Hill Country Park with which the site is directly connected.

### WIG\_007 – Eastern Section

The site is adjacent to Glen Gorse Golf Course LWS and shares part of its eastern boundary with the golf course, therefore it has good connectivity to the wider landscape via hedgerows and the golf course. However, to the south-west there is limited connectivity due to Newton Lane. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.1km to the north-east and at Coombe Park 0.9km north-east. The site is not directly connected to these woodlands.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.21, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 55. Habitats – WIG\_004 – Western Section**

Habitat	Result	LWS Status & Potential	Condition
<b>u1e 69 Fence</b> WIG_004: TN1, TN26	<p>TN1: Fence; with tall herb and scattered trees. Wire fence to 2.5m high with bramble and goat willow present as scrub. Tall ruderal herbs are also present along the fence length. There is a grassy pathway dominated by perennial rye-grass adjacent to the fence between it and the crop.</p> <p>TN26: Fence line where various homeowners maintain the vegetation. Some scattered native shrubs and trees as well as garden origin species.</p>	Not applicable.	N/A
<b>w1g6 Line of trees</b> WIG_004: TN2	Line of trees that are growing along the fence and make up the boundary feature between the field and the road to the school. Mostly young ash trees with bramble scrub.	Does not qualify for selection as LWS under the mature trees criteria.	N/A
<b>w1g6 Line of tree; Ecologically valuable</b> WIG_004: TN22	Line of ash trees that form the southern boundary of the eastern arm of the site. Mostly mature and reaching 25m in height. Ivy covering on some trees and knot holes present.	Does not qualify for selection as LWS under the mature trees criteria.	Moderate

Habitat	Result	LWS Status & Potential	Condition
<b>Rural Trees</b> WIG_004: TN10 & 11	<p>TN10: Two mature oak standards in field 1. The north-east tree has a split limb and small rot holes. The south-west tree is in good health.</p> <p>TN11: Single oak tree to 20m with fire damage on the north side from vandalism.</p>	<p>TN10: Larger tree may qualify as a LWS on size and features.</p>	<p>TN10: Good</p> <p>TN11: Good</p>
<b>h2a5 190 Species-rich native hedgerow with trees (and associated ditch)</b> WIG_004: TN4, TN6	<p>Hedge 2 (TN4): A variable hedge that has ash standards over hawthorn but also has sections of defunct hedge with leggy plum trees with little understorey. There are some gaps exceeding 5m. There is a woven fence on the boundary with the country park. Average height approximately 3m, width variable from 1-4m.</p> <p>Hedge 3 (TN6): <i>Prunus</i> spp. dominated hedgerow with frequent ash standards. Actively managed especially toward the east. Many ash standards have dieback or have already succumbed. Elm achieves local dominance in places.</p>	<p>Hedge 2 and 3 may qualify as pLWS, due to having more than 6 locally native trees or shrubs per 30m. Within hedge 2 there is a multi-stemmed ash tree that may suitable for selection as a LWS (TN8).</p>	<p>H2: Moderate</p> <p>H3: Moderate</p>
<b>h2a6 Other native hedgerows</b> WIG_004: TN13, 25, 27, 31	<p>Hedge 4 (TN13): Variable height hedgerow along the eastern boundary of the site. Mostly made up of hawthorn and elm, but many elms are dying due to Dutch elm disease. Herbaceous plants nearby are indicative of enriched conditions. The hedge is relatively species poor, with only 4 woody species per 30m. Dry ditch on eastern side.</p>	<p>Does not qualify for selection as LWS under the hedgerows criteria.</p>	<p>H4: Moderate</p> <p>H6: Good</p> <p>H7: Moderate</p> <p>H8: Good</p>

Habitat	Result	LWS Status & Potential	Condition
	<p>Hedge 6 (TN25): Hawthorn dominated hedge to 2m high by 2m wide. Cover 95%. Very species poor.</p> <p>Hedge 7 (TN27): Hawthorn hedge with ash and field maple standards. Some areas the hedge has been gardened by residents or replaced by fences. Average height 3-5m width, 2-4m. Cover 98%.</p> <p>Hedge 8 (TN31): Hawthorn hedgerow 2.5m high by 3m wide that divides the fields from east to west. There is a shallow dry ditch for the hedgerow length.</p>		
<p><b>Ditch</b></p> <p>WIG_004: TN12</p>	<p>A field ditch running north-east to south with flowing water. The channel bed is 75cm wide and water depth 3-5cm. Hard rush <i>Juncus inflexus</i> and meadowsweet <i>Filipendula ulmaria</i> locally abundant along edge. Small amounts of hawthorn scrub also present along the bank, forming linear feature toward the southern end (See TN23).</p>	<p>Does not qualify for selection as LWS under the watercourses criteria.</p>	<p>Moderate</p>
<p><b>u1c Artificially unvegetated unsealed surface</b></p> <p>WIG_004: TN18</p>	<p>Gravel driveway into the site from the Newton Lane to the south.</p>	<p>Not applicable.</p>	<p>N/A</p>

Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_004: TN24	All fields are sown with a crop of bread wheat. Cover 95%, height avg. 80cm. Not many weeds, those in the margins near hedgerows are recorded under the hedgerow species list and represent the majority of the species found across all the arable fields.	Does not qualify.	N/A
<b>c1 – Arable &amp; Horticulture</b> WIG_004: TN21	Neglected arable land with tall rank grasses and herbs. Vegetation height to 75cm avg. Cover 100%.	Does not qualify	N/A

**Table 56. Habitats WIG\_007 – Eastern Section**

Habitat	Result	LWS Status & Potential	Condition
<b>Other native hedgerow with trees and associated ditch</b> WIG_007: TN1	Hedge 1 (TN1): Hawthorn hedge with ditch on Southern side height 2m, width 2.5 m no gaps at base canopy cover 90% with a 4m gap at driveway entrance and scattered trees.  Hedge 3a (TN17): Hawthorn dominated hedge with scattered trees. Height avg. 2.5m, width 2m. Herbaceous	Does not qualify.	H1: Good H3: Moderate

Habitat	Result	LWS Status & Potential	Condition
	strip between hedge and crop 0.5m to 1m. No gaps at base. Canopy cover 90%.		
<b>Species-rich native hedgerow with associated ditch and trees</b>  WIG_007: TN9	Hedge 2 (TN9): Hawthorn dominated hedge that is on average 3m tall by 2.5m wide with associated ditch and trees. No gaps at base. Canopy is 95% cover with standard ash trees throughout length.  Hedge 4 (TN21): Hawthorn hedge, with species as similar to hedge 3 but with Ash and oak standards. Height 2.5m, width 2m. Canopy 90% with some gaps in the shrub component to 5m.	Hedge 2 unlikely to qualify for selection. Hedge 4 may qualify on mature trees.	H2: Good H4: Moderate
<b>g 74 Grassland, ploughed</b>  WIG_007: TN2	Grasslands that have been recently ploughed. Seems to have previously been a grassland. Species list taken from edges and remnants.	Unknown	Good (precautionary)
<b>Ditch</b>  WIG_007: TN5	A field ditch running east to west with a gentle flow. The channel bed is 75cm wide and water depth 3-5cm. There was 50cm of bank vegetation either side and water was pooling near the trackway and willows.	Does not qualify.	Moderate

Habitat	Result	LWS Status & Potential	Condition
<p><b>Rural Trees &amp; Mature Trees</b></p> <p>WIG_007: TN3, 4, 6, 7, 8, 10, 14, 18, 23, 24.</p>	<p>TN3: Mature ash to 25m tall around 2m girth chest height with large wound on secondary trunk which has clear cavities. Large split on northern trunk.</p> <p>TN4: Mature ash with dieback that has been damaged.</p> <p>TN6: Two weeping willows <i>Salix x pendulina</i> either side of trackway. Associated with ditch. In good health to 15m tall.</p> <p>TN7: Mature oak to 15m with leading trunk split off (veteran feature). Girth to 3m. Potential LWS.</p> <p>TN8: Ash in H2 with dieback and many canker wounds.</p> <p>TN10: Ash tree to 20m with heart rot and leading limb split. Ash dieback affecting tree heavily.</p> <p>TN14: Mature crack willow, girth approx. 2.5m. Possible LWS tree.</p> <p>TN22: A series of four Ash trees in hedge 4 with dieback. Two of the four are likely to be pLWS with girth of the larger trees.</p> <p>TN18, 23, 24 – Mature turkey oak trees</p>	<p>TN3, 7, 10, 14, 22: May qualify as a LWS on size and features.</p>	<p>TN3: Good</p> <p>TN4: Good</p> <p>TN6: Moderate</p> <p>TN7: Good</p> <p>TN8: (see WIG_005)</p> <p>TN14: Good</p> <p>TN18: Good</p>
<p>c1c7 Other cereal crops</p> <p>WIG_007: TN11</p>	<p>The majority of fields were sown with a bread wheat crop. Cover 99%, height 75cm.</p>	<p>Does not qualify.</p>	<p>N/A</p>

Habitat	Result	LWS Status & Potential	Condition
h3h Mixed scrub WIG_007: TN12, TN19	TN12: Mixed scrub area with tall herbs surrounding a small pond. Scattered trees are crack willows <i>Salix fragilis</i> .  TN19: Hawthorn scrub area with field pond and ash trees.	cLWS Sevenoaks Farm GCN ponds	TN12: Moderate TN19: Poor
Ponds WIG_007: TN13, TN20	Pond 1 (TN13): Field pond that is around 12m by 4m. Shaded entirely by scrub and crack willow trees. No aquatic vegetation. Water appears murky and access is limited.  Pond 2 (TN20): Field pond with scrub and tall herb surrounding it. Limited aquatic vegetation, shade 15%. 12m by 10m.	cLWS Sevenoaks Farm GCN ponds	P1: Moderate P2: Moderate

### Habitat Summary

Overall, the area-based habitats were calculated at 207.33 biodiversity units, hedgerow units were calculated at 89.76 and watercourse units were calculated at 11.03.

In the western section of the site (WIG\_004), there are two hedgerows (TN4, TN6) and two trees (TNs 8 and 10) that may be suitable for selection as LWS on this site, which are detailed in Table 55. In the eastern section of the site (WIG\_007) there is one hedgerow (Hedge 4, TN21) and several trees (TN3, 7, 10, 14) that may be suitable for selection as LWS on this site, which are detailed in Table 56.



## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.21). Protected and notable species identified as a receptor for the site are detailed in Tables 57 and 58.

**Table 57. Species from WIG\_004 – Western Section**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	█	-	-	✓ (TN12)	✓ Roosting & Commuting.	✓	✓ (TN12)	-	-	-


**Table 58. Species from WIG\_007 – Eastern Section**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	█	-	-	✓ (TN5)	✓ Roosting & Commuting.	✓	✓ (TN13, TN20)	✓ (TN5)	-	-

## Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

### WIG\_004 – Western Section

- 
- **Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 3, 5 7-9, 10, 14-17, 19, 20, 22, 28-30, 32, 33. All hedges on the site are suitable for commuting bats.
  - **Birds:** Skylarks and swifts were heard over the arable field (TN24). Habitats on site may be suitable to support nesting birds.
  - **GCN and Amphibians:** There are GCN license requests reported by the desk study that are associated with the eastern boundary of the site, the ditch may be used by GCN or common amphibians. District Level Licence Natural England Risk Zone: majority amber, partially green.
  - **Water vole:** The ditch may be suitable for use by water vole.

### WIG\_007 – Eastern Section

- **Bats:** There are some trees within the site that may be suitable for roosting bats, see TNs: 3, 4 7, 8, 10, 22. All hedges on the site are suitable for commuting bats.
- **Birds:** Many trees had woodpecker holes (TNs 3, 8, 10, 22). Habitats on site may be suitable to support nesting birds. Heron seen using the ditch (TN5).
- **GCN and Amphibians:** There are GCN LWS ponds on site (TNs 13 and 20). The ditch (TN5) may be used by GCN or common amphibians, there were reports of grass-snake using the ditch. District Level Licence Natural England Risk Zone: Amber.
- **Water vole:** The ditch (TN5) may be suitable for use by water vole.

## WIG\_009 – LAND WEST OF WELFORD ROAD

### SITE DESCRIPTION

The site is located to the south of Wigston near Kilby Bridge. The site is centred at Ordnance Survey National Grid Reference SP60759721 (Figure 1a.22). Habitats recorded here were grassland with pronounced ridge and furrow, native hedgerows, a ditch, mature trees, fences and canals.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 59 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.22).

**Table 59. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Grand Union Canal	LWS	On site - 0.00	N
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.05	NE
0Kilby - Foxton Canal	SSSI	0.17	S
Wigston, St Petrox' Ash	LWS	0.23	NNE
Cooks Lane Pasture	LWS	0.28	ENE
Navvy's Pit	LWS	0.41	NW
Foston Gate Meadow	LWS	0.45	NNE
Wigston Harcourt, Cooks Lane hedge	LWS	0.55	ENE
River Sence Floodplain grassland	LWS	0.76	WSW
Canal Pasture	LWS	0.82	ESE
Canal Rough Grassland	LWS	0.86	ESE
Rough Grassland, Landsdowne Grove, South Wigston	LWS	0.91	WNW
Mature Willow, R Sence	LWS	0.94	SSE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	1.01	ENE
Newton Lane Meadows	LWS	1.02	NNE
Wigston Harcourt, Newton Lane meadow hedge	LWS	1.13	NE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	1.17	ENE
Wigston, Bushlow High School Ash	LWS	1.17	NW

Site Name	Designation	Distance from Site (km)	Direction
The Meadows Balancing Reservoir	LWS	1.27	NNE
Newton Lane Ash Trees	LWS	1.29	NE
River Sence floodplain Meadow	LWS	1.37	W
Poplars, River Sence	LWS	1.42	WNW
Streamside Willow	LWS	1.45	SSE
Unnamed	Green Wedge	1.51	NNE
Great Crested Newt pond, off Newton Lane	LWS	1.52	NE
Countesthorpe, streamside willow adj to Sewage Works	LWS	1.53	WSW
Severn Oaks Farm great crested newt ponds	LWS	1.67	NE
Churchyard copper beech	LWS	1.69	SSE
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.70	SE
Turnover Lock Grassland, Wistow	LWS	1.71	SE
Oak N of Grand Union Canal	LWS	1.74	ESE
Wigston Triangle	LWS	1.74	NW
Countesthorpe, Glebe Garden Centre Ash trees	LWS	1.78	SW
Dismantled Railway S of Crow Bridge	LWS	1.80	W
Countesthorpe, Foston Lane Ash	LWS	1.82	SW
Foston Road Grassland	LWS	1.82	SW
Horse Paddock, Crow Mills, South Wigston	LWS	1.84	WNW
Mill Lane Grasslands	LWS	1.87	W
Glen Gorse Golf Course	LWS	1.99	ENE

## Connectivity

There is a shared boundary between the site and the Grand Union Canal LWS to the south-west. It has good connectivity to the surrounding landscape via the canal and hedgerows to the west and east. However, to the north there is limited connectivity due to the railway. Priority Habitats within 1km identified via the MAGIC search included two parcels of lowland mixed deciduous woodland, the largest of which is approximately 0.3km east of the site. None of the priority habitats connect directly to the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.22, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 60. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>h2a Native hedgerow</b> WIG_009: TN3	<p>Hedge 1 (TN3): Hawthorn dominated hedgerow running along the southern side of haul road. Regularly managed by flailing.</p> <p>Hedge 2 (TN4): Species poor hedgerow along boundary with single mature ash tree at centre of hedgerow. Hedgerow managed on semi regular basis along a wire fence line.</p>	Does not qualify for selection as LWS under the hedgerows criteria.	H1: Good H2: Moderate
<b>Watercourses</b> WIG_009: TN2, TN3, TN9	<p>TN2: Culverted stream under railway embankment to the north of site.</p> <p>TN3: The section of canal backing on to site. Historical poaching from cattle can be seen from big ruts but this did not look recent with the vegetation recovering.</p>	<p>TN2: Unlikely to qualify as culverted.</p> <p>TN3: Currently a LWS 'Grand Union Canal'</p>	<p>TN2: Further assessment required.</p> <p>TN9: Further assessment required.</p>

Habitat	Result	LWS Status & Potential	Condition
	River MoRPh required for full condition assessment.		
<b>Rural Trees &amp; Mature Trees</b> WIG_009: TN6, TN7	TN6: Ash tree on site boundary with woodpecker holes north elevation.  TN7: Mature ash tree with two large cavity features on Northern elevation at approx. 4 and 7m. Although on southern side of boundary, does overhang onto site.	TN6, TN7: Potential for selection as LWS	N/A
<b>Modified grassland</b> WIG_009: TN12	TN12: Modified grassland with large ridge and furrow. Furrows dominated by Yorkshire fog and towards the canal creeping buttercup. Drier ridges are rye dominated. Generally, there are 3 to 5 species per m2 from quadrats.	Does not qualify for selection as LWS under the grassland criteria.	Poor

## Habitat Summary

Overall, the area-based habitats were calculated at 5.38 biodiversity units, Hedgerow units were calculated at 3.28 and Watercourse units were calculated at 0.94. There is a partial LWS designation on site at the south-west corner where the Grand Union Canal forms the boundary. There are two trees that may be suitable for selection as LWS trees, these are TN6 and TN7. For the purposes of the assessment, the watercourses on this site have been given precautionary condition of ‘good’ to calculate the best-case number of watercourse biodiversity units (note this is the highest score available for them to achieve). In due course, these watercourses require a detailed river condition assessment as part of any planning application, should the site be allocated and should the development proposal be cited within 10m of the bank top.

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.22). Protected and notable species identified as a receptor for the site are detailed in Table 61.

**Table 61. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	█	-	-	✓	-	-	Green Risk	-	-	-
Field Survey	█ █	-	✓ (TN3)	✓ (TN2, TN3)	✓ Roosting, & Commuting	✓ (TN7)	-	-	-	-

### Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

█

- **Bats:** There are two trees within the site that may be suitable for roosting bats, see TNs: 6 and 7. All hedgerows on site are suitable for commuting bats.
- **Otter:** the canal may be suitable for otter (TN3).
- **Birds:** Tree with cavity suitable for barn owl seen during the survey (TN7), woodpecker holes in tree (TN6). Habitats on site may be suitable to support nesting birds.
- **GCN:** District Level Licence Natural England Risk Zone: Green.  
**Water vole:** The stream running through the site is a known water vole stream and suitable water vole habitats were found by the survey (TN2 and 3).



## WIG\_010 – LAND NORTH OF GLEN GORSE GOLF COURSE

### SITE DESCRIPTION

The site is located in east Wigston, north of Newton Lane, west of Glen Gorse Golf Club and is centred at Ordnance Survey National Grid Reference SP62409843 (Figure 1a.23). The site is predominantly arable farmland with woodland and hedgerows around the periphery of the site.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 62 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.23).

**Table 62. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	Adjacent - 0.00	N
Glen Gorse Golf Course	LWS	Adjacent - 0.00	N
Severn Oaks Farm great crested newt ponds	LWS	0.23	SSW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.31	NNW
Brocks Hill Country Park and LNR, Oadby	LWS	0.31	NNW
Brock's hill mature trees	LWS	0.32	NNW
Great Crested Newt pond, off Newton Lane	LWS	0.55	SW
Spinney Pond, Brock's Hill Country Park	LWS	0.63	NNW
Newton Lane Meadows	LWS	0.63	WSW
Newton Lane Ash Trees	LWS	0.74	SW
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.84	SW
Lucas Marsh	LNR	0.86	NNW
Lucas Marsh	LWS	0.86	NNW
The Meadows Balancing Reservoir	LWS	0.92	WSW
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	1.08	SW
Grassland A6 Roundabout	LWS	1.10	E
Opposite Invicta Park Oadby	LWS	1.14	NNW
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	1.18	SSW

Site Name	Designation	Distance from Site (km)	Direction
Trees West of Newton Harcourt	LWS	1.32	SSE
Hermitage Hotel Beech	LWS	1.35	NNW
Severn Road wet meadow	LWS	1.41	NNE
Fludes Lane & Spinney	LWS	1.45	NNE
Stretton Hall hedgerows	LWS	1.50	ENE
Wigston Harcourt, Cooks Lane hedge	LWS	1.51	SSW
Foston Gate Meadow	LWS	1.58	SW
Cooks Lane Pasture	LWS	1.62	SW
Oadby Grange Country Park	LWS	1.70	NE
Oadby Grange lake	LWS	1.73	NE
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.74	SW
Gorse Pasture Oadby	LWS	1.77	NE
Oadby Municipal Golf Course - Wet Grassland	LWS	1.80	NW
Washbrook Stream	LWS	1.81	NE
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.86	SSE
0Kilby - Foxton Canal	SSSI	1.87	SSE
Wigston, St Petrox' Ash	LWS	1.91	SW
Canal Pasture	LWS	1.96	SSW
Oadby Grange Ash	LWS	2.00	NE

## Connectivity

The site is adjacent to a Green Wedge within the Local Plan (The Borough of Oadby and Wigston Local Plan, 2019). In terms of connectivity, the site is adjacent to Glen Gorse Golf Course LWS and shares its south-eastern boundary with the golf course, therefore it has good connectivity to the wider landscape via hedgerows and the golf course. However, to the north there is limited connectivity due to residential development. Priority Habitats within 1km identified via the MAGIC search included lowland mixed deciduous woodland of which there are multiple parcels. The parcels of lowland mixed deciduous woodland are associated with Coombe Park and Glen Gorse Golf Course. The nearest parcel of woodland is at Glen Gorse where it is directly connected to the site at the eastern boundary.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.23, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 63. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<b>c1c7 Other cereal crops</b> WIG_010: TN2	Wheat <i>Triticum aestivum</i> crop with 95% cover, to a height of 35cm. Largely monoculture. Small area of Black-grass <i>Alopecurus myosuroides</i> near the eastern edge of field.	Does not qualify.	N/A
<b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b> WIG_010: TN3, TN6, TN10	<p>Hedge 1 (TN3): Hedgerow with 95% vegetation cover and a median height of approx. 4m by 5m wide. With frequent Ash trees growing as standards above shrub layer dominated by Hawthorn and Blackthorn. Generally, quite a leggy hedge with hawthorns gappy beneath. Also, some canopy gaps. There is a ditch running the length of the hedge that is dry, approx. 2m wide. There is a thin strip of herbaceous vegetation beneath the hedge to 1m wide.</p> <p>Hedge 2a (TN6): Scrubby hedgerow that forms the boundary between the woodland parcel to the south-east. Is managed to keep it back from the field so have recorded as hedgerow. Feature is approx. 6m high by 5m wide. Two-meter herbaceous strip to the NW. Fairly gappy. With two</p>	<p>Hedge 1 likely qualify as pLWS on having more than 6 locally native trees or shrubs per 30m.</p> <p>Hedge 2 is already part of the Glen Gorse Golf Club LWS.</p> <p>Hedges 3 &amp; 4 do not qualify for selection as LWS under the hedgerows criteria.</p>	<p>H1: Good H2a: Moderate H3: Moderate H4: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	<p>large ash standards that have clear woodpecker holes (TN7). Cover 100%.</p> <p>Hedge 3 (TN10): Hawthorn and blackthorn hedge with Ash standards to 25m. Shrubby layer height to 5 meters, width average approx. 4m. Ditch on the West side. Cover 100%. The hawthorn is leggy so quite gappy beneath. Herbaceous vegetation strip 2m wide on the east side and a ditch and a vegetation strip 1.5 meters wide on the west side. Vegetation as per other hedges.</p> <p>Hedge 4 (TN12): Hawthorn hedge with ash standards height to 5 meters by five meters wide, with ditch on North side. Cover 100% slightly leggy and gappy beneath. Herbaceous vegetation strip on the south side two to three meters wide, on the north side there's a ditch and then a small strip one meter wide.</p>		
<p><b>h2a6 Other native hedgerow</b></p> <p>WIG_010: TN8</p>	<p>Hedge 2b (TN8): Hawthorn dominated hedgerow to 2.5m high by 3m wide. No trees, regularly managed by flailing. 2m herbaceous strip on the north side on the south side the golf course grass goes straight up to the hedge. Fairly gappy below, not stock proof.</p>	<p>Does not qualify for selection as LWS under the hedgerows criteria.</p>	<p>H2b: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<p><b>Rural Trees and Mature Trees</b></p> <p>WIG_010: TNs 1, 4, 5, 7, 9, 11</p>	<p>TN1: Mature ash tree in hedge 1.</p> <p>TN4: Mature ash tree in hedge 1 with knotholes and severe ash dieback. Possible LWS.</p> <p>TN5: Mature ash with dieback, small knotholes and cracked limbs.</p> <p>TN7: Two mature Ash trees in the hedge 2. One with the covering of Ivy, one without. Both trees have woodpecker holes, and the ivy-covered tree has canker. Northern tree girth possibly to 3m+, southern ivy-covered tree slimmer to 2.5m.</p> <p>TN9: Three mature ash trees with woodpecker holes, split limbs and cavities.</p> <p>TN11, 13: Three mature ash trees one with cracked limbs and deep knotholes. Girth of largest to 2.5m.</p> <p>TN14: Large ash tree with chest height girth to approximately 3.5m. Possible LWS.</p> <p>TN15: Veteran oak tree. Girth was measured at 4.3m. Should be selected as LWS.</p> <p>TN18-21: Ash trees.</p>	<p>TNs 4, 14 and 15 are suitable for selection as LWS trees.</p> <p>TN7 is already designated as part of the Glen Gorse Golf Club LWS.</p> <p>The remaining trees are do not qualify for selection as LWS.</p>	<p>See hedgerows.</p>

Habitat	Result	LWS Status & Potential	Condition
<b>Pond</b> WIG_010: TN16	Small woodland pond to 1m deep. Green algae suggesting nutrient enrichment. No macrophytes.	May be suitable for selection depending on GCN population.	Moderate
<b>w1f Lowland mixed deciduous woodland</b> WIG_010: TN17	Woodland 1 (TN17): Secondary ash woodland that seems to have developed between two hedgerows. Canopy height around 25m; canopy cover 70% with bramble and hawthorn scrub making up 30%. Small pond present in the woodland. Ground flora limited. Clear signs of nutrient enrichment throughout the woodland.	Does not qualify as there are no ancient woodland indicator species for Leicestershire (requires at least 4) and is smaller than 1 ha.	Moderate
<b>w1d Wet woodland</b> WIG_010: TN22	Woodland 2: Wet woodland wedge along the northern boundary. Height to 30m. Seemingly damp and eutrophication with abundant nettles and ivy. The dominant canopy species is crack willow. Ancient woodland indicators are present and seasonal inundation is likely here due to the nearby ditch. This woodland also runs into the adjacent OAD_004.	Qualifies for selection as a LWS due to passing primary selection criterion 'dominated by willow and/or alder with the water table seasonally near or above the surface' and being over 0.25ha in extent.	Good

### Habitat Summary

Overall, the area-based habitats were calculated at 31.64 biodiversity units, Hedgerow units were calculated at 24.53. The wet woodland (TN22) qualifies for selection as a LWS. Within woodland 1 there is a pond (TN16) that may be selected as a LWS due to known GCN presence. Hedge 1 may qualify as pLWS on having more than 6 locally native trees or shrubs per 30m. There are three trees suitable for selection as LWS trees, two of these are within hedgerows (TN4 and TN14). The third is a veteran oak tree (TN15) that should be designed as a LWS at the very least.

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.23). Protected and notable species identified as a receptor for the site are detailed in Table 64.

**Table 64. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	-	-	✓ Amber Risk	-	-	-
Field Survey	I	-	-	-	✓ Roosting & Commuting	✓ Red Kite	✓	-	-	-

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

- **Bats:** There are many trees within the hedgerows on site that may be suitable for roosting bats, see TNs: 1, 4, 5, 7, 9, 11, 13, 15 and 18 to 21. All hedgerows provide commuting routes for bats.
- **Birds:** Red kite *Milvus milvus* seen over the arable field (TN2) and woodpecker holes in many trees. Habitats on site may be suitable to support nesting birds.
- **GCN:** There is a known GCN pond (TN16) on site and amphibians were seen in the pond during the survey. District Level Licence Natural England Risk Zone: Amber.

## WIG\_011 – LAND ADJACENT TO NEWTON LANE

### SITE DESCRIPTION

The site is located in east Wigston, north of Newton Lane and is centred at Ordnance Survey National Grid Reference SP6193898421 (Figure 1a.24). The site is predominantly arable farmland with small field ponds surrounded by scrub, hedgerows around the periphery of the site and mature trees.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 65 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.24).

**Table 65. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Unnamed	Green Wedge	On site - 0.00	N
Newton Lane Meadows	LWS	Adjacent - 0.00	N
Great Crested Newt pond, off Newton Lane	LWS	On site - 0.00	N
Newton Lane Ash Trees	LWS	On site - 0.00	N
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.04	W
Severn Oaks Farm great crested newt ponds	LWS	0.21	ESE
The Meadows Balancing Reservoir	LWS	0.27	W
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.49	S
Glen Gorse Golf Course	LWS	0.53	ESE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.57	SSE
Brocks Hill Country Park and LNR, Oadby	LWS	0.58	NNE
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.58	NNE
Brock's hill mature trees	LWS	0.63	NNE
Wigston Harcourt, Cooks Lane hedge	LWS	0.76	SSW
Foston Gate Meadow	LWS	0.77	SW
Spinney Pond, Brock's Hill Country Park	LWS	0.80	NNE
Cooks Lane Pasture	LWS	0.82	SSW
Barn Pool Meadow (Cooks Lane grassland)	LWS	0.94	SW



Site Name	Designation	Distance from Site (km)	Direction
Lucas Marsh	LNR	1.02	NNE
Lucas Marsh	LWS	1.02	NNE
Wigston, St Petrox' Ash	LWS	1.10	SW
0Kilby - Foxton Canal	SSSI	1.23	SSW
Opposite Invicta Park Oadby	LWS	1.26	N
Canal Pasture	LWS	1.38	S
Canal Rough Grassland	LWS	1.44	S
Grand Union Canal	LWS	1.45	SW
Trees West of Newton Harcourt	LWS	1.52	SE
Oadby Municipal Golf Course - Wet Grassland	LWS	1.58	NNW
Navy's Pit	LWS	1.62	WSW
Hermitage Hotel Beech	LWS	1.67	NNE
Wigston, Bushlow High School Ash	LWS	1.84	W
Mature Willow, R Sence	LWS	1.85	SSW
Rough Grassland, Landsdowne Grove, South Wigston	LWS	1.91	W
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.95	SE
Oak N of Grand Union Canal	LWS	1.98	SSE

## Connectivity

The site is currently partially designated as a Green Wedge within The Borough of Oadby and Wigston Local Plan (2019) and there is a shared boundary between the site and the Newton Lane Meadows LWS to the south-west. There is the Great Crested Newt pond off Newton Lane LWS on site. It has good connectivity to the surrounding agricultural landscape and is connected to Glen Gorse Golf Course LWS via the hedgerows to the east. However, to the west there is limited connectivity due to residential housing. Priority Habitats within 1km identified via the MAGIC search included several parcels of lowland mixed deciduous woodland associated with Glen Gorse Golf Course 0.6km to the east, they are not directly connected to the site.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.24, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 66. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>h2a6 191 Other native hedgerow (with trees and associated ditch)</b></p> <p>WIG_011: TN1, TN11, TN15, TN19</p>	<p>Hedge 1 (TN1): Blackthorn hedgerow 2m tall by 2.5m wide. No gaps at base. Canopy cover 100%. Herbaceous strip on north side to 1m, narrow. Hedgerow with dry ditch.</p> <p>Hedge 3 (TN11): Elm and hawthorn hedgerow 2.5m tall by 2.5m wide. No gaps at base, canopy cover 100%. Well managed, good shape. Two ash standards at Western end. Fewer than 5 woody species per 30m.</p> <p>Hedge 4 (TN15): Hawthorn hedgerows with ash standards. Height average is 2.5m, width 2-4m. Not gappy at base. Canopy cover 95%. Fewer than 5 woody species per 30m.</p> <p>Hedge 5 (TN19): Hawthorn hedgerow with standard ash trees on the southwestern boundary. Fewer than 5 woody species per 30m length.</p>	<p>Does not qualify for selection as LWS under the hedgerows criteria.</p>	<p>H1: Good H3: Good H4: Moderate H5: Good</p>

Habitat	Result	LWS Status & Potential	Condition
<b>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch</b> WIG_011: TN4	Hedge 2: a Hedgerow with trees that forms the eastern boundary of the site. Damper toward the road (south) with crack willow trees. Ditch and wire fence present. Mature ash trees frequent as standards. Shrub component is 2.5m tall by 3.5m wide.	Does not qualify for selection as LWS under the hedgerows criteria.	H2: Moderate
<b>Rural Trees and Mature Trees</b> WIG_011: TN2, TN6, TN8, TN12, TN13, TN16, TN18, TN20	TN2: Large ash tree with a dense cloaking of ivy. TN6: Ash tree to 20m. With some split bark/limbs. TN8: Ash to 20m. In relatively good health without too much dieback. Covered with ivy stems. Providing niches. Small dead branches as well as knotholes on limbs, no large cavities. Possible LWS. TN9: Mature ash tree to 20m tall. Covered with ivy stems. Dieback present and affecting 30-35% of canopy. Small knotholes present. TN12: Ash trees to 20m. Eastern tree with hollow centre and large splits creating large cavity. TN16: Ash to 20m with hollowed out limbs. TN18: Ash trees with knot holes next to pond 1.	TN8 and TN20 qualify as a LWS trees.	See hedgerows.

Habitat	Result	LWS Status & Potential	Condition
	TN20: Large mature ash tree to 30m. Covered with Ivy and has many holes and niches. Girth approximately 3m but could be larger. Largest tree on site. Possible LWS tree.		
<b>c1c7 Other cereal crops</b> WIG_011: TN10, TN14, TN21	<p>TN10: Bread wheat crop makes up the majority of cover but there is a reasonable cover of black-grass <i>Alopecurus myosuroides</i> also. Vegetation height 75cm. Cover 100%.</p> <p>TN14: 3: Bread wheat <i>Triticum aestivum</i> crop makes up 88%, black-grass <i>Alopecurus myosuroides</i> present at 12%. Cover 100%, height to 65cm.</p> <p>TN21: Bread wheat <i>Triticum aestivum</i> cover 100%, vegetation height to 75cm.</p>	Does not qualify.	N/A
<b>Ponds</b> WIG_011: TN17, TN22, TN24	<p>Pond 1 (TN17): Small pond surrounded by a stand of ash trees. Height to 15m. Hawthorn present in scrub layer. Cover 80% due to ash dieback. Pond approximately 12m by 8m. Murky water.</p> <p>Pond 2 (TN22): A small field pond that is heavily shaded by hawthorn with murky water.</p>	Pond 1 and 2 do not qualify. Pond 3 is currently designated as the Great Created Newt pond, off Newton Lane LWS.	P1: Moderate P2: Poor P3: Good

Habitat	Result	LWS Status & Potential	Condition
	Pond 3 (TN24): a large pond within mixed scrub area with an abundance of invertebrate life. Many <i>Odonata</i> and <i>Lepidoptera</i> seen. Steep bank covered in tall herb on eastern edge and willow scrub to west. Emergent vegetation to 60% cover, with floating macrophytes. Largely inaccessible, species list made from a safe distance.		
<b>h3h Mixed scrub</b> WIG_011: TN23	TN23: Mixed scrub developed around neglected boundary feature between fields. Pond 3 is within the scrub area. The scrub has a well-developed edge where it grades into tall herb and rank grasses before reaching arable.	Partially designated as part of the Great Created Newt pond, off Newton Lane LWS.	Good

### Habitat Summary

Overall, the area-based habitats were calculated at 22.36 biodiversity units and Hedgerow units were calculated at 23.58 biodiversity units. Pond 3 (TN24) is presently designated as a cLWS and the present study supports this designation. There are two trees suitable for selection as LWS trees (TN8 and TN20).

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.24). Protected and notable species identified as a receptor for the site are detailed in Table 67.

**Table 67. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	■	-	-	-	-	✓	✓ Amber Risk	-	-	-
Field Survey	■	-	-	-	✓ Roosting & Commuting	✓ Skylark (TN10)	✓	-	✓	-

**Species Summary**

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**



- **Birds:** There are many desk study records associated with the north of the site in the ‘Wigston Magna’ area. Skylarks were heard over the fields during the survey, and some trees on site are suitable for nesting birds (TNs 8 and 9).
- **Bats:** There are many trees within the hedgerows on site that may be suitable for roosting bats, see TNs: 2, 6, 8, 9, 12, 18 and 20. All hedgerows provide commuting routes for bats.
- **GCN:** There is a known GCN pond (TN24) on site and suitable terrestrial habitat is present around pond 3 (TN24). District Level Licence Natural England Risk Zone: Amber.

## O\_W\_001 - GLEN GORSE GOLF CLUB

### SITE DESCRIPTION

The site is located in the east Oadby area near Leicester. The site is centred at Ordnance Survey National Grid Reference SK64200015 (Figure 1a.25). The site is known locally as Glen Gorse Golf Club. The entire site is currently designated as a LWS. Habitats recorded here modified grassland, lines of trees, woodland, ponds, ditches, hedgerows, mature trees, scrub and suburban mosaic or buildings and car parks.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 68 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.25).

**Table 68. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Glen Gorse Golf Course	LWS	0.00	N
Severn Oaks Farm great crested newt ponds	LWS	0.27	WNW
Unnamed	Green Wedge	0.39	NNW
Grassland A6 Roundabout	LWS	0.40	SE
Stretton Hall hedgerows	LWS	0.55	ENE
Great Crested Newt pond, off Newton Lane	LWS	0.61	W
Newton Lane Ash Trees	LWS	0.67	WSW
Newton Lane Meadows	LWS	0.72	W
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.79	NNW
Brocks Hill Country Park and LNR, Oadby	LWS	0.79	NNW
Brock's hill mature trees	LWS	0.80	NNW
Trees West of Newton Harcourt	LWS	0.82	SSE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.83	SW
Gorse Pasture Oadby	LWS	0.83	NE
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.86	W
Oadby Grange lake	LWS	0.91	NNE
Fludes Lane & Spinney	LWS	0.93	NNE
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.96	SW

Site Name	Designation	Distance from Site (km)	Direction
Severn Road wet meadow	LWS	0.99	NNW
Oadby Grange Country Park	LWS	1.00	NNE
Washbrook Stream	LWS	1.02	NNE
The Meadows Balancing Reservoir	LWS	1.06	W
Oadby Grange Ash	LWS	1.06	NE
Spinney Pond, Brock's Hill Country Park	LWS	1.11	NNW
Wigston Harcourt, Cooks Lane hedge	LWS	1.32	SW
Lucas Marsh	LNR	1.33	NNW
Lucas Marsh	LWS	1.33	NNW
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.36	SSE
0Kilby - Foxton Canal	SSSI	1.37	SSE
Cooks Lane Pasture	LWS	1.50	WSW
Foston Gate Meadow	LWS	1.53	WSW
Opposite Invicta Park Oadby	LWS	1.62	NW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.63	WSW
Canal Pasture	LWS	1.63	SW
Hermitage Hotel Beech	LWS	1.71	NW
Canal Rough Grassland	LWS	1.71	SW
Oak N of Grand Union Canal	LWS	1.76	SSW
Wigston, St Petrox' Ash	LWS	1.85	WSW
Turnover Lock Grassland, Wistow	LWS	1.95	SSW
Unnamed	Green Wedge	1.95	N

## Connectivity

The entire site is currently designated as a LWS (Figure 2a.25). The site has good connectivity to the wider agricultural landscape in every direction apart from to the north where connectivity is limited due to residential development and the settlement of Oadby leading to Leicester city centre. Priority Habitats within 1km identified via the MAGIC search include the woodlands within the site (directly connected), as well as woodland associated with Coombe Park 0.5km to the north.



## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.25, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 69. Habitats**

Habitat	Result	LWS Status & Potential	Condition
<p><b>w1g6 1175 Line of trees; ecologically valuable</b></p> <p>O_W_001: TN1, TN6, TN21, TN30, TN31</p>	<p>TN1: Double line of mature trees near the western boundary. Height ranges from approx. 18-25m.</p> <p>TN6: Mixed species line of trees mixture of semi-mature, young with a handful of mature trees. Height ranges from 1.5m to 20m. Mixture of approx. native (60%) and Non-native (40%). Target note &amp; condition assessment is for entire line of trees running the length of the site.</p> <p>TN21: Line of ash trees that form thicken the boundary feature. All mature with ivy covering. Almost a linear woodland.</p> <p>TN30: Double width lines of trees comprising mixed species both broadleaved and conifer with a mix of ages. Natives (80%) and ornamentals (20%).</p> <p>TN31: Lines of trees running south-west to north-east along the length of the golf course. These lines of trees have been considered together as they are similar across the length of the site. There is a mixture of ornamental and native species.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN1: Moderate TN6: Moderate TN21: Good TN30: Good TN31: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	Species list is for the two main lines of trees for the entire length of the course. (Also see TN6)		
<p><b>w1g6 1174 Line of trees</b></p> <p>O_W_001: TN2, TN5</p>	<p>TN2: Young trees planted on edge of golf course. To 7m tall.</p> <p>TN5: Line of trees dividing golf holes. Mostly semi-mature. Height to approx. 12-15m.</p> <p>TN7: Semi-mature line of trees and shrubs. Continues through length of site adjacent to eastern boundary.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN2: Moderate</p> <p>TN5: Moderate</p> <p>TN7: Moderate</p>
<p><b>Rural Trees and Mature Trees</b></p> <p>O_W_001: TN3, TN12, TN15, TN18</p>	<p>TN3: Mature black pine with girth approximately 3.5m at chest height.</p> <p>TN12: Mature ash tree covered in ivy. In continued Line of Trees (TN6).</p> <p>TN15: Mature ash with girth to 3m. Potential LWS.</p> <p>TN18: Mature ash with girth to 3.2m. Ivy covered. Multi-stemmed.</p> <p>TN23: Mature hybrid black poplar, girth upward of 3m.</p>	<p>TN3: Already designated as part of Glen Gorse Golf Club LWS.</p> <p>TNs 12, 15, 18, 23: Qualify for selection as LWS trees. Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>See lines of trees and hedgerows.</p>

Habitat	Result	LWS Status & Potential	Condition
<b>g4 Modified grassland</b> O_W_001: TN4	Well-manicured golf grassland that is dominated by perennial ryegrass and is between 3cm on main course and 5cm around the edges. Greens cut even shorter to 1cm with <i>Festuca</i> spp., common bent and annual meadow-grass. Cut with sit on mowers and mulched. Grass cover high to 95% with white clover as forb component. There are areas around the periphery that are allowed to grow longer.	Does not qualify under the mesotrophic grassland criteria for LWS.	Poor
<b>h2a5 Species-rich native hedgerow with trees and associated ditch</b> O_W_001: TN8, TN22	Hedge 1 (TN8): Mixed native hedgerow with standard ash trees. Average height and width of shrub component is 3m tall by 3m wide.  Hedge 2 (TN22): Hawthorn hedge forming the NW boundary. Hedge with trees and sporadic thickening sections where standard tree groups protrude into golf course. Ditch on golf course side. Average height 3.5m, width 1.5-4m.	TN8: Qualifies for selection as LWS on having more than 6 locally native trees or shrubs per 30m. Already designated as part of Glen Gorse Golf Club LWS.  TN22: Already designated as part of Glen Gorse Golf Club LWS.	H1: Good H2: Moderate
<b>Ponds</b> O_W_001: TN10, TN19, TN27, TN28	Pond 1 (TN10): Small artificial pond with abundant broad-leaved pondweed <i>Potamogeton natans</i> , branched bur-reed <i>Sparganium erectum</i> and occasional water-crowfoot <i>Ranunculus</i> sp., sharp-flowered rush <i>Juncus acutiflorus</i> , creeping bent <i>Agrostis stolonifera</i> and <i>Ranunculus repens</i> . Bulrush <i>Typha latifolia</i> and great willowherb <i>Epilobium hirsutum</i> were also present.	Pond 1: Qualifies for selection as LWS due to the presence of <i>Potamogeton</i> . Already designated as part of Glen Gorse Golf Club LWS.  Pond 2: Qualifies for selection as LWS due to the presence of <i>Potamogeton</i> . Already designated as part of Glen Gorse Golf Club LWS.	P1: Poor P2: Poor P3: Moderate P4: Moderate P5: Poor P6: Poor

Habitat	Result	LWS Status & Potential	Condition
	<p>Pond 2 (TN19): Ornamental pond with fool's water-cress <i>Apium nodiflorum</i>, broad-leaved pondweed, hard rush <i>Juncus inflexus</i>, water-plantain <i>Alisma plantago-aquatica</i>, grey club-rush <i>Schoenoplectus tabernaemontani</i>, algae, duckweed <i>Lemna</i> sp., articulated rush <i>Juncus articulatus</i> and water-lily <i>Nymphaea</i> sp. Water is coloured blue. <i>J. articulatus</i> frequent at edges.</p> <p>Ponds 3 &amp; 4 (TN27): A series of ornamental ponds associated with the NW boundary and woodlands. Dug out approx. 8 years ago. Minimal shading, reasonable water quality.</p> <p>Ponds 5 &amp; 6 (TN28): A series of two ponds similar to previous. NE pond is dominated by <i>Typha latifolia</i> and <i>Glyceria maxima</i>. Second pond is dominated by <i>Potamogeton natans</i>.</p> <p>Invasive species: <i>Crocsmia x crocosmiiflora</i> is present at the pond 2 margin (TN20).</p>	<p>Ponds 3-6: Qualify for selection as LWS due to the presence of <i>Potamogeton</i>. Already designated as part of Glen Gorse Golf Club LWS.</p>	
<p><b>Ditch</b></p> <p>O_W_001: TN13, TN17</p>	<p>TN13: small ditch/swamp (6m x 2.5m) with standing water. Surrounded by hedgerow vegetation with 35% duckweed and 60% algae cover.</p> <p>TN17: Wet ditch partially culverted underneath the golf course. Water is clear and with no perceivable flow. Approximately 20cm deep and 1.2m wide.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN13: N/A</p> <p>TN17: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<b>h3e Gorse scrub</b>	TN11: Small stand of planted gorse <i>Ulex europaeus</i> . 5m by 4m.	Already designated as part of Glen Gorse Golf Club LWS.	N/A
<b>u1c Artificially unvegetated, unsealed surface</b> <b>O_W_001: TN14</b>	TN14: Sand traps present throughout the golf course.	Already designated as part of Glen Gorse Golf Club LWS.	N/A
<b>w1h5 Other woodland; mixed; mainly broadleaved</b> <b>O_W_001: TN29</b>	TN29: Throughout the site there are parcels of mixed woodland of varying character. TN29 is the combined species list for all these woodland parcels with condition plots recorded separately. Many of the woodlands have log piles near edges.	Already designated as part of Glen Gorse Golf Club LWS.	Moderate
<b>u1d Suburban/ mosaic of developed / natural surface.</b> <b>O_W_001: TN32</b>	Golf club and car parks with ornamental shrub borders.	Already designated as part of Glen Gorse Golf Club LWS.	N/A

## Habitat Summary

Overall, the area-based habitats were calculated at 136.21 biodiversity units, Hedgerow units were calculated at 105.48 biodiversity units and Watercourse units were calculated at 1.75. The entirety of the site is currently designated as the Glen Gorse Golf Club LWS and the findings of the present survey support this designation, due to several ponds, trees and a hedgerow that meet LWS criteria.

## PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.25). Protected and notable species identified as a receptor for the site are detailed in Table 70. See target notes 33 to 100 for additional details on protected species receptors.

**Table 70. Species**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	✓	✓	✓ Amber Risk	-	-	-
Field Survey	■	-	-	-	✓ Roosting, Foraging & Commuting	✓ (TN15)	✓ (See ponds)	✓	-	✓ (TN16, TN20, TN25, TN26)

## Species Summary

Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.

- [REDACTED]

- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs 37-100. There are also hedgerows that provide commuting routes as well as grasslands for foraging.
- **Birds:** There were multiple bird boxes (TNs 34, 35) woodpecker holes, nests (TNs 36, 42) and owl boxes (TNs 74, 75) seen during field survey. Habitats on site may be suitable to support nesting birds.
- **Reptiles:** There are numerous potential hibernacula on site that may be suitable for reptiles or common amphibians (TNs 38, 44, 69).
- **GCN:** there are numerous records of GCN and common amphibians from the desk study, the ponds on are known GCN ponds (TNs 10, 19, 27, 28, 33). District Level Licence Natural England Risk Zone: Amber.
- **Invasive Species:** There are several invasive Schedule 9 plant species present on the site such as false-acacia *Robinia pseudoacacia* (TN16), montbretia *Crocsmia x crocosmiiflora* (TN20, TN26) and wall cotoneaster *Cotoneaster horizontalis* (TN25).

## O\_W\_002 - GLEN GORSE GOLF CLUB AND HIGHFIELD FARM

### SITE DESCRIPTION

The site is located in the east Oadby area near Leicester. The site is centred at Ordnance Survey National Grid Reference SP63059840 (Figure 1a.2). The site is a combination of O\_W\_001 (Glen Gorse Golf Club) and WIG\_005 (Highfield Farm) and as such was surveyed as those two sites independently. The golf club section of the site is currently designated as a LWS. Habitats recorded at the site modified grassland, lines of trees, woodland, ponds, ditches, hedgerows, mature trees, scrub, suburban mosaic or buildings and carparks, cereal crops, artificially unvegetated unsealed surfaces, temporary grass and clover leys and fences.

### PROTECTED SITES & CONNECTIVITY

Nationally designated sites identified within 2km of the proposed development are presented in Table 71 with the designation, qualifying features and proximity from the development site also indicated. Details of local non-designated sites within 2km and obtained from the Leicestershire and Rutland Environmental Records Centre via Oadby and Wigston Borough Council are also included (Figure 2a.2).

**Table 71. Statutory and non-statutory designated sites identified during the desk study.**

Site Name	Designation	Distance from Site (km)	Direction
Glen Gorse Golf Course	LWS	On site - 0.00	N
Severn Oaks Farm great crested newt ponds	LWS	0.19	NNW
Newton Lane Ash Trees	LWS	0.27	WNW
Unnamed	Green Wedge	0.39	NNW
Great Crested Newt pond, off Newton Lane	LWS	0.40	NW
Grassland A6 Roundabout	LWS	0.40	SE
Wigston Harcourt: Cooks/Newton Lane Ash 2	LWS	0.42	SW
Newton Lane Meadows	LWS	0.46	WNW
Wigston Harcourt, Newton Lane meadow hedge	LWS	0.49	W
Wigston Harcourt: Cooks/Newton Lane Ash 1	LWS	0.50	SW
Stretton Hall hedgerows	LWS	0.55	ENE
Trees West of Newton Harcourt	LWS	0.58	SE
The Meadows Balancing Reservoir	LWS	0.76	WNW
The Borough of Oadby and Wigston (Brocks Hill Country Park)	LNR	0.79	NNW
Brocks Hill Country Park and LNR, Oadby	LWS	0.79	NNW



Site Name	Designation	Distance from Site (km)	Direction
Brock's hill mature trees	LWS	0.80	NNW
Gorse Pasture Oadby	LWS	0.83	NE
Wigston Harcourt, Cooks Lane hedge	LWS	0.85	SW
Oadby Grange lake	LWS	0.91	NNE
Fludes Lane & Spinney	LWS	0.93	NNE
Severn Road wet meadow	LWS	0.99	NNW
Oadby Grange Country Park	LWS	1.00	NNE
Cooks Lane Pasture	LWS	1.01	WSW
Washbrook Stream	LWS	1.02	NNE
Foston Gate Meadow	LWS	1.05	WSW
Oadby Grange Ash	LWS	1.06	NE
Grand Union Canal, Newton Harcourt/Kilby	LWS	1.09	SSE
0Kilby - Foxton Canal	SSSI	1.09	SSE
Spinney Pond, Brock's Hill Country Park	LWS	1.11	NNW
Barn Pool Meadow (Cooks Lane grassland)	LWS	1.14	WSW
Canal Pasture	LWS	1.18	SW
Canal Rough Grassland	LWS	1.27	SW
Lucas Marsh	LNR	1.33	NNW
Lucas Marsh	LWS	1.33	NNW
Oak N of Grand Union Canal	LWS	1.35	S
Wigston, St Petrox' Ash	LWS	1.37	WSW
Turnover Lock Grassland, Wistow	LWS	1.53	SSW
Opposite Invicta Park Oadby	LWS	1.62	NW
Grand Union Canal	LWS	1.62	SW
Mature Willow, R Sence	LWS	1.70	SW
Hermitage Hotel Beech	LWS	1.71	NW
Unnamed	Green Wedge	1.95	N
Navy's Pit	LWS	1.99	WSW

## Connectivity

The entirety of the golf course is currently designated as a LWS (Figure 2a.2). The site has good connectivity to the wider agricultural landscape in every direction apart from to the north where connectivity is limited due to residential development and the settlement of Oadby leading to Leicester

city centre. Priority Habitats within 1km identified via the MAGIC search include the woodlands within the site (directly connected), as well as woodland associated with Coombe Park 0.5km to the north.

## HABITATS

The following habitats have been identified through our assessment, the UK Habitat Classification map can be found in Figure 4.2, with detailed Target Notes and Photographic Plates included in Appendix C as appropriate and Biodiversity Net Gain Condition Assessments in Appendix D.

**Table 72. Habitats – O\_W\_001 – Glen Gorse Golf Club**

Habitat	Result	LWS Status & Potential	Condition
<p><b>w1g6 1175 Line of trees; ecologically valuable</b></p> <p>O_W_001: TN1, TN6, TN21, TN30, TN31</p>	<p>TN1: Double line of mature trees near the western boundary. Height ranges from approx. 18-25m.</p> <p>TN6: Mixed species line of trees mixture of semi-mature, young with a handful of mature trees. Height ranges from 1.5m to 20m. Mixture of approx. native (60%) and Non-native (40%). Target note &amp; condition assessment is for entire line of trees running the length of the site.</p> <p>TN21: Line of ash trees that form thicken the boundary feature. All mature with ivy covering. Almost a linear woodland.</p> <p>TN30: Double width lines of trees comprising mixed species both broadleaved and conifer with a mix of ages. Natives (80%) and ornamentals (20%).</p> <p>TN31: Lines of trees running south-west to north-east along the length of the golf course. These lines of trees have been considered together as they are similar across the length of the site. There is a mixture of ornamental and native species.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN1: Moderate TN6: Moderate TN21: Good TN30: Good TN31: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
	Species list is for the two main lines of trees for the entire length of the course. (Also see TN6)		
<p><b>w1g6 1174 Line of trees</b></p> <p>O_W_001: TN2, TN5</p>	<p>TN2: Young trees planted on edge of golf course. To 7m tall.</p> <p>TN5: Line of trees dividing golf holes. Mostly semi-mature. Height to approx. 12-15m.</p> <p>TN7: Semi-mature line of trees and shrubs. Continues through length of site adjacent to eastern boundary.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN2: Moderate</p> <p>TN5: Moderate</p> <p>TN7: Moderate</p>
<p><b>Rural Trees and Mature Trees</b></p> <p>O_W_001: TN3, TN12, TN15, TN18</p>	<p>TN3: Mature pine with girth approximately 3.5m at chest height.</p> <p>TN12: Mature ash tree covered in ivy. In continued Line of Trees (TN6).</p> <p>TN15: Mature ash with girth to 3m. Potential LWS.</p> <p>TN18: Mature ash with girth to 3.2m. Ivy covered. Multi-stemmed.</p> <p>TN23: Mature hybrid black poplar, girth upward of 3m.</p>	<p>TN3: Already designated as part of Glen Gorse Golf Club LWS.</p> <p>TNs 12, 15, 18, 23: Qualify for selection as LWS trees. Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>See lines of trees and hedgerows.</p>

Habitat	Result	LWS Status & Potential	Condition
<b>g4 Modified grassland</b> O_W_001: TN4	Well-manicured golf grassland that is dominated by perennial ryegrass and is between 3cm on main course and 5cm around the edges. Greens cut even shorter to 1cm with <i>Festuca</i> spp., common bent and annual meadow-grass. Cut with sit on mowers and mulched. Grass cover high to 95% with white clover as forb component. There are areas around the periphery that are allowed to grow longer.	Already designated as part of Glen Gorse Golf Club LWS.	Poor
<b>h2a5 Species-rich native hedgerow with trees and associated ditch</b> O_W_001: TN8, TN22	Hedge 1 (TN8): Mixed native hedgerow with standard ash trees. Average height and width of shrub component is 3m tall by 3m wide.  Hedge 2 (TN22): Hawthorn hedge forming the NW boundary. Hedge with trees and sporadic thickening sections where standard tree groups protrude into golf course. Ditch on golf course side. Average height 3.5m, width 1.5-4m.	TN8: Qualifies for selection as LWS on having more than 6 locally native trees or shrubs per 30m. Already designated as part of Glen Gorse Golf Club LWS.  TN22: Already designated as part of Glen Gorse Golf Club LWS.	H1: Good H2: Moderate
<b>Ponds</b> O_W_001: TN10, TN19, TN27, TN28	Pond 1 (TN10): Small artificial pond with abundant broad-leaved pondweed <i>Potamogeton natans</i> , branched bur-reed <i>Sparganium erectum</i> and occasional water-crowfoot <i>Ranunculus</i> sp., sharp-flowered rush <i>Juncus acutiflorus</i> , creeping bent <i>Agrostis stolonifera</i> and <i>Ranunculus repens</i> . Bulrush <i>Typha latifolia</i> and great willowherb <i>Epilobium hirsutum</i> were also present.	Pond 1: Qualifies for selection as LWS due to the presence of <i>Potamogeton</i> . Already designated as part of Glen Gorse Golf Club LWS.  Pond 2: Qualifies for selection as LWS due to the presence of <i>Potamogeton</i> . Already designated as part of Glen Gorse Golf Club LWS.	P1: Poor P2: Poor P3: Moderate P4: Moderate P5: Poor P6: Poor

Habitat	Result	LWS Status & Potential	Condition
	<p>Pond 2 (TN19): Ornamental pond with fool's water-cress <i>Apium nodiflorum</i>, broad-leaved pondweed, hard rush <i>Juncus inflexus</i>, water-plantain <i>Alisma plantago-aquatica</i>, grey club-rush <i>Schoenoplectus tabernaemontani</i>, algae, duckweed <i>Lemna</i> sp., articulated rush <i>Juncus articulatus</i> and water-lily <i>Nymphaea</i> sp. Water is coloured blue. <i>J. articulatus</i> frequent at edges.</p> <p>Ponds 3 &amp; 4 (TN27): A series of ornamental ponds associated with the NW boundary and woodlands. Dug out approx. 8 years ago. Minimal shading, reasonable water quality.</p> <p>Ponds 5 &amp; 6 (TN28): A series of two ponds similar to previous. NE pond is dominated by <i>Typha latifolia</i> and <i>Glyceria maxima</i>. Second pond is dominated by <i>Potamogeton natans</i>.</p> <p>Invasive species: <i>Crocsmia x crocosmiiflora</i> is present at the pond 2 margin (TN20).</p>	<p>Ponds 3-6: Qualify for selection as LWS due to the presence of <i>Potamogeton</i>. Already designated as part of Glen Gorse Golf Club LWS.</p>	
<p><b>Ditch</b></p> <p>O_W_001: TN13, TN17</p>	<p>TN13: small ditch/swamp (6m x 2.5m) with standing water. Surrounded by hedgerow vegetation with 35% duckweed and 60% algae cover.</p> <p>TN17: Wet ditch partially culverted underneath the golf course. Water is clear and with no perceivable flow. Approximately 20cm deep and 1.2m wide.</p>	<p>Already designated as part of Glen Gorse Golf Club LWS.</p>	<p>TN13: N/A</p> <p>TN17: Moderate</p>

Habitat	Result	LWS Status & Potential	Condition
<b>h3e Gorse scrub</b>	TN11: Small stand of planted gorse <i>Ulex europaeus</i> . 5m by 4m.	Already designated as part of Glen Gorse Golf Club LWS.	N/A
<b>u1c Artificially unvegetated, unsealed surface</b> <b>O_W_001: TN14</b>	TN14: Sand traps present throughout the golf course.	Already designated as part of Glen Gorse Golf Club LWS.	N/A
<b>w1h5 Other woodland; mixed; mainly broadleaved</b> <b>O_W_001: TN29</b>	TN29: Throughout the site there are parcels of mixed woodland of varying character. TN29 is the combined species list for all these woodland parcels with condition plots recorded separately. Many of the woodlands have log piles near edges.	Already designated as part of Glen Gorse Golf Club LWS.	Moderate
<b>u1d Suburban/ mosaic of developed / natural surface.</b> <b>O_W_001: TN32</b>	Golf club and car parks with ornamental shrub borders.	Already designated as part of Glen Gorse Golf Club LWS.	N/A

**Table 73. Habitats – WIG\_005 - Highfield Farm**

Habitat	Result	LWS Status & Potential	Condition
<b>g4 Modified grassland</b> WIG_005: TN1	Field 1: A permanent pasture that is sheep grazed and dominated by perennial rye-grass. Cover is 90% with poaching in gateways. Vegetation height is consistently short to 7cm.	Does not qualify for selection as LWS under the grasslands criteria.	Poor
<b>h2a5 190 Species-rich native hedgerow (with trees)</b> WIG_005: TN4, TN11, TN15	<p>Hedge 1 (TN4): Hawthorn hedgerow mostly 1.5m high by 2m wide. Fenced to keep stock in. Occasional ash trees. Gap between ground and shrub canopy 70cm for 90% of hedge.</p> <p>Hedge 2 (TN11): Hedgerow under regular management. Height 1.5m, 2m wide. There is a fence associated with it and it is not as sparse as hedge 1. There are standard ash trees, some of which have dieback. The hedge becomes taller on boundary with golf course to 4m.</p> <p>Hedge 3 (TN15): Hawthorn hedgerow with trees and associated ditch. Average height is 3.5m and width 3.5m. Not stock proof but there is a fence on pasture side and a ditch on the south side. See TN20 for details of the ditch.</p>	Due to lower woody species count these hedges are unlikely to meet LWS selection criteria. Within hedge 3 there is a mature oak tree (TN18) and mature ash tree (TN22) that are suitable for selection as a LWS due to size.	H1: Moderate H2: Good H3: Good
<b>c1c7 Other cereal crops</b> WIG_005: TN7, TN9	<p>Field 2 (TN7): Arable crop of spring barley.</p> <p>Field 3 (TN9): Recently sown arable field with maize seedlings</p>	Does not qualify.	N/A



<p><b>c1b - Temporary grass and clover leys</b></p> <p>WIG_005: TN23</p>	<p>Field 4: A temporary grassland that is in rotation with arable crops and is currently sheep grazed. Sward height from 5-20cm.</p>	<p>Does not qualify.</p>	<p>N/A</p>
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### Habitat Summary

Overall, the area-based habitats were calculated at 181.67 biodiversity units, Hedgerow units were calculated at 131.72 biodiversity units and Watercourse units were calculated at 1.75.

The entirety of the golf club is currently designated as the Glen Gorse Golf Club LWS and the findings of the present survey support this designation, due to several ponds, trees and a hedgerow that meet LWS criteria. On Highfield Farm, there are two trees (TNs 18 and 22) that may be suitable for selection as LWS on this site, which are detailed in Table 73.

### PROTECTED AND NOTABLE SPECIES

Data provided by the Leicestershire and Rutland Environmental Record Centre via Oadby and Wigston Borough Council confirmed the presence of a number of protected and notable species within 2km of the site (Figure 3a.2). Protected and notable species identified as a receptor for the site are detailed in Tables 74 and 75. See O\_W\_001 target notes 33 to 100 for additional details on protected species receptors..

**Table 74. Species – O\_W\_001 – Glen Gorse Golf Club**

	Badger	Hazel Dormouse	Otter	Water vole	Bats	Birds	GCN and Amphibians	Reptiles	Invertebrates	Invasive Species
Desk Study	I	-	-	-	✓	✓	✓ Amber Risk	-	-	-

<b>Field Survey</b>	█	-	-	-	✓ Roosting, Foraging & Commuting	✓ (TN15)	✓ (See ponds)	✓	-	✓ (TN16, TN20, TN25, TN26)
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**Table 75. Species – WIG\_005 – Highfield Farm**

	<b>Badger</b>	<b>Hazel Dormouse</b>	<b>Otter</b>	<b>Water vole</b>	<b>Bats</b>	<b>Birds</b>	<b>GCN and Amphibians</b>	<b>Reptiles</b>	<b>Invertebrates</b>	<b>Invasive Species</b>
<b>Desk Study</b>	█	-	-	-	-	-	✓ Amber Risk	-	-	-
<b>Field Survey</b>	█	-	-	-	✓ Roosting & Commuting.	✓	-	-	-	-

### Species Summary

**Based on the desk study, habitats present on site and field signs, the following protected or notable are potentially present on site.**

#### O\_W\_001 – Glen Gorse Golf Club



- **Bats:** There are many trees within the site that may be suitable for roosting bats, see TNs 37-100. There are also hedgerows that provide commuting routes as well as grasslands for foraging.
- **Birds:** There were multiple bird boxes (TNs 34, 35) woodpecker holes, nests (TNs 36, 42) and owl boxes (TNs 74, 75) seen during field survey. Habitats on site may be suitable to support nesting birds.

- **GCN:** there are numerous records of GCN and common amphibians from the desk study, the ponds on are known GCN ponds (TNs 10, 19, 27, 28, 33). District Level Licence Natural England Risk Zone: Amber.
- **Reptiles:** There are numerous potential hibernacula on site that may be suitable for reptiles or common amphibians (TNs 38, 44, 69).
- **Invasive Species:** There are several invasive Schedule 9 plant species present on the site such as false-acacia *Robinia pseudoacacia* (TN16), montbretia *Crocsmia x crocosmiiflora* (TN20, TN26) and wall cotoneaster *Cotoneaster horizontalis* (TN25).

#### **WIG\_005 – Highfield Farm**

- **Bats:** there are many trees within the site that may be suitable for roosting bats, see TNs: 2, 5, 8, 10, 12-18, 21, 22, 24 and 25. All hedges on the site are suitable for commuting bats.
- **Birds:** Skylarks were heard over the fields (TN23) and there is a dead ash tree that may be suitable for nesting birds (TN8). Habitats on site may be suitable to support nesting birds.
- **GCN and Amphibians:** There are GCN records provided by the desk study that are associated with the north-western boundary of the site. District Level Licence Natural England Risk Zone: Majority amber, partially green.

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## FIGURES

**Figure 1 – Site Location Overview**

**Figure 2 – Designated Sites Plan**

**Figure 3 – Protected Species Plans**

**Figure 4 – UK Habitat Classification Plan**

## APPENDICES

APPENDIX A: REPORT CONDITIONS

APPENDIX B: KEY LEGISLATION

APPENDIX C: TARGET NOTES BY SITE

APPENDIX D: CONDITION ASSESSMENTS BY SITE

## APPENDIX A: REPORT CONDITIONS

This Report has been prepared using reasonable skill and care for the sole benefit of Oadby Wigston Borough Council (“the Client”) for the proposed uses stated in the report by Tetra Tech Limited (“Tetra Tech”). Tetra Tech exclude all liability for any other uses and to any other party. The report must not be relied on or reproduced in whole or in part by any other party without the copyright holder’s permission.

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The report refers, within the limitations stated, to the environment of the site in the context of the surrounding area at the time of the inspections'. Environmental conditions can vary and no warranty is given as to the possibility of changes in the environment of the site and surrounding area at differing times. No investigative method can eliminate the possibility of obtaining partially imprecise, incomplete or not fully representative information. Any monitoring or survey work undertaken as part of the commission will have been subject to limitations, including for example timescale, seasonal and weather-related conditions. Actual environmental conditions are typically more complex and variable than the investigative, predictive and modelling approaches indicate in practice, and the output of such approaches cannot be relied upon as a comprehensive or accurate indicator of future conditions. The “shelf life” of the Report will be determined by a number of factors including; its original purpose, the Client’s instructions, passage of time, advances in technology and techniques, changes in legislation etc. and therefore may require future re-assessment.

The whole of the report must be read as other sections of the report may contain information which puts into context the findings in any executive summary.

Tetra Tech reserves the right to share this Report and any related materials, surveys, drawings and/or documents at any time with the relevant Local Ecological Records Centre (LREC), any relevant statutory body or any equivalent organisation as Tetra Tech may reasonably require from time-to-time.

The performance of environmental protection measures and of buildings and other structures in relation to acoustics, vibration, noise mitigation and other environmental issues is influenced to a large extent by the degree to which the relevant environmental considerations are incorporated into the final design and specifications and the quality of workmanship and compliance with the specifications on site during construction. Tetra Tech accept no liability for issues with performance arising from such factors.

## APPENDIX B: KEY LEGISLATION

### Habitats Directive

The Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora, or the 'Habitats Directive', is a European Union directive adopted in 1992 in response to the Bern Convention. Its aims are to protect approximately 220 habitats and 1,000 species listed in its several Annexes.

In the UK, the Habitats Directive is transposed into national law via the Conservation of Habitats and Species Regulations 2017 (as amended) in England and Wales, and via the Conservation (Natural Habitats, etc.) Regulations (Northern Ireland) 1995 (as amended) in Northern Ireland.

### Birds Directive

The EC Directive on the Conservation of Wild Birds (791409/EEC) or 'Birds Directive' was introduced to achieve favourable conservation status of all wild bird species across their distribution range. In this context, the most important provision is the identification and classification of Special Protection Areas (SPAs) for rare or vulnerable species listed in Annex 1 of the Directive, as well as for all regularly occurring migratory species, paying particular attention to the protection of wetlands of international importance.

### Conservation of Habitats and Species Regulations 2017 (as amended)

Regulations place a duty on the Secretary of State to propose a list of sites which are important for either habitats or species (listed in Annexes I or II of the Habitats Directive respectively) to the European Commission. These sites, if ratified by Ministers, are then designated as Special Protection Areas (SPAs) within six years. Public bodies must also help preserve, maintain and re-establish habitats for wild birds.

The 2018 amendments mainly related to the impact of the *People Over Wind* decision and some implications arising for neighbourhood plan development and a range of other planning tools including Local Development Orders and Permission in Principle – see here for full details:

<https://www.legislation.gov.uk/uksi/2018/1307/note/made>

The 2019 amendments related to the EU exit. Most of these changes involved transferring functions from the European Commission to the appropriate authorities in England and Wales. All other processes or terms in the 2017 Regulations remain unchanged and existing guidance is still relevant. The obligations of a competent authority in the 2017 Regulations for the protection of sites or species do not change.– see here for full details:

<https://www.legislation.gov.uk/ukdsi/2019/9780111176573>

The Regulations make it an offence to deliberately capture, kill, disturb or trade in the animals listed in Schedule 2, or pick, uproot, destroy, or trade in the plants listed in Schedule 5.

### Wildlife & Countryside Act 1981 (as amended)

This is the principal mechanism for the legislative protection of wildlife in the UK. This legislation is the chief means by which the 'Bern Convention' and the Birds Directive are implemented in the UK. Since it was first introduced, the Act has been amended several times.

The Act makes it an offence to (with exception to species listed in Schedule 2) intentionally:

- kill, injure, or take any wild bird;
- take, damage or destroy the nest of any wild bird while that nest is in use; or
- take or destroy an egg of any wild bird.

Or to intentionally do the following to a wild bird listed in Schedule 1:

- disturbs any wild bird while it is building a nest or is in, on or near a nest containing eggs or young; or
- disturbs dependent young of such a bird.

In addition, the Act makes it an offence (subject to exceptions) to:

- intentionally or recklessly kill, injure or take any wild animal listed on Schedule 5;
- interfere with places used for shelter or protection, or intentionally disturbing animals occupying such places; and
- The Act also prohibits certain methods of killing, injuring, or taking wild animals.

Finally, the Act also makes it an offence (subject to exceptions) to: intentionally pick, uproot or destroy any wild plant listed in Schedule 8, or any seed or spore attached to any such wild plant; unless an authorised person, intentionally uproot any wild plant



not included in Schedule 8; or sell, offer or expose for sale, or possess (for the purposes of trade), any live or dead wild plant included in Schedule 8, or any part of, or anything derived from, such a plant.

Following all amendments to the Act, Schedule 5 'Animals which are Protected' contains a total of 154 species of animal, including several mammals, reptiles, amphibians, fish and invertebrates. Schedule 8 'Plants which are Protected' of the Act, contains 185 species, including higher plants, bryophytes and fungi and lichens. A comprehensive and up-to-date list of these species can be obtained from the JNCC website.

Part 14 of the Act makes unlawful to plant or otherwise cause to grow in the wild any plant which is listed in Part II of Schedule 9.

It is recommended that plant material of these species is disposed of as bio-hazardous waste, and these plants should not be used in planting schemes.

#### Protection of Badgers Act 1992

The Act imposes a classification of soil and other waste containing viable propagules of invasive non-native plant species as controlled waste. This has been applied to Japanese Knotweed *Reynoutria japonica*, with the result that waste containing this species must be disposed of in accordance with the duty of care set out in section 34 of the Act.

#### Protection of Badgers Act 1992

The main legislation protecting badgers in England and Wales is the Protection of Badgers Act 1992 (the 1992 Act). Under the 1992 Act it is an offence to: wilfully kill, injure, take or attempt to kill, injure or take a badger; dig for a badger; interfere with a badger sett by, damaging a sett or any part thereof, destroying a sett, obstructing access to a sett, causing a dog to enter a sett or disturbing a badger while occupying a sett.

The 1992 Act defines a badger sett as: "any structure or place which displays signs indicating current use by a badger".

#### Natural Environment and Rural Communities Act 2006

Section 41 (S41) of this Act requires the Secretary of State to publish a list (in consultation with Natural England) of Habitats and Species which are of Principal Importance for the conservation of biodiversity in England. The S41 list is used to guide decision-makers such as public bodies including local and regional authorities, in implementing their duty under Section 40 of the Natural Environment and Rural Communities (NERC) Act 2006, to have regard to the conservation of biodiversity in England, when carrying out their normal (e.g. planning) functions. The S41 list includes 65 Habitats of Principal Importance and 1,150 Species of Principal Importance.

#### Hedgerow Regulations 1997

The Hedgerow Regulations were made under Section 97 of the Environment Act 1995 and came into force in 1997. They introduced new arrangements for local planning authorities in England and Wales to protect important hedgerows in the countryside, by controlling their removal through a system of notification. Important hedgerows are defined by complex assessment criteria, which draw on biodiversity features, historical context and the landscape value of the hedgerow.

#### Birds of Conservation Concern

This is a review of the status of all birds occurring regularly in the United Kingdom. It is regularly updated and is prepared by leading bird conservation organisations, including the British Trust for Ornithology (BTO), Joint Nature Conservation Committee (JNCC) and The Royal Society for the Protection of Birds (RSPB).

The latest report was produced in 2015 (Eaton *et al*, 2015) and identified 67 red list species, 96 amber species, and 81 green species. The criteria are complex, but generally:

**Red list** species are those that have shown a decline of the breeding population, non-breeding population or breeding range of more than 50% in the last 25 years.

**Amber list** species are those that have shown a decline of the breeding population, non-breeding population or breeding range of between 25% and 50% in the last 25 years. Species that have a UK breeding population of less than 300 or a non-breeding population of less than 900 individuals are also included, together with those whose 50% of the population is localised in 10 sites or fewer and those whose 20% of the European population is found in the UK.

**Green list** species are all regularly occurring species that do not qualify under any of the red or amber criteria are green listed.

#### Global IUCN Red List

The International Union for Conservation of Nature (IUCN) Threatened Species was devised to provide a list of those species that are most at risk of becoming extinct globally. It provides taxonomic, conservation status and distribution information about threatened taxa around the globe.

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The system catalogues threatened species into groups of varying levels of threat, which are: Extinct (EX), Extinct in the Wild (EW), Critically Endangered (CE), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Least Concern (LC), Data Deficient (DD), Not Evaluated (NE). Criteria for designation into each of the categories is complex, and consider several principles.

#### Local Biodiversity Action Plan (LBAP)

Local Biodiversity Action Plans (LBAP) identify habitat and species conservation priorities at a local level (typically at the County level), and are usually drawn up by a consortium of local Government organisations and conservation charities.

Some LBAP's may also include Habitat Action Plans (HAP) and/or Species Action Plans (SAP), which are used to guide and inform the local decision making process.

#### Wild Mammals (Protection) Act 1996

This Act offers protects a form of protection to all wild species of mammals, irrespective of other legislation, and focussed on animal welfare, rather than conservation.

Unless covered by one of the exceptions, a person is guilty of an offence if he mutilates, kicks, beats, nails or otherwise impales, stabs, burns, stones, crushes, drowns, drags or asphyxiates any wild mammal with intent to inflict unnecessary suffering.


It's application is typically restricted to preventing deliberate harm to wildlife (in general) during construction works etc.





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## APPENDIX C: TARGET NOTES BY SITE




### OAD\_002 (& OAD\_009/010/011) – TARGET NOTES




<b>Project Name</b>	<b>OAD_002 &amp; OAD_009/010/011</b>
<b>Date of Survey</b>	April 26, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	12°C
<b>Cloud Cover</b>	80%
<b>Wind</b>	3 - Gentle breeze
<b>Precipitation</b>	No precipitation

<b>Target Note</b>	<b>Description</b>	<b>Photos</b>
<b>TN1</b>	<p>Mature Tree – Oak (pLWS; High Suitability)</p> <p>Mature Oak tree, Girth measured at 4.37m at chest height. Covered in Ivy, likely suitable for bats. No obvious cavities. Small amounts of dead Wood. In hedgerow. Possible LWS.</p> <p><b>British National Grid (m):</b> 463704E, 301638N</p> <p><b>WGS84 (Lat/Long):</b> 52.6088°N, -1.0607°E</p>	
<b>TN2</b>	Mature Tree - Ash	

	<p>Mature Ash, no obvious roosting opportunity for bats. Girth at breast height around 2.5m</p> <p><b>British National Grid (m):</b> 463619E, 301681N</p> <p><b>WGS84 (Lat/Long):</b> 52.6092°N, -1.0619°E</p>	
<p><b>TN3</b></p>	<p>Mature Tree – Oak (High Suitability?)</p> <p>Mature Oak tree covered in Ivy, unable to see cavities due to Ivy. Small amounts of dead branches. Girth measured 3.05m at chest height.</p> <p><b>British National Grid (m):</b> 463530E, 301729N</p> <p><b>WGS84 (Lat/Long):</b> 52.6097°N, -1.0632°E</p>	
<p><b>TN4</b></p>	<p>Mature Tree – Oak (High Suitability)</p> <p><i>Quercus cerris</i>, mature Tree to 40+ meters high. With covering of Ivy. Girth approximately to 4.5m. No obvious cavities possibly covered with ivy.</p> <p><b>British National Grid (m):</b> 463440E, 301781N</p> <p><b>WGS84 (Lat/Long):</b> 52.6101°N, -1.0645°E</p>	
<p><b>TN5</b></p>	<p>Hedge 1 - h2a5 190 191</p> <p>Native species-rich hedgerow with trees and associated ditch and scattered trees along the northern boundary. Height varied from 3m to 6m. Not gappy. Cover 100%.</p> <p><b>Condition: Good</b></p> <p><b>Species List (Woody)</b></p> <p>Cherry Plum <i>Prunus cerasifera</i> Abundant</p>	



	<p>Hawthorn <i>Crataegus monogyna</i> Frequent  Blackthorn <i>Prunus spinosa</i> Abundant  Pedunculate Oak <i>Quercus robur</i> Occasional  Field Maple <i>Acer campestre</i> Occasional  Dogwood <i>Cornus sanguinea</i> Rare  Apple <i>Malus sp.</i> Rare  Bramble <i>Rubus fruticosus</i> Rare  Ash <i>Fraxinus excelsior</i> Rare</p> <p><b>Species List (Ground flora)</b></p> <p>Hogweed <i>Heracleum sphondylium</i> Frequent  White Dead-nettle <i>Lamium album</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Frequent  Cleavers <i>Galium aparine</i> Frequent  Common Ivy <i>Hedera helix</i> Abundant  Common Nettle <i>Urtica dioica</i> Rare  Lords-and-Ladies <i>Arum maculatum</i> Rare  Red Campion <i>Silene dioica</i> Rare</p> <p><b>British National Grid (m):</b> 463475E, 301778N  <b>WGS84 (Lat/Long):</b> 52.6101°N, -1.064°E</p>	
<p><b>TN6</b></p>	<p>Wooden fence to 1.5m high.  Gap in hedge 1 where there is a fence for access. <i>Rubus fruticosus</i> abundant.</p> <p><b>British National Grid (m):</b> 463532E, 301727N  <b>WGS84 (Lat/Long):</b> 52.6096°N, -1.0632°E</p>	
<p><b>TN7</b></p>	<p>Hedge 2: h2a5 70 190 191  Managed hedgerow with ash standards. Hedge to 3m tall by 3.5m wide. With associated bank and ditch. Only with large gaps where there are gateways. Blue tits nesting. Small ditch has a small amount of water flow so has been condition assessed. Similar species to hedge 1 but with trees. Hedgerow ground flora as hedge 1.</p> <p><b>Condition: Good</b></p>	




	<p><b>Species List</b></p> <p>Cherry Plum <i>Prunus cerasifera</i> Abundant  Hawthorn <i>Crataegus monogyna</i> Abundant  Blackthorn <i>Prunus spinosa</i> Frequent  Dog roses <i>Rosa canina</i> Rare  Field Maple <i>Acer campestre</i> Occasional  Elder <i>Sambucus nigra</i> Rare  Bramble <i>Rubus fruticosus</i> Frequent  Ash <i>Fraxinus excelsior</i> Frequent  Goat Willow <i>Salix caprea</i> Occasional</p> <p><b>British National Grid (m):</b> 463654E, 301344N  <b>WGS84 (Lat/Long):</b> 52.6062°N, -1.0615°E</p>	
<b>TN8</b>	<p>Fallen Tree</p> <p>Fallen <i>Fagus sylvatica</i> onto hedgerow in corner of field 1.</p> <p><b>British National Grid (m):</b> 463620E, 301276N  <b>WGS84 (Lat/Long):</b> 52.6056°N, -1.062°E</p>	
<b>TN9</b>	<p>Ditch</p> <p>Ditch with a little flow associated with Hedge 2. Around 1m wide by 25cm deep.</p> <p><b>Condition: Moderate</b></p> <p><b>Species List</b></p> <p>Pendulous Sedge <i>Carex pendula</i> Frequent  Broad-leaved Dock <i>Rumex obtusifolius</i> Frequent  Common Figwort <i>Scrophularia nodosa</i> Rare  Great Willowherb <i>Epilobium hirsutum</i> Abundant</p> <p><b>British National Grid (m):</b> 463558E, 301287N  <b>WGS84 (Lat/Long):</b> 52.6057°N, -1.0629°E</p>	
<b>TN10</b>	<p>Mature Trees – Oak &amp; Ash (Low Suitability)</p> <p>Ivy covered mature trees, possible bat trees due to ivy. Girth of oak to around 2.5m. No clear cavities.</p> <p><b>British National Grid (m):</b> 463513E, 301305N</p>	


	<p><b>WGS84 (Lat/Long):</b> 52.6058°N, -1.0636°E</p>	
<p><b>TN11</b></p>	<p>Group of Trees</p> <p>Group of Ash trees with dieback, ivy covering and a small hole.</p> <p><b>British National Grid (m):</b> 463402E, 301356N</p> <p><b>WGS84 (Lat/Long):</b> 52.6063°N, -1.0652°E</p>	
<p><b>TN12</b></p>	<p>Mature Tree – Ash</p> <p>Mature Ash Tree that has split at down the middle of the main trunk and partially collapsed. Girth at breast height around 3 to 4m. Mostly obscured by hedgerow but possibly used by bat's.</p>	
<p><b>TN13</b></p>	<p>h3d Bramble scrub</p>	




	<p>Area of Bramble scrub 1.5m high to 3.5m wide. Seemingly where the hedgerow used to run as its associated with the same ditch.</p> <p><b>Species List</b></p> <p>Bramble <i>Rubus fruticosus</i> Dominant  Hogweed <i>Heracleum sphondylium</i> Frequent  Common Nettle <i>Urtica dioica</i> Abundant  White Dead-nettle <i>Lamium album</i> Occasional  English Elm <i>Ulmus procera</i> Rare</p> <p><b>British National Grid (m):</b> 463380E, 301480N  <b>WGS84 (Lat/Long):</b> 52.6074°N, -1.0655°E</p>	
<p><b>TN14</b></p>	<p>Scattered Scrub &amp; Trees</p> <p>Young <i>Ulmus procera</i> to 5m tall associated with small ditch with light flow.</p> <p><b>British National Grid (m):</b> 463371E, 301539N  <b>WGS84 (Lat/Long):</b> 52.608°N, -1.0656°E</p>	
<p><b>TN15</b></p>	<p>c1b Temporary grass and clover leys</p> <p>Temporary ley with dominant <i>Lolium perenne</i> and <i>Trifolium repens</i>. Cover 100%. Tall herb vegetation around edges in small areas, mostly associated with hedgerows. Vegetation height to 25cm.</p> <p><b>Species List</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Dominant  White Clover <i>Trifolium repens</i> Abundant  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional</p>	








	<p>Dandelion <i>Taraxacum</i> Frequent                  Italian Rye-grass <i>Lolium multiflorum</i> Rare                  Shepherd's-purse <i>Capsella bursa-pastoris</i> Rare                  Spear Thistle <i>Cirsium vulgare</i> Rare                  Wood Avens <i>Geum urbanum</i> Rare</p> <p><b>British National Grid (m):</b> 463525E, 301512N  <b>WGS84 (Lat/Long):</b> 52.6077°N, -1.0633°E</p>	
<p><b>TN16</b></p>	<p>w1g6 Line of trees</p> <p>Line of mature poplar trees adjacent to the ditch. Some ivy cover. Possible bat trees as some have splits and small holes. Bramble scrub beneath.</p> <p><b>Condition: Moderate</b></p> <p><b>Species List</b></p> <p>Canadian poplar <i>Populus x canadensis</i> Dominant                  Goat Willow <i>Salix caprea</i> Rare                  Common Nettle <i>Urtica dioica</i> Abundant                  Broad-leaved Dock <i>Rumex obtusifolius</i> Frequent                  Cock's-foot <i>Dactylis glomerata</i> Abundant                  Bramble <i>Rubus fruticosus</i> Occasional</p> <p><b>British National Grid (m):</b> 463397E, 301743N  <b>WGS84 (Lat/Long):</b> 52.6098°N, -1.0652°E</p>	
<p><b>TN17</b></p>	<p>Brash pile</p> <p>Possible refugia for reptiles or small mammals.</p> <p><b>British National Grid (m):</b> 463426E, 301760N  <b>WGS84 (Lat/Long):</b> 52.6099°N, -1.0648°E</p>	
<p><b>TN18</b></p>	<p>Mature Tree - Poplar 1</p> <p>Mature Poplar to 30m with split limb. Girth approx.. 4m at chest height.</p>	




	<p><b>British National Grid (m):</b> 463375E, 301679N</p> <p><b>WGS84 (Lat/Long):</b> 52.6092°N, -1.0655°E</p>	
<p><b>TN19</b></p>	<p>Mature Tree - Poplar 2 (Moderate Suitability?)</p> <p>Large 30m+ Poplar. Multi-stemmed but single trunk at base measured at 3.9m. Also has small knot holes, bats?</p> <p><b>British National Grid (m):</b> 463398E, 301741N</p> <p><b>WGS84 (Lat/Long):</b> 52.6098°N, -1.0652°E</p>	
<p><b>TN20</b></p>	<p>Mature Tree – Ash (High Suitability)</p> <p>Mature Ash Tree on edge of plantation woodland with large knot holes, possible use by bats or birds? Girth to 2.5m at chest height. Likely formed part of the old hedgerow.</p> <p><b>British National Grid (m):</b> 463380E, 301649N</p> <p><b>WGS84 (Lat/Long):</b> 52.609°N, -1.0655°E</p>	
<p><b>TN21</b></p>	<p>w1f lowland mixed deciduous woodland</p> <p>Broadleaved woodland approximately 30m wide by 25m tall. 100% cover. Ditch on West Side. Bluebell and</p>	



	<p>oak present so plantation around original trees?. Log piles present. Hybrid Bluebells at SK63340163.</p> <p><b>Condition: Moderate</b></p> <p><b>Species List (Canopy)</b></p> <p>Wild Cherry <i>Prunus avium</i> Abundant          Norway Maple <i>Acer platanoides</i> Frequent          Ash <i>Fraxinus excelsior</i> Frequent          Pedunculate Oak <i>Quercus robur</i> Frequent          Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p><b>Species List (Understory)</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant          Field Maple <i>Acer campestre</i> Frequent          Common Ivy <i>Hedera helix</i> Frequent          Elder <i>Sambucus nigra</i> Occasional          English Elm <i>Ulmus procera</i> Occasional          Redcurrant <i>Ribes rubrum</i> Rare          Bramble <i>Rubus fruticosus</i> Rare          Raspberry <i>Rubus idaeus</i> Rare</p> <p><b>Species List (Ground flora)</b></p> <p>Garlic Mustard <i>Alliaria petiolata</i> Abundant          Lesser Celandine <i>Ficaria verna</i> Occasional          Lords-and-Ladies <i>Arum maculatum</i> Occasional          False Brome <i>Brachypodium sylvaticum</i> Occasional          Wood Avens <i>Geum urbanum</i> Occasional          Common Nettle <i>Urtica dioica</i> Rare          Perennial Rye-grass <i>Lolium perenne</i> Rare          Cow Parsley <i>Anthriscus sylvestris</i> Rare          Hybrid Bluebell <i>Hyacinthoides x massartiana</i> Occasional</p> <p><b>British National Grid (m):</b> 463379E, 301636N  <b>WGS84 (Lat/Long):</b> 52.6088°N, -1.0655°E</p>	
<p><b>TN22</b></p>	<p>Animal holes</p>	

	<p>Likely rabbit judging by size and shape, also saw rabbit in the area.</p> <p><b>British National Grid (m):</b> 463350E, 301634N</p> <p><b>WGS84 (Lat/Long):</b> 52.6088°N, -1.0659°E</p>	
<p><b>TN23</b></p>	<p>Mature Trees (Group of 4)</p> <p>Large mature Oak trees, one on western edge with girth up to approx 3.5m. Possible bat trees.</p> <p><b>British National Grid (m):</b> 463352E, 301633N</p> <p><b>WGS84 (Lat/Long):</b> 52.6088°N, -1.0659°E</p>	
<p><b>TN24</b></p>	<p>c1b Field 2</p> <p>As field 1</p> <p><b>British National Grid (m):</b> 463358E, 301427N</p> <p><b>WGS84 (Lat/Long):</b> 52.607°N, -1.0658°E</p>	



		
<p><b>TN25</b></p>	<p>Hedge 3 - h2a51 190 191</p> <p>Hedgerow with trees and ditch, gappy at the Eastern end and beyond tree cluster. 3m tall by 3m wide. With ash trees, bramble scrubbing up in some areas but overall a nice hedgerow with relaxed management.</p> <p><b>Condition: Good</b></p> <p><b>Species List</b></p> <p>Elder <i>Sambucus nigra</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant</p> <p>Bramble <i>Rubus fruticosus</i> Frequent</p> <p>Dog roses <i>Rosa canina</i> Rare</p> <p>Ash <i>Fraxinus excelsior</i> Frequent</p> <p>Field Maple <i>Acer campestre</i> Occasional</p> <p>Blackthorn <i>Prunus spinosa</i> Abundant</p> <p><b>British National Grid (m):</b> 463400E, 301350N</p> <p><b>WGS84 (Lat/Long):</b> 52.6063°N, -1.0652°E</p>	
<p><b>TN26</b></p>	<p>Mature Tree with large hole</p> <p>Ash with large cavity. Suitable for birds or bats.</p> <p><b>British National Grid (m):</b> 463278E, 301389N</p> <p><b>WGS84 (Lat/Long):</b> 52.6066°N, -1.067°E</p>	
<p><b>TN27</b></p>	<p>Area with scattered and dominant rushes, <i>Juncus effusus</i> and <i>Juncus inflexus</i></p> <p><b>British National Grid (m):</b> 463174E, 301207N</p>	



	<p><b>WGS84 (Lat/Long):</b> 52.605°N, -1.0686°E</p>	
<p><b>TN28</b></p>	<p>h3d Bramble scrub</p> <p>Bramble scrub, outgrown from the hedgerow. 20m wide at southern end and tapers toward hedgerow. With some <i>Salix caprea</i>.</p> <p><b>British National Grid (m):</b> 463171E, 301207N</p> <p><b>WGS84 (Lat/Long):</b> 52.605°N, -1.0686°E</p>	
<p><b>TN29</b></p>	<p>Mature Trees in hedgerow</p> <p>Mostly oak with some Sycamore. One oak with many holes suitable for bats or woodpeckers. Woodpecker heard drilling.</p> <p><b>British National Grid (m):</b> 463167E, 301207N</p> <p><b>WGS84 (Lat/Long):</b> 52.605°N, -1.0687°E</p>	
<p><b>TN30</b></p>	<p><b>Spring and Flush</b></p> <p>Flushed area mainly dominated by rushes and <i>Holcus lanatus</i>. A small runnel is present where the spring</p>	

	<p>emerges then disappears into the vegetation. Cover 95%, vegetation height is varied and tussocky from 45cm down to 5-10cm.</p> <p><b>Species List</b></p> <p>Hard Rush <i>Juncus inflexus</i> Abundant          Pendulous Sedge <i>Carex pendula</i> Rare          Broad-leaved Dock <i>Rumex obtusifolius</i> Rare          Creeping Thistle <i>Cirsium arvense</i> Occasional          Creeping Buttercup <i>Ranunculus repens</i> Frequent          Soft-rush <i>Juncus effusus</i> Frequent          Cuckooflower <i>Cardamine pratensis</i> Locally frequent          Hogweed <i>Heracleum sphondylium</i> Rare          Great Willowherb <i>Epilobium hirsutum</i> Rare          Field Horsetail <i>Equisetum arvense</i> Rare          Yorkshire-fog <i>Holcus lanatus</i> Abundant          Bramble <i>Rubus fruticosus</i> Occasional          Bulrush <i>Typha latifolia</i> Rare</p> <p><b>British National Grid (m):</b> 463191E, 301268N  <b>WGS84 (Lat/Long):</b> 52.6055°N, -1.0683°E</p>	
<p><b>TN31</b></p>	<p>h3d Bramble scrub</p> <p>Bramble scrub up to the boundary with back gardens. <i>Rubus fruticosus</i> dominant, <i>Salix caprea</i> occasional.</p> <p><b>British National Grid (m):</b> 463202E, 301194N  <b>WGS84 (Lat/Long):</b> 52.6049°N, -1.0682°E</p>	
<p><b>TN32</b></p>	<p>w1g6 1174 Line of Trees; ecologically valuable</p> <p>Boundary trees between field and houses. Mostly oak and beech, mature nearing veteran (See TN36)</p> <p>Condition: Moderate</p> <p><b>Species List</b></p> <p>Beech <i>Fagus sylvatica</i> Abundant</p>	





	<p>Pedunculate Oak <i>Quercus robur</i> Occasional                  Sycamore <i>Acer pseudoplatanus</i> Occasional</p> <p>Bramble <i>Rubus fruticosus</i> Abundant                  Cleavers <i>Galium aparine</i> Frequent                  Common Ivy <i>Hedera helix</i> Frequent                  Elder <i>Sambucus nigra</i> Occasional                  Hawthorn <i>Crataegus monogyna</i> Occasional                  Blackthorn <i>Prunus spinosa</i> Occasional                  Snowberry <i>Symphoricarpos albus</i> Rare                  Wild Cherry <i>Prunus avium</i> Rare                  Yew <i>Taxus baccata</i> Rare</p> <p><b>British National Grid (m):</b> 463343E, 301131N  <b>WGS84 (Lat/Long):</b> 52.6043°N, -1.0661°E</p>	
<p><b>TN33</b></p>	<p>Mature tree                  Oak, large, girth to 3.5m  <b>British National Grid (m):</b> 463363E, 301129N  <b>WGS84 (Lat/Long):</b> 52.6043°N, -1.0658°E</p>	
<p><b>TN34</b></p>	<p>Mature Tree – Beech (High Suitability)                  Beech with bat features long crack and girth to approx. 4m.  <b>British National Grid (m):</b> 463374E, 301127N  <b>WGS84 (Lat/Long):</b> 52.6043°N, -1.0657°E</p>	





		
<b>TN35</b>	<p>Mature beech tree to 40m tall, girth approx 4m, likely bat features.</p> <p><b>British National Grid (m):</b> 463417E, 301118N</p> <p><b>WGS84 (Lat/Long):</b> 52.6042°N, -1.065°E</p>	
<b>TN36</b>	<p>Mature Tree – Sycamore (High Suitability)</p> <p>Multi-stemmed giant Sycamore tree. Girth approx. 5m. Possibly suitable for bats. Potential LWS tree.</p> <p><b>British National Grid (m):</b> 463467E, 301120N</p> <p><b>WGS84 (Lat/Long):</b> 52.6042°N, -1.0643°E</p>	
<b>TN37</b>	<p>Hedge with trees - h2a 190 (Hedge 4)</p> <p>Tall hedgerow to 6m by 4m wide. With many trees including <i>Sorbus aria</i> and <i>Prunus padus</i>. Starts to be more like line of trees towards the western side with limited shrub layer.</p> <p><b>Species List</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant</p> <p>Wild Cherry <i>Prunus avium</i> Abundant</p> <p>Elder <i>Sambucus nigra</i> Frequent</p> <p>Bird Cherry <i>Prunus padus</i> Frequent</p> <p>Goat Willow <i>Salix caprea</i> Occasional</p> <p>Common Whitebeam <i>Sorbus aria</i> Occasional</p> <p>Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Hornbeam <i>Carpinus betulus</i> Occasional</p> <p>Lombardy-poplar <i>Populus nigra 'italica'</i> Rare</p> <p>Dog roses <i>Rosa canina</i> sl. Rare</p> <p>Field Maple <i>Acer campestre</i> Rare</p>	




	<p>Alder <i>Alnus glutinosa</i> Rare</p> <p><b>British National Grid (m):</b> 463293E, 301488N</p> <p><b>WGS84 (Lat/Long):</b> 52.6075°N, -1.0668°E</p>	
<b>TN38</b>	<p>c1 16 17 <b>Arable and Horticulture</b>; tall herb; ruderal/ephemeral</p> <p>Field 3 - Fallow crop field dominated by <i>Bromus sterilis</i> and <i>Cirsium</i> species. Vegetation height to 30cm but varied. Cover to 95% with patches of bare earth.</p> <p><b>Species List</b></p> <p>Barren Brome <i>Anisantha sterilis</i> Dominant</p> <p>Perennial Rye-grass <i>Lolium perenne</i> Frequent</p> <p>Creeping Thistle <i>Cirsium arvense</i> Frequent</p> <p>Spear Thistle <i>Cirsium vulgare</i> Occasional</p> <p>Common Ragwort <i>Jacobaea vulgaris</i> Occasional</p> <p>Willowherb <i>Epilobium</i> Occasional</p> <p>Groundsel <i>Senecio vulgaris</i> Rare</p> <p>Rosebay Willowherb <i>Chamerion angustifolium</i> Occasional</p> <p>Beaked Hawk's-beard <i>Crepis vesicaria</i> Rare</p> <p>Dandelion <i>Taraxacum</i> Occasional</p> <p>Nipplewort <i>Lapsana communis</i> Rare</p> <p>Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare</p> <p>Greater Plantain <i>Plantago major</i> Rare</p> <p>Field Forget-me-not <i>Myosotis arvensis</i> Rare</p> <p>Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional</p> <p><b>British National Grid (m):</b> 463144E, 301473N</p> <p><b>WGS84 (Lat/Long):</b> 52.6074°N, -1.069°E</p>	
<b>TN39</b>	<p>h2a 190 – Hedgerow with trees (Hedge 5a)</p> <p>Blackthorn and Hawthorn hedgerow with trees. Height is varied across the hedge with some Shrubs reaching 6-7m tall on the northern section. Also very wide (approx. 7m) in the northern portion, becoming scrubby with blackthorn abundant. Not gappy at the</p>	

	<p>base nor canopy, grounds-man said they're flailed once per year.</p> <p><b>Species List</b></p> <p>Blackthorn <i>Prunus spinosa</i> Abundant  Hawthorn <i>Crataegus monogyna</i> Abundant  Field Maple <i>Acer campestre</i> Frequent  Ash <i>Fraxinus excelsior</i> Frequent  Wayfaring-tree <i>Viburnum lantana</i> Rare  Bird Cherry <i>Prunus padus</i> Rare  Dog roses <i>Rosa canina</i> Rare</p> <p><b>British National Grid (m):</b> 463004E, 301634N</p> <p><b>WGS84 (Lat/Long):</b> 52.6089°N, -1.071°E</p>	
<p><b>TN40</b></p>	<p>h2a5 190 – Native species-rich hedgerow with trees (Hedge 5b)</p> <p>Hedgerow with trees. Height is consistent across the hedge, mostly to 2.5m tall by 3. 5m wide. Not gappy at the base nor canopy, groundsman said they're flailed once per year. Trees to 20m are mostly field maple and Ash of similar age. Species rich, a good quality hedge, potential LWS. No ditch observed. Southern end outgrown with mature <i>Salix</i> and ruderal beneath.</p> <p><b>Species List</b></p> <p>Field Maple <i>Acer campestre</i> Abundant  Dogwood <i>Cornus sanguinea</i> Abundant  Blackthorn <i>Prunus spinosa</i> Frequent  Ash <i>Fraxinus excelsior</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Occasional  Common Ivy <i>Hedera helix</i> Occasional  Bird Cherry <i>Prunus padus</i> Occasional  Dog roses <i>Rosa canina</i> s/l Rare  Hazel <i>Corylus avellana</i> Rare  Wild Privet <i>Ligustrum vulgare</i> Rare  Holly <i>Ilex aquifolium</i> Rare  English Elm <i>Ulmus procera</i> Rare  Elder <i>Sambucus nigra</i> Rare</p>	

	<p><b>British National Grid (m):</b> 462946E, 301642N</p> <p><b>WGS84 (Lat/Long):</b> 52.6089°N, -1.0719°E</p>	
<b>TN41</b>	<p>Mature Tree - <i>Salix</i> sp.</p> <p>Mature willow that is covered in Ivy, may be covering roosting features. Bat roost suitability moderate to high.</p> <p><b>British National Grid (m):</b> 462901E, 301524N</p> <p><b>WGS84 (Lat/Long):</b> 52.6079°N, -1.0726°E</p>	
<b>TN42</b>	<p>Garden Hedge H2b (Hedge 6)</p> <p>100% cover of non-native conifer. 2.5m tall by 3m wide. Likely <i>Chamaecyparis</i> cv. or similar.</p> <p><b>British National Grid (m):</b> 462923E, 301493N</p> <p><b>WGS84 (Lat/Long):</b> 52.6076°N, -1.0722°E</p>	
<b>TN43</b>	<p>u1e6 69 Fence</p> <p>Fence to 1.2m</p> <p><b>British National Grid (m):</b> 462952E, 301476N</p> <p><b>WGS84 (Lat/Long):</b> 52.6074°N, -1.0718°E</p>	
<b>TN44</b>	<p>g3c Other neutral grassland (Grassland 1)</p> <p>Condition: Poor</p> <p>Unmown <i>Elymus</i> grassland with a sward height to 35cm. Cover is 100%. Is an area of relaxed management and is never used for sports. Tussocky, suitable for ground nesting birds and reptiles.</p> <p><b>Species List</b></p> <p>Red Fescue <i>Festuca rubra</i> agg. Abundant</p> <p>Common Couch <i>Elymus repens</i> Dominant</p> <p>Hairy Tare <i>Ervilia hirsuta</i> Occasional</p> <p>Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional</p> <p>Cock's-foot <i>Dactylis glomerata</i> Occasional</p> <p>Creeping Bent <i>Agrostis stolonifera</i> Occasional</p> <p>Meadow Foxtail <i>Alopecurus pratensis</i> Occasional</p>	



	<p>Perennial Rye-grass <i>Lolium perenne</i> Frequent  Broad-leaved Dock <i>Rumex obtusifolius</i> Rare  Cuckooflower <i>Cardamine pratensis</i> Rare  Hogweed <i>Heracleum sphondylium</i> Rare  Dandelion <i>Taraxacum</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Rare</p> <p><b>British National Grid (m):</b> 462953E, 301519N  <b>WGS84 (Lat/Long):</b> 52.6078°N, -1.0718°E</p>	
<b>TN45</b>	<p>g4 Modified grassland (Grassland 2)  Condition: Poor  Regularly mown sports pitch dominated by <i>Lolium perenne</i>. Cover 100%, height to 4cm.</p> <p><b>Species List</b>  Perennial Rye-grass <i>Lolium perenne</i> Dominant  Annual Meadow-grass <i>Poa annua</i> Rare  Red Fescue <i>Festuca rubra</i> agg. Occasional</p> <p><b>British National Grid (m):</b> 463014E, 301496N  <b>WGS84 (Lat/Long):</b> 52.6076°N, -1.0709°E</p>	
<b>TN46</b>	<p>w1g6 Line of Trees  Line of trees with consistent canopy cover (100%). No under story. To 20m high by 8m wide. Grass beneath. Bird box on the northern side.</p> <p><b>Species List</b>  Field Maple <i>Acer campestre</i> Abundant  Lombardy-poplar <i>Populus nigra 'italica'</i> Frequent  Hornbeam <i>Carpinus betulus</i> Frequent  Wild Cherry <i>Prunus avium</i> Occasional  Bird Cherry <i>Prunus padus</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Occasional  Ash <i>Fraxinus excelsior</i> Rare  Silver Birch <i>Betula pendula</i> Rare</p>	


	<p><b>British National Grid (m):</b> 463027E, 301622N</p> <p><b>WGS84 (Lat/Long):</b> 52.6088°N, -1.0707°E</p>	
<b>TN47</b>	<p>g4 Modified grassland (Grassland 3)</p> <p>Condition: Poor</p> <p>Short sward that contrasts with both the sport pitch and the rank <i>Elymus</i> grassland to the north. Cover is 95%, height varied 0-20cm. A 1.5m<sup>2</sup> patch of <i>Carex flacca</i> is present at SK62980148. Bryophytes cover is moderate to around 60% beneath herbs and grass.</p> <p><b>Species List</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Abundant</p> <p>Yorkshire-fog <i>Holcus lanatus</i> Abundant</p> <p>Common Ragwort <i>Jacobaea vulgaris</i> Frequent</p> <p>Red Fescue <i>Festuca rubra</i> Locally frequent</p> <p>Common Mouse-ear <i>Cerastium fontanum</i> Occasional</p> <p>Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional</p> <p>Bare ground Occasional</p> <p>Creeping Thistle <i>Cirsium arvense</i> Rare</p> <p>Spear Thistle <i>Cirsium vulgare</i> Rare</p> <p>Wall Speedwell <i>Veronica arvensis</i> Rare</p> <p>Glaucous Sedge <i>Carex flacca</i> Rare</p> <p>Lesser Trefoil <i>Trifolium dubium</i> cf. Rare</p> <p>Creeping Bent <i>Agrostis stolonifera</i> Rare</p> <p>Hairy Tare <i>Ervilia hirsuta</i> Rare</p> <p>Daisy <i>Bellis perennis</i> Rare</p> <p>Thyme-leaved Speedwell <i>Veronica serpyllifolia</i> Rare</p> <p><b>British National Grid (m):</b> 463000E, 301485N</p> <p><b>WGS84 (Lat/Long):</b> 52.6075°N, -1.0711°E</p>	
<b>TN48</b>	<p>w1g7 36 - Other broadleaved Woodland types; plantation</p> <p><b>Condition: Moderate</b></p> <p>Plantation woodland over modified grassland. Tree heights range from 5-15m with a cover around 60%. Ground vegetation to 30cm and 100% cover.</p> <p><b>Species List</b></p>	


	<p>Silver Birch <i>Betula pendula</i> Abundant</p> <p>Apple <i>Malus domestica</i> Frequent</p> <p>Hazel <i>Corylus avellana</i> Frequent</p> <p>Alder <i>Alnus glutinosa</i> Occasional</p> <p>Wild Cherry <i>Prunus avium</i> Occasional</p> <p>Pedunculate Oak <i>Quercus robur</i> Rare</p> <p>Blackthorn <i>Prunus spinosa</i> Rare</p> <p>Field Maple <i>Acer campestre</i> Occasional</p> <p>Common Couch <i>Elymus repens</i> Abundant</p> <p>Broad-leaved Dock <i>Rumex obtusifolius</i> Frequent</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Locally abundant</p> <p>Pendulous Sedge <i>Carex pendula</i> Rare</p> <p>Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare</p> <p><b>British National Grid (m):</b> 463046E, 301493N</p> <p><b>WGS84 (Lat/Long):</b> 52.6076°N, -1.0704°E</p>	
<b>TN49</b>	<p>h3d Bramble scrub</p> <p>Bramble scrub to 2m tall and 5m deep. Between the arable field and the fence line to back gardens.</p> <p><b>British National Grid (m):</b> 462947E, 301450N</p> <p><b>WGS84 (Lat/Long):</b> 52.6072°N, -1.0719°E</p>	
<b>TN50</b>	<p>Mature Tree - Ash (Moderate/High)</p> <p>Mature tree in beyond boundary in back garden. Suitable for bats; moderate/high potential as ivy covered. Height to 35m.</p> <p><b>British National Grid (m):</b> 462950E, 301436N</p> <p><b>WGS84 (Lat/Long):</b> 52.6071°N, -1.0718°E</p>	
<b>TN51</b>	<p>Mature Trees - Ash (Moderate)</p> <p>Ashes in gardens, one with large 30/40cm knot hole. Moderate suitability for bats.</p>	

	<p><b>British National Grid (m):</b> 462963E, 301407N</p> <p><b>WGS84 (Lat/Long):</b> 52.6068°N, -1.0717°E</p>	
<p><b>TN52</b></p>	<p>f2f 16 121 - Other swamps; tall herb; waterlogged</p> <p>Small, damp depression that is 4m wide by 8m long. Dominated by <i>Epilobium hirsutum</i> accompanied by <i>Typha latifolia</i>. Small amount of scrub around the perimeter.</p> <p><b>Species List</b></p> <p>Great Willowherb <i>Epilobium hirsutum</i> Dominant</p> <p>Bulrush <i>Typha latifolia</i> Frequent</p> <p>Cock's-foot <i>Dactylis glomerata</i> Occasional</p> <p>Wavy Bitter-cress <i>Cardamine flexuosa</i> Occasional</p> <p>Common Nettle <i>Urtica dioica</i> Rare</p> <p>Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional</p> <p><b>Scrub</b></p> <p>Elder <i>Sambucus nigra</i> Occasional</p> <p>Butterfly-bush <i>Buddleja davidii</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Occasional</p> <p><b>British National Grid (m):</b> 463112E, 301282N</p> <p><b>WGS84 (Lat/Long):</b> 52.6057°N, -1.0695°E</p>	
<p><b>TN53</b></p>	<p>w1g6 10 47 - Line of trees; scattered scrub; native</p>	




	<p>Line of trees beyond wire fence, 100% cover, canopy 20m wide to 35m tall. One mature Oak to 35m, ivy covered, suitable bat tree (high), girth 3.5-4m. Well-developed shrub layer, likely an outgrown hedgerow.</p> <p><b>Species List</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant          Bramble <i>Rubus fruticosus</i> Abundant          Hazel <i>Corylus avellana</i> Frequent          Pedunculate Oak <i>Quercus robur</i> Frequent          Elder <i>Sambucus nigra</i> Occasional          Hawthorn <i>Crataegus monogyna</i> Occasional          Holly <i>Ilex aquifolium</i> Occasional          Dog roses <i>Rosa canina</i> sl Rare          Wild Cherry <i>Prunus avium</i> Rare</p> <p><b>British National Grid (m):</b> 463084E, 301257N  <b>WGS84 (Lat/Long):</b> 52.6055°N, -1.0699°E</p>	
<p><b>TN54</b></p>	<p>w1f 10 37 47 - Lowland mixed deciduous woodland; scattered scrub; semi-natural; native</p> <p>Woodland parcel where two hedgerows converge and for a small, wooded wedge. Canopy cover around 75%. Trees to 35m. Bramble scrub present beneath at a cover of around 60% with <i>Urtica dioica</i> around 30%.</p> <p><b>Species List</b></p> <p><b>Canopy</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Abundant          Ash <i>Fraxinus excelsior</i> Frequent          Wild Cherry <i>Prunus avium</i> Occasional          English Elm <i>Ulmus procera</i> Occasional          Rowan <i>Sorbus aucuparia</i> Rare</p> <p><b>Understorey</b></p> <p>Bramble <i>Rubus fruticosus</i> agg. Abundant          Elder <i>Sambucus nigra</i> Occasional          Hawthorn <i>Crataegus monogyna</i> Occasional          Sycamore <i>Acer pseudoplatanus</i> Rare          Horse-chestnut <i>Aesculus hippocastanum</i> Rare</p>	

	<p>Cherry Laurel <i>Prunus laurocerasus</i> Rare</p> <p>Raspberry <i>Rubus idaeus</i> Rare</p> <p>Gooseberry <i>Ribes uva-crispa</i> Rare</p> <p><b>Field Layer</b></p> <p>Common Nettle <i>Urtica dioica</i> Abundant</p> <p>Ground-ivy <i>Glechoma hederacea</i> Frequent</p> <p>Cleavers <i>Galium aparine</i> Frequent</p> <p>Common Ivy <i>Hedera helix</i> Occasional</p> <p>Lesser Celandine <i>Ficaria verna</i> Occasional</p> <p>Lords-and-Ladies <i>Arum maculatum</i> Occasional</p> <p>Rough Meadow-grass <i>Poa trivialis</i> Occasional</p> <p>Garlic Mustard <i>Alliaria petiolata</i> Occasional</p> <p>Wavy Bitter-cress <i>Cardamine flexuosa</i> Occasional</p> <p>Wood Avens <i>Geum urbanum</i> Rare</p> <p>Ivy-leaved Speedwell <i>Veronica hederifolia</i> Rare</p> <p>Wood Forget-me-not <i>Myosotis sylvatica</i> Rare</p> <p>Red Campion <i>Silene dioica</i> Rare</p> <p>Male-fern <i>Dryopteris filix-mas</i> Rare</p> <p>Pendulous Sedge <i>Carex pendula</i> Rare</p> <p>Soft Shield-fern <i>Polystichum setiferum</i> Rare</p> <p>Hybrid Bluebell <i>Hyacinthoides x massartiana</i> Rare</p> <p><b>British National Grid (m):</b> 463126E, 301230N</p> <p><b>WGS84 (Lat/Long):</b> 52.6052°N, -1.0693°E</p>	
<p><b>TN55</b></p>	<p>Mature Tree - Oak (Low Suitability)</p> <p>Mature Oak tree in woodland with low suitability for roosting bats.</p> <p><b>British National Grid (m):</b> 463141E, 301227N</p> <p><b>WGS84 (Lat/Long):</b> 52.6052°N, -1.0691°E</p>	




<b>TN56</b>	<p>Mature Tree - Oak (High suitability)</p> <p>With large cracked limb, suitable for bats. Girth at breast height measured at 3.3m</p> <p><b>British National Grid (m):</b> 463115E, 301222N</p> <p><b>WGS84 (Lat/Long):</b> 52.6051°N, -1.0694°E</p>	
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## OAD\_003 – TARGET NOTES



<b>Project Name</b>	<b>Oadby Wigston LWS OAD_003</b>
<b>Date of Survey</b>	June 21, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	°C
<b>Cloud Cover</b>	80%
<b>Wind</b>	1 - Light air
<b>Precipitation</b>	No precipitation




Target Note	Description	Photos
<b>TN1</b>	<p><b>w1f7 Lowland mixed deciduous woodland</b></p> <p>Mixed woodland with numerous white aspen suckers and large stand of snowberry. Mostly oak in the canopy. Ivy dominant on the ground. Slack line installed between two trees. Ditches present in wood.</p> <p><b>Condition: Moderate</b></p> <p><b>Species</b></p> <p><b>Canopy/Understorey</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Abundant</p>	

	<p>Aspen <i>Populus tremula</i> Frequent</p> <p>Sycamore <i>Acer pseudoplatanus</i> Frequent</p> <p>White Poplar <i>Populus alba</i> Locally abundant</p> <p>Wych Elm <i>Ulmus glabra</i> Occasional</p> <p>Beech <i>Fagus sylvatica</i> Occasional</p> <p>Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Large-leaved Lime <i>Tilia platyphyllos</i> Rare</p> <p>Snowberry <i>Symphoricarpos albus</i> Abundant</p> <p>Common Ivy <i>Hedera helix</i> Dominant</p> <p>Redcurrant <i>Ribes rubrum</i> Occasional</p> <p>Yew <i>Taxus baccata</i> Occasional</p> <p>Holly <i>Ilex aquifolium</i> Occasional</p> <p>Bramble <i>Rubus fruticosus</i> agg. Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Rare</p> <p>English Elm <i>Ulmus procera</i> Rare</p> <p>Hazel <i>Corylus avellana</i> Rare</p> <p>Field Maple <i>Acer campestre</i> Rare</p> <p><b>Field layer</b></p> <p>Male-fern <i>Dryopteris filix-mas</i> Occasional</p> <p>False Brome <i>Brachypodium sylvaticum</i> Occasional</p> <p>Wood Avens <i>Geum urbanum</i> Occasional</p> <p>Lords-and-Ladies <i>Arum maculatum</i> Occasional</p> <p>Broad Buckler-fern <i>Dryopteris dilatata</i> Rare</p> <p>Ramsons <i>Allium ursinum</i> Rare</p> <p>Wood Dock <i>Rumex sanguineus</i> Rare</p> <p>Cleavers <i>Galium aparine</i> Rare</p> <p>Common Nettle <i>Urtica dioica</i> Rare</p> <p>Willowherb <i>Epilobium</i> sp. Rare</p> <p>Blackthorn <i>Prunus spinosa</i> Rare</p> <p><b>British National Grid (m):</b> 462738E, 302115N</p> <p><b>WGS84 (Lat/Long):</b> 52.6132°N, -1.0749°E</p>	
TN2	<b>Mature Tree - Lime (pLWS)</b>	

	<p>Multi-stemmed <i>Tilia platyphyllos</i>. Base of trunks circumference at chest height at least 5m.</p> <p><b>British National Grid (m):</b> 462735E, 302102N</p> <p><b>WGS84 (Lat/Long):</b> 52.6131°N, -1.0749°E</p>	
<p><b>TN3</b></p>	<p><b>Mature Tree - Ash &amp; Oak (Moderate)</b></p> <p>Mature ash and oak trees with many suitable holes for bats. Green woodpecker heard and large woodpecker holes in trunk. Oak covered with Ivy.</p> <p><b>British National Grid (m):</b> 462765E, 302056N</p> <p><b>WGS84 (Lat/Long):</b> 52.6127°N, -1.0745°E</p>	
<p><b>TN4</b></p>	<p><b>g3c6 Other neutral grassland; Lolium-Cynosurus (Field 1)</b></p> <p>Grassland with abundant Yorkshire fog, meadow buttercup and perennial rye-grass. Height to 75cm, cover 100%. Full of meadow-brown butterflies. Managed as a hay cut.</p> <p><b>Condition: Moderate</b></p> <p><b>Species</b></p> <p>Yorkshire-fog <i>Holcus lanatus</i> Dominant</p> <p>Meadow Buttercup <i>Ranunculus acris</i> Abundant</p> <p>Lesser Trefoil <i>Trifolium dubium</i> Abundant</p> <p>Crested Dog's-tail <i>Cynosurus cristatus</i> Frequent</p> <p>Rough Meadow-grass <i>Poa trivialis</i> Frequent</p> <p>Soft-brome <i>Bromus hordeaceus</i> Frequent</p> <p>Perennial Rye-grass <i>Lolium perenne</i> Frequent</p> <p>Creeping Bent <i>Agrostis stolonifera</i> Frequent</p> <p>Dandelion <i>Taraxacum agg</i> Frequent</p> <p>Cock's-foot <i>Dactylis glomerata</i> Occasional</p> <p>Common Couch <i>Elymus repens</i> Occasional</p>	




	<p>Common Mouse-ear <i>Cerastium fontanum</i> Occasional                  Red Clover <i>Trifolium pratense</i> Occasional                  White Clover <i>Trifolium repens</i> Occasional                  Creeping Buttercup <i>Ranunculus repens</i> Occasional                  False Oat-grass <i>Arrhenatherum elatius</i> Rare                  Yellow Oat-grass <i>Trisetum flavescens</i> Rare                  Timothy <i>Phleum pratense</i> Rare                  Common Sorrel <i>Rumex acetosa</i> Rare                  Broad-leaved Dock <i>Rumex obtusifolius</i> Rare                  Hogweed <i>Heracleum sphondylium</i> Rare                  Common Ragwort <i>Jacobaea vulgaris</i> Rare                  Creeping Thistle <i>Cirsium arvense</i> Rare                  Selfheal <i>Prunella vulgaris</i> Rare                  Goat's-beard <i>Tragopogon pratensis</i> Rare                  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare                  Oxeye Daisy <i>Leucanthemum vulgare</i> Rare                  Greater Plantain <i>Plantago major</i> Rare</p> <p><b>British National Grid (m):</b> 462718E, 302025N  <b>WGS84 (Lat/Long):</b> 52.6124°N, -1.0752°E</p>	
<p><b>TN5</b></p>	<p><b>Rural Tree Group - Oak (Moderate)</b></p> <p>Several mature oak <i>Quercus robur</i> trees with ivy covering. Some with suitable cracks etc for bats.</p> <p><b>Condition: Good</b></p> <p><b>Species</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Dominant                  Common Ivy <i>Hedera helix</i> Abundant                  Ground-elder <i>Aegopodium podagraria</i> Abundant                  Variegated Yellow Archangel <i>Lamiastrum galeobdolon subsp. argentatum</i> Abundant                  Wood Dock <i>Rumex sanguineus</i> Occasional                  Wood Avens <i>Geum urbanum</i> Occasional                  Common Nettle <i>Urtica dioica</i> Occasional                  Bramble <i>Rubus fruticosus agg</i> Occasional                  Meadow Buttercup <i>Ranunculus acris</i> Occasional                  Lords-and-Ladies <i>Arum maculatum</i> Rare</p>	

	<p>Dogwood <i>Cornus sanguinea</i> Rare Garlic Mustard <i>Alliaria petiolata</i> Rare Hybrid Bluebell <i>Hyacinthoides x massartiana</i> Rare</p> <p><b>British National Grid (m):</b> 462603E, 301761N <b>WGS84 (Lat/Long):</b> 52.61°N, -1.0769°E</p>	
<b>TN6</b>	<p><b>Invasive - Yellow Archangel</b></p> <p><i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i> – Schedule 9.</p> <p><b>British National Grid (m):</b> 462606E, 301755N <b>WGS84 (Lat/Long):</b> 52.61°N, -1.0769°E</p>	
<b>TN7</b>	<p><b>h2a5 190 Native species-rich hedgerow with trees (Hedge 1)</b></p> <p>Scrubby hedgerow that borders the site and back gardens. Width to 5m, height to 4m. Standard wild cherry and Ash trees. Starts scrubby at the southern end then thins out.</p> <p><b>Condition: Good</b></p> <p><b>Species</b></p> <p>Blackthorn <i>Prunus spinosa</i> Dominant Bramble <i>Rubus fruticosus</i> Abundant Elder <i>Sambucus nigra</i> Frequent Hawthorn <i>Crataegus monogyna</i> Frequent Ash <i>Fraxinus excelsior</i> Frequent Hogweed <i>Heracleum sphondylium</i> Frequent Grey Willow <i>Salix cinerea</i> Locally frequent Wild Cherry <i>Prunus avium</i> Occasional Dog roses <i>Rosa canina</i> Occasional Common Ivy <i>Hedera helix</i> Occasional Great Willowherb <i>Epilobium hirsutum</i> Occasional Cleavers <i>Galium aparine</i> Occasional Dogwood <i>Cornus sanguinea</i> Occasional Pedunculate Oak <i>Quercus robur</i> Occasional Sycamore <i>Acer pseudoplatanus</i> Occasional White Willow <i>Salix alba</i> Occasional</p>	


	<p>Cherry Laurel <i>Prunus laurocerasus</i> Rare                  Field Maple <i>Acer campestre</i> Rare                  Bittersweet <i>Solanum dulcamara</i> Rare                  Cypresses <i>Cupressus</i> Rare                  White Bryony <i>Bryonia dioica</i> Rare                  Aspen <i>Populus tremula</i> Rare</p> <p><b>British National Grid (m):</b> 462640E, 301898N  <b>WGS84 (Lat/Long):</b> 52.6113°N, -1.0763°E</p>	
<p><b>TN8</b></p>	<p><b>Veteran Tree - Ash (pLWS, High)</b></p> <p>Veteran ash tree in hedge 1 with split limbs, ivy, heart rot, open cavities etc. Girth approx. 3.5-4m. Likely pLWS.</p> <p><b>British National Grid (m):</b> 462654E, 301921N  <b>WGS84 (Lat/Long):</b> 52.6115°N, -1.0761°E</p>	
<p><b>TN9</b></p>	<p><b>Mature Tree - Ash (Moderate)</b></p> <p>Ivy covered ash moderate for bats.</p> <p><b>British National Grid (m):</b> 462653E, 301967N  <b>WGS84 (Lat/Long):</b> 52.6119°N, -1.0761°E</p>	
<p><b>TN10</b></p>	<p><b>Mature Trees - Oak (pLWS, Moderate)</b></p> <p>Two <i>Quercus robur</i> trees. Wood-pasture like. Both mature reaching veteran with many features suitable for bats.</p> <p>Southern tree with many split limbs and measured at 6m girth at chest height, bumblebees nesting in cavity.</p> <p>Northern tree approx. 5.5m at chest height, with split limbs and cavities.</p> <p><b>British National Grid (m):</b> 462653E, 301982N  <b>WGS84 (Lat/Long):</b> 52.612°N, -1.0761°E</p>	





		
<b>TN11</b>	<p><b>Mature Trees - White Willow &amp; Ash (Moderate)</b></p> <p>Mature trees with ivy, likely suitable for bats.</p> <p><b>British National Grid (m):</b> 462631E, 302076N</p> <p><b>WGS84 (Lat/Long):</b> 52.6129°N, -1.0764°E</p>	
<b>TN12</b>	<p><b>h3d Bramble Scrub</b></p> <p>Bramble scrub outgrown from hedgerow. Height to 2m. Cover 100%.</p> <p><b>Species</b></p> <p>Bramble <i>Rubus fruticosus agg.</i> Dominant</p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Occasional</p> <p>Common Nettle <i>Urtica dioica</i> Occasional</p> <p>Blackthorn <i>Prunus spinosa</i> Rare</p> <p>Dog roses <i>Rosa canina</i> Rare</p> <p>Creeping Thistle <i>Cirsium arvense</i> Occasional</p> <p>Hedge Bindweed <i>Calystegia sepium</i> Frequent</p> <p><b>British National Grid (m):</b> 462627E, 302104N</p> <p><b>WGS84 (Lat/Long):</b> 52.6131°N, -1.0765°E</p>	
<b>TN13</b>	<p><b>h2a 190 Native hedgerow with trees (Hedge 2).</b></p> <p>Native hedgerow next to road with oak standards to 30m tall. Hedge gappy and shaded, mostly blackthorn. Cover 95%. Oaks set slightly into field.</p> <p><b>Condition: Good</b></p> <p><b>Species</b></p> <p>Blackthorn <i>Prunus spinosa</i> Dominant</p>	

	<p>Pedunculate Oak <i>Quercus robur</i> Dominant  Hawthorn <i>Crataegus monogyna</i> Frequent  Wild Privet <i>Ligustrum vulgare</i> Occasional  Bramble <i>Rubus fruticosus</i> agg. Occasional  Ash <i>Fraxinus excelsior</i> Occasional  Dogwood <i>Cornus sanguinea</i> Occasional  Field Maple <i>Acer campestre</i> Occasional  Sycamore <i>Acer pseudoplatanus</i> Rare  Dog roses <i>Rosa canina</i> Rare</p> <p><b>British National Grid (m):</b> 462702E, 302158N  <b>WGS84 (Lat/Long):</b> 52.6136°N, -1.0754°E</p>	
<b>TN14</b>	<p><b>Mature Trees - Oak (pLWS, Moderate)</b></p> <p>Several mature oak (<i>Q.robur</i>) trees in hedge 2 with split limbs and ivy covering. Some reaching 3-3.5m girth and likely qualify for LWS. Suitable for bats.</p> <p><b>British National Grid (m):</b> 462693E, 302161N  <b>WGS84 (Lat/Long):</b> 52.6136°N, -1.0755°E</p>	
<b>TN15</b>	<p><b>Mature Tree - Oak (Moderate)</b></p> <p>Mature oak with crown dieback and bat potential.</p> <p><b>British National Grid (m):</b> 462604E, 302199N  <b>WGS84 (Lat/Long):</b> 52.614°N, -1.0768°E</p>	
<b>TN16</b>	<p><b>g3c6 Other neutral grassland Lolium-Cynosurus (Field 2)</b></p> <p>Grassland with 100% cover. Height of vegetation is 60-90cm. Dominated by Yorkshire fog etc as Field 1. Managed for hay.</p> <p><b>Condition: Moderate</b></p> <p><b>Species</b></p> <p>Yorkshire-fog <i>Holcus lanatus</i> Dominant</p>	

<p>Meadow Buttercup <i>Ranunculus acris</i> Abundant</p> <p>Creeping Bent <i>Agrostis stolonifera</i> Frequent</p> <p>Soft-brome <i>Bromus hordeaceus</i> Frequent</p> <p>Crested Dog's-tail <i>Cynosurus cristatus</i> Frequent</p> <p>Common Couch <i>Elymus repens</i> Frequent</p> <p>Perennial Rye-grass <i>Lolium perenne</i> Frequent</p> <p>Red Fescue <i>Festuca rubra</i> Locally frequent</p> <p>Sweet Vernal-grass <i>Anthoxanthum odoratum</i> Occasional</p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Occasional</p> <p>Cock's-foot <i>Dactylis glomerata</i> Occasional</p> <p>Wood Avens <i>Geum urbanum</i> Occasional</p> <p>Hogweed <i>Heracleum sphondylium</i> Occasional</p> <p>Timothy <i>Phleum pratense</i> Occasional</p> <p>Rough Meadow-grass <i>Poa trivialis</i> Occasional</p> <p>Selfheal <i>Prunella vulgaris</i> Occasional</p> <p>Goat's-beard <i>Tragopogon pratensis</i> Occasional</p> <p>White Clover <i>Trifolium repens</i> Occasional</p> <p>Creeping Buttercup <i>Ranunculus repens</i> Occasional</p> <p>Dandelion <i>Taraxacum</i> Occasional</p> <p>Common Mouse-ear <i>Cerastium fontanum</i> Occasional</p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Rare</p> <p>Willowherb <i>Epilobium sp.</i> Rare</p> <p>Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare</p> <p>Cat's-ear <i>Hypochaeris radicata</i> Rare</p> <p>Field Forget-me-not <i>Myosotis arvensis</i> Rare</p> <p>Dog roses <i>Rosa canina</i> Rare</p> <p>Broad-leaved Dock <i>Rumex obtusifolius</i> Rare</p> <p>Ragworts <i>Senecio</i> Rare</p> <p>Red Clover <i>Trifolium pratense</i> Rare</p> <p>Hairy Tare <i>Vicia hirsuta</i> Rare</p> <p>Common Vetch <i>Vicia sativa</i> Rare</p> <p>Curled Dock <i>Rumex crispus</i> Rare</p> <p><b>British National Grid (m):</b> 462353E, 302176N</p> <p><b>WGS84 (Lat/Long):</b> 52.6138°N, -1.0805°E</p>	
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<p><b>TN17</b></p>	<p><b>h2a5 190 Native species-rich hedgerow with trees (Hedge 3)</b></p> <p>Hedgerow with trees that surrounds field 2. Very variable hedge, shrub component from 1.5m to 4m tall, and 1.5 to 3.5m wide. South side blackthorn dominated, west and north more mixed with dogwood.</p> <p>There are trees for most of the length, with the hedge only being broken by a fence near the hospital car park and where it has been cleared behind residential gardens where bramble scrub is locally abundant.</p> <p><b>Condition: Good</b></p> <p><b>Species – Canopy</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Abundant  Sycamore <i>Acer pseudoplatanus</i> Occasional  Horse-chestnut <i>Aesculus hippocastanum</i> Rare  Ash <i>Fraxinus excelsior</i> Frequent  Common Lime <i>Tilia x europaea</i> Locally frequent</p> <p><b>Species – Understorey</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Wild Plum <i>Prunus domestica</i> Frequent  Blackthorn <i>Prunus spinosa</i> Locally abundant  Snowberry <i>Symphoricarpos albus</i> Locally frequent  Wild Cherry <i>Prunus avium</i> Locally frequent  Dogwood <i>Cornus sanguinea</i> Locally frequent  Ash <i>Fraxinus excelsior</i> Occasional  Elder <i>Sambucus nigra</i> Occasional  Field Maple <i>Acer campestre</i> Occasional  Hazel <i>Corylus avellana</i> Occasional  Field Maple <i>Acer campestre</i> Rare  Horse-chestnut <i>Aesculus hippocastanum</i> Rare  Cypresses <i>Cupressus</i> Rare  English Elm <i>Ulmus procera</i> Rare  Dog roses <i>Rosa canina</i> Rare  Cherry Laurel <i>Prunus laurocerasus</i> Occasional</p>	
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	<p><b>Species – Field layer</b></p> <p>Common Nettle <i>Urtica dioica</i> Abundant  Bramble <i>Rubus fruticosus agg</i> Locally abundant  Cow Parsley <i>Anthriscus sylvestris</i> Locally abundant  False Oat-grass <i>Arrhenatherum elatius</i> Locally frequent  Wood Dock <i>Rumex sanguineus</i> Occasional  Cleavers <i>Galium aparine</i> Occasional  Common Couch <i>Elymus repens</i> Occasional  Herb-Robert <i>Geranium robertianum</i> Occasional  Hedge Bindweed <i>Calystegia sepium</i> Occasional  Garlic Mustard <i>Alliaria petiolata</i> Rare  Black Bryony <i>Tamus communis</i> Rare  Great Willowherb <i>Epilobium hirsutum</i> Rare  Broad-leaved Dock <i>Rumex obtusifolius</i> Rare  Field Horsetail <i>Equisetum arvense</i> Rare</p> <p><b>British National Grid (m):</b> 462514E, 302092N  <b>WGS84 (Lat/Long):</b> 52.613°N, -1.0782°E</p>	
TN18	<p><b>Mature Trees - Ash &amp; Oak (Moderate)</b></p> <p>Ivy covered, oak with active woodpecker hole. Girth to 2.5m.</p> <p><b>British National Grid (m):</b> 462591E, 302078N  <b>WGS84 (Lat/Long):</b> 52.6129°N, -1.077°E</p>	
TN19	<p><b>Mature Trees - Oak (pLWS, Moderate)</b></p> <p>Two ivy covered mature oaks <i>Quercus robur</i> with the western most tree being at least 4m in girth so likely pLWS.</p> <p><b>British National Grid (m):</b> 462560E, 302072N  <b>WGS84 (Lat/Long):</b> 52.6128°N, -1.0775°E</p>	
TN20	<p><b>Mature Tree - Ash (pLWS, Moderate)</b></p>	



	<p>Ash tree <i>Fraxinus excelsior</i> to 30m, with gnarled trunk and potentially cavities. Girth to approx 3m.</p> <p><b>British National Grid (m):</b> 462496E, 302056N</p> <p><b>WGS84 (Lat/Long):</b> 52.6127°N, -1.0784°E</p>	
TN21	<p><b>Mature Tree - Oak (pLWS, Moderate)</b></p> <p>Oak <i>Quercus robur</i> to 30m. Ivy covered. Girth approx 4m. Small knot holes.</p> <p><b>British National Grid (m):</b> 462466E, 302055N</p> <p><b>WGS84 (Lat/Long):</b> 52.6127°N, -1.0789°E</p>	
TN22	<p><b>Mature Trees - Ash (low)</b></p> <p>Corner of mature ash trees with ivy covering, possibly suitable for bats.</p> <p><b>British National Grid (m):</b> 462365E, 302222N</p> <p><b>WGS84 (Lat/Long):</b> 52.6142°N, -1.0803°E</p>	
TN23	<p><b>u1e 69 Fence</b></p> <p>Fence with wire and wooden posts. Bordering hospital car park. Height 1.2m.</p> <p><b>British National Grid (m):</b> 462380E, 302187N</p> <p><b>WGS84 (Lat/Long):</b> 52.6139°N, -1.0801°E</p>	

## OAD\_004 – TARGET NOTES




<b>Project Name</b>	Oadby Wigston LWS OAD_004
<b>Date of Survey</b>	July 12, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	°C
<b>Cloud Cover</b>	80%
<b>Wind</b>	2 - Light breeze

Precipitation	No precipitation
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Target Note	Description	Photos
TN1	<p><b>g3c6 16 61 Other neutral grassland; Lolium-Cynosurus,</b> with tall herb and horse grazed Horse paddocks</p> <p><b>Condition: Moderate</b></p> <p>A series of small horse paddocks, divided by temporary fences, grazed in rotation. Cover 65% with large areas of bare, poached ground. Vegetation height from 0-10cm. Many tall weedy species in patches. Surrounded by wire fence. Standard scattered hawthorns in the northern most parcel.</p> <p><b>Species List</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Dominant  Creeping Buttercup <i>Ranunculus repens</i> Abundant  White Clover <i>Trifolium repens</i> Abundant  Greater Plantain <i>Plantago major</i> Abundant  Yorkshire-fog <i>Holcus lanatus</i> Frequent  Common Bent <i>Agrostis capillaris</i> Frequent  Yarrow <i>Achillea millefolium</i> Frequent  Thyme-leaved Speedwell <i>Veronica serpyllifolia</i> Frequent  Daisy <i>Bellis perennis</i> Frequent  Common Couch <i>Elymus repens</i> Frequent  Broad-leaved Dock <i>Rumex obtusifolius</i> Locally abundant  Common Nettle <i>Urtica dioica</i> Locally abundant  Horse-radish <i>Armoracia rusticana</i> Locally frequent  Ground-elder <i>Aegopodium podagraria</i> Locally frequent  Ribwort Plantain <i>Plantago lanceolata</i> Locally frequent  Tall Fescue <i>Schedonorus arundinaceus</i> Occasional  Common Ragwort <i>Senecio jacobaea</i> Occasional  Dandelion <i>Taraxacum sp.</i> Occasional  Wood Dock <i>Rumex sanguineus</i> Occasional  Field Bindweed <i>Convolvulus arvensis</i> Occasional  Selfheal <i>Prunella vulgaris</i> Occasional  Annual Meadow-grass <i>Poa annua</i> Occasional  Rough Meadow-grass <i>Poa trivialis</i> Occasional  Common Mouse-ear <i>Cerastium fontanum</i> Occasional  Knotgrass <i>Polygonum sp.</i> Occasional  Shepherd's-purse <i>Capsella bursa-pastoris</i> Occasional  Common Field-speedwell <i>Veronica persica</i> Occasional  Swine-cress <i>Lepidium coronopus</i> Occasional  Goosefoots <i>Chenopodium sp.</i> Occasional  Wood Avens <i>Geum urbanum</i> Rare  Common Ivy <i>Hedera helix</i> Rare  Lords-and-Ladies <i>Arum maculatum</i> Rare  Dove's-foot Crane's-bill <i>Geranium molle</i> Rare  Soft-brome <i>Bromus hordeaceus</i> Rare</p>	


	<p>Smooth Hawk's-beard <i>Crepis capillaris</i> Rare  Procumbent Pearlwort <i>Sagina procumbens</i> Rare  Lesser Trefoil <i>Trifolium dubium</i> Rare  Prickly Sow-thistle <i>Sonchus asper</i> Rare  Prickly Lettuce <i>Lactuca serriola</i> Rare  Groundsel <i>Senecio vulgaris</i> Rare  Meadow Buttercup <i>Ranunculus acris</i> Rare  Hogweed <i>Heracleum sphondylium</i> Rare  Slender Speedwell <i>Veronica filiformis</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Common Chickweed <i>Stellaria media</i> Rare  Perforate St John's-wort <i>Hypericum perforatum</i> Rare  Least Yellow-sorrel <i>Oxalis exilis</i> Rare  Broad-leaved Willowherb <i>Epilobium montanum</i> Rare  Petty Spurge <i>Euphorbia peplus</i> Rare  Red Clover <i>Trifolium pratense</i> Rare</p> <p><b>British National Grid (m):</b> 462589E, 301655N</p> <p><b>WGS84 (Lat/Long):</b> 52.6091°N, -1.0771°E</p>	
<b>TN2</b>	<p><b>h3f Hawthorn scrub</b></p> <p>Scattered hawthorn <i>Crataegus monogyna</i> standards to 6m tall. With ivy <i>Hedera helix</i> and elder <i>Sambucus nigra</i>.</p> <p><b>Condition: Poor</b></p> <p><b>British National Grid (m):</b> 462612E, 301719N</p> <p><b>WGS84 (Lat/Long):</b> 52.6097°N, -1.0768°E</p>	
<b>TN3</b>	<p><b>h2a5 190 Native species-rich hedgerow with trees</b></p> <p>Neglected hedgerow forming the western and southern boundaries, dividing the site from the pathway and gardens to the west. Scrubby at northern end. Average height Inc trees 15-20m. Width from 5m to 1.2m. Shrub layer sparse at southern end. Chicken coop and access gates at southern edge.</p> <p><b>Condition: Moderate</b></p> <p><b>Species List</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Ash <i>Fraxinus excelsior</i> Abundant  Common Ivy <i>Hedera helix</i> Abundant  Hornbeam <i>Carpinus betulus</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Frequent  Dog roses <i>Rosa canina</i> Occasional  Large Bindweed <i>Calystegia silvatica</i> Occasional  Garlic Mustard <i>Alliaria petiolata</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Occasional</p>	







	<p>Creeping Thistle <i>Cirsium arvense</i> Occasional  Cherry <i>Prunus sp.</i> Rare  Elder <i>Sambucus nigra</i> Rare  Hazel <i>Corylus avellana</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare  Wild Plum <i>Prunus domestica</i> Rare</p> <p><b>British National Grid (m):</b> 462597E, 301707N</p> <p><b>WGS84 (Lat/Long):</b> 52.6096°N, -1.077°E</p>	
<b>TN4</b>	<p><b>u1e 69 Fence</b></p> <p>Fences surround the paddocks. Made of wire with wooden posts. 1.2m tall. Species list is additional species found along the fence line, there are many of the grassland species present here too.</p> <p><b>Species List</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Locally frequent  Common Nettle <i>Urtica dioica</i> Locally frequent  Barren Brome <i>Anisantha sterilis</i> Locally frequent  Creeping Thistle <i>Cirsium arvense</i> Occasional  White Dead-nettle <i>Lamium album</i> Occasional  Prickly Sow-thistle <i>Sonchus asper</i> Rare  Dog roses <i>Rosa canina</i> Rare  Common Ragwort <i>Jacobaea vulgaris</i> Rare  Hedge Woundwort <i>Stachys sylvatica</i> Rare  Columbine <i>Aquilegia vulgaris</i> Rare  Purple Toadflax <i>Linaria purpurea</i> Rare  Ground-ivy <i>Glechoma hederacea</i> Rare</p> <p><b>British National Grid (m):</b> 462606E, 301657N</p> <p><b>WGS84 (Lat/Long):</b> 52.6091°N, -1.0769°E</p>	
<b>TN5</b>	<p>Mature Tree - Ash (Moderate)</p> <p>Ash tree with dense covering of ivy, possibly obscuring roosting features for bats.</p> <p><b>British National Grid (m):</b> 462575E, 301638N</p> <p><b>WGS84 (Lat/Long):</b> 52.6089°N, -1.0774°E</p>	
<b>TN6</b>	<p>u1 910 Outbuildings / Garden Allotment</p> <p>Area with stables and small garden on grassland parcel. Not grazed currently.</p> <p><b>British National Grid (m):</b> 462570E, 301588N</p> <p><b>WGS84 (Lat/Long):</b> 52.6085°N, -1.0774°E</p>	






**OAD\_005 – TARGET NOTES**




<b>Project Name</b>	<b>Oadby Wigston LWS - OAD_005</b>
<b>Date of Survey</b>	13 September 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	18°C
<b>Cloud Cover</b>	60%
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	No precipitation

Target Note	Description	Photos
<b>TN1</b>	<p><b>g3c5 Other neutral grassland; Arrhenatherum grassland</b></p> <p>Mesotrophic grassland that is dominated by <i>Arrhenatherum elatius</i> but with meadow indicators. Old ridge and furrow is very pronounced. Quite rank, with no grazing or cutting for at least ten years. Vegetation cover 100%, height approx 50cm. Tussocky and may be <b>suitable for reptiles</b>. More <i>Deschampsia cespitosa</i> toward the ditch. There are localised pockets of species richness but there are also large areas of species-poor <i>Arrhenatherum</i> grassland. Management should be resumed to maintain the species-rich areas and to help diversify the sward.</p> <p><b>Species</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Cock's-foot <i>Dactylis glomerata</i> Frequent  Common Couch <i>Elymus repens</i> Frequent  Common Bent <i>Agrostis capillaris</i> Frequent  Rough Meadow-grass <i>Poa trivialis</i> Rare  Crested Dog's-tail <i>Cynosurus cristatus</i> Rare  Timothy <i>Phleum pratense</i> Rare  Hairy Sedge <i>Carex hirta</i> Locally frequent  Hard Rush <i>Juncus inflexus</i> Rare  Tufted Hair-grass <i>Deschampsia cespitosa</i> Locally abundant  Meadow Foxtail <i>Alopecurus pratensis</i> Occasional  Yorkshire-fog <i>Holcus lanatus</i> Rare  Sweet Vernal-grass <i>Anthoxanthum odoratum</i> Rare  Tall Fescue <i>Schedonorus arundinaceus</i> Occasional</p> <p>Agrimony <i>Agrimonia eupatoria</i> Rare  Red Clover <i>Trifolium pratense</i> Occasional</p>	

	<p>Black Medick <i>Medicago lupulina</i> Rare  Meadow Buttercup <i>Ranunculus acris</i> Rare  Meadow Vetchling <i>Lathyrus pratensis</i> Frequent  Lesser Stitchwort <i>Stellaria graminea</i> Frequent  Common Sorrel <i>Rumex acetosa</i> Frequent  Red Fescue <i>Festuca rubra</i> Frequent  Common Nettle <i>Urtica dioica</i> Locally frequent  Great Willowherb <i>Epilobium hirsutum</i> Rare  Cleavers <i>Galium aparine</i> Rare  Ribwort Plantain <i>Plantago lanceolata</i> Occasional  Lady's Bedstraw <i>Galium verum</i> Frequent  Common Knapweed <i>Centaurea nigra</i> Locally frequent  Bramble <i>Rubus fruticosus</i> Occasional  Creeping Cinquefoil <i>Potentilla reptans</i> Rare  Silverweed <i>Potentilla anserina</i> Rare  Common Ragwort <i>Jacobaea vulgaris</i> Occasional  Field Bindweed <i>Convolvulus arvensis</i> Occasional  Horse-radish <i>Armoracia rusticana</i> Rare  Creeping Thistle <i>Cirsium arvense</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Common Bird's-foot-trefoil <i>Lotus corniculatus</i> Rare</p> <p><b>British National Grid (m):</b> 461391E, 301358N</p> <p><b>WGS84 (Lat/Long):</b> 52.6066°N, -1.0949°E</p>	
<b>TN2</b>	<p><b>h3a6 Other blackthorn scrub</b></p> <p>Blackthorn scrub that is encroaching on the grassland. Many suckers. Height is approx 3m.</p> <p><b>British National Grid (m):</b> 461414E, 301345N</p> <p><b>WGS84 (Lat/Long):</b> 52.6064°N, -1.0945°E</p>	
<b>TN3</b>	<p><b>h3d Bramble Scrub</b></p> <p>Bramble scrub is present in several places around the periphery of the site. With frequent common nettle <i>Urtica dioica</i> and large bindweed <i>Calystegia silvatica</i>. Cover 100%, height on average 65cm.</p> <p><b>British National Grid (m):</b> 461431E, 301320N</p> <p><b>WGS84 (Lat/Long):</b> 52.6062°N, -1.0943°E</p>	
<b>TN4</b>	<p><b>Ditch</b></p> <p>Culverted ditch/stream with running, clear water after heavy rain. Grey wagtail seen using the banks.</p> <p><b>Species</b></p> <p>Bittersweet <i>Solanum dulcamara</i> Rare  Pendulous Sedge <i>Carex pendula</i> Frequent  Common Nettle <i>Urtica dioica</i> Dominant  Hart's-tongue <i>Asplenium scolopendrium</i> Occasional</p>	


	<p>Hogweed <i>Heracleum sphondylium</i> Occasional</p> <p><b>British National Grid (m):</b> 461403E, 301291N</p> <p><b>WGS84 (Lat/Long):</b> 52.606°N, -1.0947°E</p>	
<b>TN5</b>	<p><b>h2a5 190 Species-rich native hedgerow with trees</b></p> <p>Hedge 1: This hedgerow forms the entire boundary of the site and is lightly managed once a year. There are many trees and the shrub component is well developed. Approx height of shrub is 3-4m, trees up to 20m. Cover 95%.</p> <p><b>Species</b></p> <p>Goat Willow <i>Salix caprea</i> Occasional  Ash <i>Fraxinus excelsior</i> Frequent  Field Maple <i>Acer campestre</i> Abundant  Wild Cherry <i>Prunus avium</i> Occasional  Blackthorn <i>Prunus spinosa</i> Locally frequent  Hawthorn <i>Crataegus monogyna</i> Frequent  Sycamore <i>Acer pseudoplatanus</i> Occasional  Bramble <i>Rubus fruticosus</i> Occasional  Small-leaved Snowberry <i>Symphoricarpos microphyllus</i>  Rare</p> <p>Dog roses <i>Rosa canina</i> Occasional  Guelder-rose <i>Viburnum opulus</i> Rare  Cherry Laurel <i>Prunus laurocerasus</i> Rare  English Elm <i>Ulmus procera</i> Occasional  Common Ivy <i>Hedera helix</i> Locally abundant  Crab Apple <i>Malus sylvestris</i> Rare  Elder <i>Sambucus nigra</i> Occasional  Cherry Plum <i>Prunus cerasifera</i> Rare</p> <p><b>British National Grid (m):</b> 461303E, 301220N</p> <p><b>WGS84 (Lat/Long):</b> 52.6053°N, -1.0962°E</p>	
<b>TN6</b>	<p><b>Mature Trees - Ash (Low)</b></p> <p>Two mature ash trees in hedge 1 that are covered in ivy and may provide roosting opportunities for bats.</p> <p><b>British National Grid (m):</b> 461303E, 301220N</p> <p><b>WGS84 (Lat/Long):</b> 52.6053°N, -1.0962°E</p>	
<b>TN7</b>	<p><b>Mature Tree - Ash (pLWS, Moderate)</b></p> <p>Mature ash tree with damaged limbs in hedge 1. Low suitability for roosting bats. Large dead trunk at the bottom of tree with heart rot cavity.</p> <p><b>British National Grid (m):</b> 461235E, 301241N</p>	




	<b>WGS84 (Lat/Long):</b> 52.6055°N, -1.0972°E	
<b>TN8</b>	<b>Fallen Tree - Hedge 2</b>  May be suitable for use by a range of invertebrates.  <b>British National Grid (m):</b> 461330E, 301276N  <b>WGS84 (Lat/Long):</b> 52.6058°N, -1.0958°E	
<b>TN9</b>	<b>h2a6 190 Native hedgerow with trees</b>  Hedge 2: Hawthorn and ash dominated smaller hedge that subdivides the two fields. Fallen tree and large ash tree within. Average height 2m, width 1.5-2m. Many ash seedlings and saplings.  <b>Species</b>  Ash <i>Fraxinus excelsior</i> Abundant Elder <i>Sambucus nigra</i> Occasional Dog roses <i>Rosa canina</i> Occasional Bramble <i>Rubus fruticosus</i> Occasional Hawthorn <i>Crataegus monogyna</i> Abundant English Elm <i>Ulmus procera</i> Rare Black Bryony <i>Tamus communis</i> Frequent  <b>British National Grid (m):</b> 461336E, 301275N  <b>WGS84 (Lat/Long):</b> 52.6058°N, -1.0957°E	
<b>TN10</b>	<b>Mature Tree - Ash (Moderate, pLWS)</b>  Mature ash tree with broken limbs and ivy covering. Girth above 3m. Likely LWS tree.  <b>British National Grid (m):</b> 461304E, 301309N  <b>WGS84 (Lat/Long):</b> 52.6061°N, -1.0962°E	
<b>TN11</b>	<b>Mature Tree - Turkey Oak (High)</b>  <i>Quercus cerris</i> in hedge 2 that has heart rot and clear holes in the trunk which may be suitable for bats. Also, large mammal hole beneath.  <b>British National Grid (m):</b> 461272E, 301324N  <b>WGS84 (Lat/Long):</b> 52.6063°N, -1.0967°E	



		
<b>TN12</b>	<p>Mammal hole beneath <i>Quercus cerris</i>. Fecal matter present.</p> <p><b>British National Grid (m):</b> 461276E, 301321N</p> <p><b>WGS84 (Lat/Long):</b> 52.6062°N, -1.0966°E</p>	
<b>TN14</b>	<p>w1g6 Lines of trees</p> <p>Many lines of planted silver birch <i>Betula pendula</i> that have been planted by the racecourse to coppice for building materials for the horse jumps. Planted directly into the grassland which is still present beneath. One or two scattered hawthorn <i>Crataegus monogyna</i> bushes. Ditch running beneath also.</p> <p><b>British National Grid (m):</b> 461402E, 301316N</p> <p><b>WGS84 (Lat/Long):</b> 52.6062°N, -1.0947°E</p>	

## OAD\_006 – TARGET NOTES



<b>Project Name</b>	Oadby & Wigston LWS - OAD_006
<b>Date of Survey</b>	28 September 2023
<b>Surveyor</b>	Tom Ward & Stephanie Bennett
<b>Temperature</b>	16°C
<b>Cloud Cover</b>	100%
<b>Wind</b>	3 - Gentle breeze
<b>Precipitation</b>	No precipitation



Target Note	Description	Photos
<b>TN1</b>	<p>r1 19 Pond (Priority Habitat)</p> <p>Pond surrounded by <i>Typha latifolia</i>. Used by mallards, moorhens, and waders. Water clarity is moderate, <i>Lemna</i> sp present at low quantity. Macrophytes are absent but marginal vegetation is present (see TN2).</p>	



	<p><b>British National Grid (m):</b> 464186E, 300051N</p> <p><b>WGS84 (Lat/Long):</b> 52.5945°N, -1.0539°E</p>	
<b>TN2</b>	<p>f2f Other swamps</p> <p>Marginal aquatic vegetation surrounding the main pond. Dominated by <i>Typha latifolia</i>.</p> <p><b>Species</b></p> <p>Bulrush <i>Typha latifolia</i> Dominant  Hard Rush <i>Juncus inflexus</i> Frequent  Soft-rush <i>Juncus effusus</i> Occasional  Gypsywort <i>Lycopus europaeus</i> Rare  Yellow Iris <i>Iris pseudacorus</i> Occasional  Tufted Hair-grass <i>Deschampsia cespitosa</i> Occasional  Silverweed <i>Potentilla anserina</i> Rare  False Fox-sedge <i>Carex otrubae</i> Rare  Jointed Rush <i>Juncus articulatus</i> Rare  Hairy Sedge <i>Carex hirta</i> Occasional</p> <p><b>British National Grid (m):</b> 464182E, 300037N</p> <p><b>WGS84 (Lat/Long):</b> 52.5944°N, -1.0539°E</p>	
<b>TN3</b>	<p>Schedule 9 - <i>Crocospia x crocosmiiflora</i></p> <p><b>British National Grid (m):</b> 464071E, 300051N</p> <p><b>WGS84 (Lat/Long):</b> 52.5945°N, -1.0556°E</p>	
<b>TN4</b>	<p>h3h Mixed scrub</p> <p>Mixed hawthorn, bramble and blackthorn scrub surrounds the pond on all sides. Between the scrub there are patches of <i>Arrhenatherum</i> grassland and the scrub grades in and out of these forming a nice ecotone. There is a good mixture of scrub, <i>Typha</i> and grassland surrounding the pond.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Bramble <i>Rubus fruticosus</i> Locally abundant  Blackthorn <i>Prunus spinosa</i> Locally abundant  Wild Cherry <i>Prunus avium</i> Occasional  Waterer's Cotoneaster <i>Cotoneaster watereri</i> Rare  Ash <i>Fraxinus excelsior</i> Occasional  Hazel <i>Corylus avellana</i> Occasional  Field Maple <i>Acer campestre</i> Locally frequent  Dog roses <i>Rosa canina</i> Occasional  Crab Apple <i>Malus sylvestris</i> Rare</p>	

	<p><b>British National Grid (m):</b> 464169E, 300107N</p> <p><b>WGS84 (Lat/Long):</b> 52.595°N, -1.0541°E</p>	
TN5	<p>g3c6 17 59 <i>Lolium-Cynosurus</i> neutral grassland with ruderals and cattle grazed</p> <p>Cattle grazed ridge and furrow MG6 grassland with consistent sward height approx. 7-15cm and around 10% <i>Cirsium arvense</i>. With dilapidated farm buildings and scattered hawthorn scrub. Green woodpecker seen.</p> <p><b>Species</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Abundant  Common Bent <i>Agrostis capillaris</i> Frequent  White Clover <i>Trifolium repens</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Frequent  Common Mouse-ear <i>Cerastium fontanum</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Locally frequent  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Crested Dog's-tail <i>Cynosurus cristatus</i> Occasional  Spear Thistle <i>Cirsium vulgare</i> Locally frequent  Cock's-foot <i>Dactylis glomerata</i> Occasional  Soft-rush <i>Juncus effusus</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Rare  Hard Rush <i>Juncus inflexus</i> Rare  Creeping Cinquefoil <i>Potentilla reptans</i> Rare  Common Sorrel <i>Rumex acetosa</i> Occasional  Red Clover <i>Trifolium pratense</i> Rare  Meadow Buttercup <i>Ranunculus acris</i> Rare  Glaucous Sedge <i>Carex flacca</i> Rare</p> <p><b>British National Grid (m):</b> 464008E, 300300N</p> <p><b>WGS84 (Lat/Long):</b> 52.5968°N, -1.0565°E</p>	
TN6	<p>h2a5 190 69</p> <p>Hedge 1: Hawthorn hedge dividing two fields and surrounding the southern field with fence on field side. Seems relatively recent as some bushes have tree guards on. Height 5-6m width is hard to specify as it goes on to become scrub/plantation woodland, but interior face is managed as a hedgerow. Cover 99%, good density.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Locally frequent  Wild Cherry <i>Prunus avium</i> Rare</p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Hazel <i>Corylus avellana</i> Frequent</p>	







	<p>Field Maple <i>Acer campestre</i> Frequent  Blackthorn <i>Prunus spinosa</i> Frequent  Apple <i>Malus domestica</i> Occasional  Dog roses <i>Rosa canina</i> Rare  Bramble <i>Rubus fruticosus</i> Abundant</p> <p><b>British National Grid (m):</b> 464096E, 300289N</p> <p><b>WGS84 (Lat/Long):</b> 52.5966°N, -1.0552°E</p>	
<b>TN7</b>	<p>r2b Other rivers and streams</p> <p>Washbrook stream passing through the site. Gravel bed with clear water flowing. Depth is approx. 30cm and channel width varies from 2m to 1m. Heavily shaded by scrub.</p> <p>Pendulous Sedge <i>Carex pendula</i> Rare  Brooklime <i>Veronica beccabunga</i> Occasional</p> <p><b>British National Grid (m):</b> 464202E, 300143N</p> <p><b>WGS84 (Lat/Long):</b> 52.5953°N, -1.0536°E</p>	
<b>TN8</b>	<p>h3h Mixed scrub</p> <p>Mixed scrub and glade that follows the path along the Wash Brook and surrounds the fields. Shrubs are mostly a similar age and eventually form the boundary to the southern field. There are scattered young ash trees with dieback and there is evidence of past coppicing of hazel. Ground flora indicative of localised enriched conditions.</p> <p><b>Species</b></p> <p>Guelder-rose <i>Viburnum opulus</i> Occasional  Hazel <i>Corylus avellana</i> Frequent  Hawthorn <i>Crataegus monogyna</i> Locally abundant  Field Maple <i>Acer campestre</i> Frequent  Ash <i>Fraxinus excelsior</i> Occasional  Dog roses <i>Rosa canina</i> Rare  Elder <i>Sambucus nigra</i> Rare  Holly <i>Ilex aquifolium</i> Rare  Blackthorn <i>Prunus spinosa</i> Occasional  Apple <i>Malus domestica</i> Rare  Pedunculate Oak <i>Quercus robur</i> Rare  Bramble <i>Rubus fruticosus</i> Frequent</p> <p><b>British National Grid (m):</b> 464065E, 300161N</p> <p><b>WGS84 (Lat/Long):</b> 52.5955°N, -1.0556°E</p>	
<b>TN9</b>	w1f7 Lowland mixed deciduous woodland	






	<p>Mixed ash and oak woodland known as Hoot Spinney. Many mature oak and ash trees. Good vertical structure with a clear canopy and shrub layer. Canopy height 25m. Cover 100%. Many fallen trees and much deadwood. Still worthy of LWS status. Bird boxes found throughout the woodland. Has a slightly damp element to it, with rare occurrences of <i>Salix fragilis</i> and <i>Filipendula ulmaria</i>.</p> <p><b>Species</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Abundant  Beech <i>Fagus sylvatica</i> Rare  Scots Pine <i>Pinus sylvestris</i> Rare  Ash <i>Fraxinus excelsior</i> Frequent  Wild Cherry <i>Prunus avium</i> Occasional  Crack-willow <i>Salix fragilis</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p>Elder <i>Sambucus nigra</i> Frequent  English Elm <i>Ulmus procera</i> Rare  Holly <i>Ilex aquifolium</i> Frequent  Hawthorn <i>Crataegus monogyna</i> Frequent  Hazel <i>Corylus avellana</i> Occasional  Honeysuckle <i>Lonicera periclymenum</i> Rare  Red currant <i>Ribes rubrum</i> Rare</p> <p>False Brome <i>Brachypodium sylvaticum</i> Occasional  Common Ivy <i>Hedera helix</i> Abundant  Bramble <i>Rubus fruticosus</i> Locally abundant  Common Nettle <i>Urtica dioica</i> Abundant  Hedge Woundwort <i>Stachys sylvatica</i> Occasional  Herb-Robert <i>Geranium robertianum</i> Frequent  Male-fern <i>Dryopteris filix-mas</i> Rare  Cleavers <i>Galium aparine</i> Occasional  Lords-and-Ladies <i>Arum maculatum</i> Rare  Stinking Iris <i>Iris foetidissima</i> Rare  Meadowsweet <i>Filipendula ulmaria</i> Rare  Wood Dock <i>Rumex sanguineus</i> Rare  Wood Avens <i>Geum urbanum</i> Occasional</p> <p><b>British National Grid (m):</b> 463977E, 300147N  <b>WGS84 (Lat/Long):</b> 52.5954°N, -1.0569°E</p>	
<p><b>TN10</b></p>	<p>Mature Tree - Ash (pLWS)</p> <p>Mature ash tree with girth to around 3m. Forks off into two main trunks, along the Wash Brook.</p> <p><b>British National Grid (m):</b> 463839E, 300236N  <b>WGS84 (Lat/Long):</b> 52.5962°N, -1.059°E</p>	




<p><b>TN11</b></p>	<p>h3d Bramble Scrub</p> <p>Neglected strip of land where bramble scrub predominates between residential gardens and hedge 2. There is also very small amount of g3c5 Arrhenatherum neutral grassland which is rank and beginning to scrub up. Dominated by bramble and nettle.</p> <p><b>British National Grid (m):</b> 463753E, 300324N</p> <p><b>WGS84 (Lat/Long):</b> 52.597°N, -1.0602°E</p>	
<p><b>TN12</b></p>	<p>g3c5 Arrhenatherum grassland</p> <p>Small amount of <i>Arrhenatherum elatius</i> (MG1) grassland between bramble scrub and hedge. No quadrats carried out. Cover 100%, sward height 45cm.</p> <p><b>Species</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Dominant  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Common Nettle <i>Urtica dioica</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Frequent  Cock's-foot <i>Dactylis glomerata</i> Occasional  Dove's-foot Crane's-bill <i>Geranium molle</i> Rare  Cleavers <i>Galium aparine</i> Rare  Creeping Cinquefoil <i>Potentilla reptans</i> Rare  Common Bent <i>Agrostis capillaris</i> Rare</p> <p><b>British National Grid (m):</b> 463752E, 300322N</p> <p><b>WGS84 (Lat/Long):</b> 52.597°N, -1.0602°E</p>	
<p><b>TN13</b></p>	<p>h2a Native hedgerow</p> <p>Hedge 2: Recently planted (c. 20 years) Hawthorn hedge to 2m tall by 2m wide. Cover 100%. Tree guards still in place.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Ash <i>Fraxinus excelsior</i> Occasional  Goat Willow <i>Salix caprea</i> Rare  Apple <i>Malus domestica</i> Rare  Bramble <i>Rubus fruticosus</i> Occasional  Field Maple <i>Acer campestre</i> Frequent  Hazel <i>Corylus avellana</i> Rare</p> <p>Common Ivy <i>Hedera helix</i> Abundant  Creeping Cinquefoil <i>Potentilla reptans</i> Occasional  Hairy Sedge <i>Carex hirta</i> Rare  Hard Rush <i>Juncus inflexus</i> Rare</p>	

	<p><b>British National Grid (m):</b> 463761E, 300429N</p> <p><b>WGS84 (Lat/Long):</b> 52.5979°N, -1.0601°E</p>	
<b>TN14</b>	<p>h3f Hawthorn scrub</p> <p>Scrub to 6m tall, dominated by Hawthorn with frequent bramble and occasional elder. Good edge with weedy grassland.</p> <p><b>British National Grid (m):</b> 463791E, 300565N</p> <p><b>WGS84 (Lat/Long):</b> 52.5992°N, -1.0596°E</p>	
<b>TN15</b>	<p>g3c5 10 11 17 Arrhenatherum neutral grassland with ruderals and scattered scrub</p> <p>Very rank and weedy MG1 grassland with <i>Cirsium arvense</i>, <i>Epilobium hirsutum</i>, <i>Urtica dioica</i>. Sward height 60cm. Cover 100%. Suitable for reptiles. One quadrat. Scattered trees also present. Buzzard seen overhead.</p> <p><b>Species</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Yarrow <i>Achillea millefolium</i> Occasional  Perennial Rye-grass <i>Lolium perenne</i> Rare  Creeping Thistle <i>Cirsium arvense</i> Locally frequent  Cock's-foot <i>Dactylis glomerata</i> Occasional  Common Nettle <i>Urtica dioica</i> Locally frequent  Cow Parsley <i>Anthriscus sylvestris</i> Frequent  Hogweed <i>Heracleum sphondylium</i> Rare  Common Ragwort <i>Senecio jacobaea</i> Rare  Prickly Sow-thistle <i>Sonchus asper</i> Rare  Dandelion <i>Taraxacum</i> Rare  Great Willowherb <i>Epilobium hirsutum</i> Locally frequent  White Champion <i>Silene latifolia</i> Rare  Field Horsetail <i>Equisetum arvense</i> Rare  Creeping Cinquefoil <i>Potentilla reptans</i> Occasional  Soft-brome <i>Bromus hordeaceus</i> Rare  Goat's-beard <i>Tragopogon pratensis</i> Rare  Cat's-ear <i>Hypochaeris radicata</i> Rare  Large Bindweed <i>Calystegia silvatica</i> Rare  Cleavers <i>Galium aparine</i> Rare  Red Fescue <i>Festuca rubra</i> Occasional</p> <p><b>British National Grid (m):</b> 463794E, 300526N</p> <p><b>WGS84 (Lat/Long):</b> 52.5988°N, -1.0596°E</p>	
<b>TN16</b>	<p>g3c6 Lolium-Cynosurus neutral grassland</p>	

	<p>Field 2: Not accessed due to cattle. Species list made from boundary and associated field 1.</p> <p><b>Species</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Abundant  Common Bent <i>Agrostis capillaris</i> Frequent  White Clover <i>Trifolium repens</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Frequent  Common Mouse-ear <i>Cerastium fontanum</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Locally frequent  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Crested Dog's-tail <i>Cynosurus cristatus</i> Occasional  Spear Thistle <i>Cirsium vulgare</i> Locally frequent  Cock's-foot <i>Dactylis glomerata</i> Occasional  Soft-rush <i>Juncus effusus</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Rare  Hard Rush <i>Juncus inflexus</i> Rare  Creeping Cinquefoil <i>Potentilla reptans</i> Rare  Common Sorrel <i>Rumex acetosa</i> Occasional  Red Clover <i>Trifolium pratense</i> Rare  Meadow Buttercup <i>Ranunculus acris</i> Rare  Glaucous Sedge <i>Carex flacca</i> Rare  <b>British National Grid (m):</b> 463885E, 300454N   <b>WGS84 (Lat/Long):</b> 52.5982°N, -1.0582°E</p>	
<p><b>TN17</b></p>	<p>11 Scattered trees</p> <p>Young ash and oak trees within g3c5 grassland. Height to 7m.</p> <p><b>British National Grid (m):</b> 463870E, 300595N   <b>WGS84 (Lat/Long):</b> 52.5994°N, -1.0584°E</p>	
<p><b>TN18</b></p>	<p>w1g Line of Trees / Plantation Woodland</p> <p>Associated with the scrub along the washbrook is a section toward the east where more ash trees have been planted and is here considered as line of trees or plantation woodland. Cover 99%, height approx 10m. Ground flora is sparse with a mixture of bare ground cleavers and nettles.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant  Guelder-rose <i>Viburnum opulus</i> Occasional  Hazel <i>Corylus avellana</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Occasional  Field Maple <i>Acer campestre</i> Frequent  Pedunculate Oak <i>Quercus robur</i> Rare  Apple <i>Malus domestica</i> Rare</p> <p>Common Nettle <i>Urtica dioica</i> Abundant  Cleavers <i>Galium aparine</i> Occasional</p>	



	<p>Wood Avens <i>Geum urbanum</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Occasional  Herb-Robert <i>Geranium robertianum</i> Rare  Cock's-foot <i>Dactylis glomerata</i> Frequent  White Bryony <i>Bryonia dioica</i> Rare</p> <p><b>British National Grid (m):</b> 464187E, 300151N</p> <p><b>WGS84 (Lat/Long):</b> 52.5954°N, -1.0538°E</p>	
<p><b>TN19</b></p>	<p>g3c5 <i>Arrhenatherum</i> neutral grassland / g3c7 <i>Deschampsia</i> neutral grassland</p> <p>Grassland that is mostly g3c5 with localised elements of g3c7. Forms a large grassy ride at the entrance to the site and also continues around the periphery of the pond. The sward is mostly to 55cm, 95% cover and seemingly unmanaged, however species diversity is higher than other grasslands on site. There are also scattered ash trees associated with this grassland near the entrance, as well as nettle beds. Five quadrats.</p> <p><b>Species</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Perennial Rye-grass <i>Lolium perenne</i> Frequent  Cock's-foot <i>Dactylis glomerata</i> Frequent  Tufted Hair-grass <i>Deschampsia cespitosa</i> Locally abundant  Timothy <i>Phleum pratense</i> Occasional  Red Fescue <i>Festuca rubra</i> Frequent  Yorkshire-fog <i>Holcus lanatus</i> Frequent  Common Couch <i>Elymus repens</i> Occasional</p> <p>Lady's Bedstraw <i>Galium verum</i> Frequent  Common Knapweed <i>Centaurea nigra</i> Frequent  Common Sorrel <i>Rumex acetosa</i> Occasional  Meadow Crane's-bill <i>Geranium pratense</i> Abundant  Creeping Cinquefoil <i>Potentilla reptans</i> Occasional  Common Bird's-foot-trefoil <i>Lotus corniculatus</i> Frequent  Yarrow <i>Achillea millefolium</i> Occasional  Red Clover <i>Trifolium pratense</i> Frequent  Meadow Vetchling <i>Lathyrus pratensis</i> Locally frequent  Cow Parsley <i>Anthriscus sylvestris</i> Occasional  Common Nettle <i>Urtica dioica</i> Locally frequent  Dandelion <i>Taraxacum</i> Occasional  Common Ragwort <i>Jacobaea vulgaris</i> Rare  Greater Plantain <i>Plantago major</i> Occasional  Ribwort Plantain <i>Plantago lanceolata</i> Occasional  Bittersweet <i>Solanum dulcamara</i> Rare  Smooth Hawk's-beard <i>Crepis capillaris</i> Rare  Tufted Vetch <i>Vicia cracca</i> Occasional  Betony <i>Stachys officinalis</i> Occasional</p>	




	<p>Oxeye Daisy <i>Leucanthemum vulgare</i> Occasional Creeping Thistle <i>Cirsium arvense</i> Occasional</p> <p><b>British National Grid (m):</b> 464208E, 300097N</p> <p><b>WGS84 (Lat/Long):</b> 52.5949°N, -1.0535°E</p>	
<b>TN20</b>	<p>Scattered trees - Ash</p> <p>There are numerous scattered semi-mature ash trees within grassland near entrance. Height to 11m.</p> <p><b>British National Grid (m):</b> 464225E, 300099N</p> <p><b>WGS84 (Lat/Long):</b> 52.5949°N, -1.0533°E</p>	
<b>TN21</b>	<p>Mature Tree - Ash (pLWS)</p> <p>Mature ash tree on the bank of the Wash Brook. Covered in Ivy. Very large trunk at base approx 3m girth. Suitable for selection as LWS but likely included in Wash Brook LWS (?).</p> <p><b>British National Grid (m):</b> 464203E, 300127N</p> <p><b>WGS84 (Lat/Long):</b> 52.5952°N, -1.0536°E</p>	
<b>TN22</b>	<p>h3d Bramble Scrub</p> <p>Bramble scrub over grassland near entrance to the carpark. Cover 100%, height 65-100cm. With dog rose <i>Rosa canina</i> and ash saplings.</p> <p><b>British National Grid (m):</b> 464227E, 300002N</p> <p><b>WGS84 (Lat/Long):</b> 52.594°N, -1.0533°E</p>	
<b>TN23</b>	<p>11 Scattered trees</p> <p>Field maple <i>Acer campestre</i> over grassland at nature reserve entrance. Semi-mature, height to 10m. Oversailing grassland beneath.</p> <p><b>British National Grid (m):</b> 464216E, 299987N</p> <p><b>WGS84 (Lat/Long):</b> 52.5939°N, -1.0534°E</p>	
<b>TN24</b>	<p>h3f Hawthorn scrub</p> <p>Hawthorn scrub with frequent bramble and rare elder. Height to 7m with good edge to grassland.</p> <p><b>British National Grid (m):</b> 464223E, 299964N</p> <p><b>WGS84 (Lat/Long):</b> 52.5937°N, -1.0533°E</p>	
<b>TN25</b>	<p>h2a Native hedgerow</p> <p>Planted native hedgerow on the site boundary near entrance that also surrounds the carpark. Seems to be</p>	




	<p>recently planted, with a mixture of native species. Cover 100% width from 2m to 4.5m, height to 7m.</p> <p><b>Species</b></p> <p>Field Maple <i>Acer campestre</i> Abundant  Hazel <i>Corylus avellana</i> Occasional  Dog roses <i>Rosa canina</i> Frequent  Hawthorn <i>Crataegus monogyna</i> Rare  Bramble <i>Rubus fruticosus</i> Frequent  Ash <i>Fraxinus excelsior</i> Locally frequent  Elder <i>Sambucus nigra</i> Occasional  Goat Willow <i>Salix caprea</i> Rare</p> <p><b>British National Grid (m):</b> 464217E, 299991N</p> <p><b>WGS84 (Lat/Long):</b> 52.5939°N, -1.0534°E</p>	
<p><b>TN26</b></p>	<p>w1g 36 Other woodland; Broadleaved, plantation</p> <p>Plantation woodland to 18m high with 100% cover. Planted in lines with tree guards and all of a similar age. Very little deadwood other than twigs, no browsing damage or signs of nutrient enrichment. Ground flora is very sparse, mostly bare ground with cow parsley.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Dominant  Pedunculate Oak <i>Quercus robur</i> Occasional</p> <p>Field Maple <i>Acer campestre</i> Abundant  Blackthorn <i>Prunus spinosa</i> Occasional  Apple <i>Malus domestica</i> Rare  Hazel <i>Corylus avellana</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Frequent  Elder <i>Sambucus nigra</i> Occasional  Guelder-rose <i>Viburnum opulus</i> Occasional  Wild Privet <i>Ligustrum vulgare</i> Occasional</p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Frequent  Wood Avens <i>Geum urbanum</i> Rare  Common Nettle <i>Urtica dioica</i> Occasional  Hedge Woundwort <i>Stachys sylvatica</i> Rare</p> <p><b>British National Grid (m):</b> 463856E, 300651N</p> <p><b>WGS84 (Lat/Long):</b> 52.5999°N, -1.0586°E</p>	
<p><b>TN27</b></p>	<p>Mature Tree - Ash (LWS)</p> <p>Mature ash tree with girth to 3m and ivy covering. LWS.</p> <p><b>British National Grid (m):</b> 464505E, 299938N</p>	








	<b>WGS84 (Lat/Long):</b> 52.5934°N, -1.0492°E	
<b>TN28</b>	w1g 36 Continued plantation woodland. <b>British National Grid (m):</b> 464521E, 299871N <b>WGS84 (Lat/Long):</b> 52.5928°N, -1.049°E	
<b>TN29</b>	h3h Mixed scrub Continued mixed scrub, as other parcels. <b>British National Grid (m):</b> 464506E, 299829N <b>WGS84 (Lat/Long):</b> 52.5925°N, -1.0492°E	
<b>TN30</b>	h2a5 190 Species-rich native hedgerow with trees (pLWS)  Hedge 4: Pathway ride between edge of the woodland and hedgerow. Recorded as hedge but it is also partially the ecotone between the woodland and hedge boundary. Width varies from 1.5-4m. Height varies from 1.5 to 7m.  <b>Species</b>  Ash <i>Fraxinus excelsior</i> Frequent Field Maple <i>Acer campestre</i> Frequent Wych Elm <i>Ulmus glabra</i> Frequent Dogwood <i>Cornus sanguinea</i> Occasional Buckthorn <i>Rhamnus cathartica</i> Rare Pedunculate Oak <i>Quercus robur</i> Occasional Elder <i>Sambucus nigra</i> Occasional Hawthorn <i>Crataegus monogyna</i> Abundant Common Ivy <i>Hedera helix</i> Locally abundant Holly <i>Ilex aquifolium</i> Rare Guelder-rose <i>Viburnum opulus</i> Rare Bramble <i>Rubus fruticosus</i> Frequent Dog roses <i>Rosa canina</i> Occasional Blackthorn <i>Prunus spinosa</i> Occasional Aspen <i>Populus tremula</i> Rare Crab Apple <i>Malus sylvestris</i> Rare Bramble <i>Rubus fruticosus</i> Locally abundant  Common Nettle <i>Urtica dioica</i> Frequent Giant Fescue <i>Schedonorus giganteus</i> Frequent False Brome <i>Brachypodium sylvaticum</i> Occasional Hedge Woundwort <i>Stachys sylvatica</i> Occasional Wood Dock <i>Rumex sanguineus</i> Occasional Cow Parsley <i>Anthriscus sylvestris</i> Frequent Wood Avens <i>Geum urbanum</i> Frequent Lords-and-Ladies <i>Arum maculatum</i> Rare Herb-Robert <i>Geranium robertianum</i> Occasional Timothy <i>Phleum pratense</i> Occasional	 



	<p>Black Bryony <i>Tamus communis</i> Occasional  Red Champion <i>Silene dioica</i> Rare  Germander Speedwell <i>Veronica chamaedrys</i> Rare  Annual Meadow-grass <i>Poa annua</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Locally frequent  Cock's-foot <i>Dactylis glomerata</i> Locally frequent  Raspberry <i>Rubus idaeus</i> Rare  Hairy St John's-wort <i>Hypericum hirsutum</i> Rare  Nipplewort <i>Lapsana communis</i> Rare  Male-fern <i>Dryopteris filix-mas</i> Rare  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Silverweed <i>Potentilla anserina</i> Occasional</p> <p><b>British National Grid (m):</b> 464314E, 299669N  <b>WGS84 (Lat/Long):</b> 52.591°N, -1.0521°E</p>	
<b>TN31</b>	<p>Mature Tree - Oak (pLWS)</p> <p>Mature oak tree with multiple main trunks and girth approx. 3.2m. May be suitable for selection as LWS. Rooks present.</p> <p><b>British National Grid (m):</b> 464078E, 299357N  <b>WGS84 (Lat/Long):</b> 52.5883°N, -1.0556°E</p>	
<b>TN32</b>	<p>Mammal runs</p> <p>Too dense to check but various runs throughout scrub areas. Reptile amphib suitability</p> <p>British National Grid (m): 464239E, 299976N  WGS84 (Lat/Long): 52.5938°N, -1.0531°E</p>	
<b>TN33</b>	<p>T1 mature ash</p> <p>Snapped branches, knotholes mod climb</p> <p>British National Grid (m): 464227E, 300122N  WGS84 (Lat/Long): 52.5951°N, -1.0533°E</p>	



		
<b>TN34</b>	<p>T2 mature ash ivy cover knot holes</p> <p>British National Grid (m): 464208E, 300140N</p> <p>WGS84 (Lat/Long): 52.5953°N, -1.0535°E</p>	
<b>TN35</b>	<p>Mammal runs into dense blackthorn</p> <p>British National Grid (m): 464192E, 300116N</p> <p>WGS84 (Lat/Long): 52.5951°N, -1.0538°E</p>	
<b>TN36</b>	<p>T3 mature oak could access to properly inspect ivy cover obscuring and scrub</p> <p>British National Grid (m): 464145E, 300022N</p> <p>WGS84 (Lat/Long): 52.5942°N, -1.0545°E</p>	

		
<b>TN37</b>	<p>Bat box on oak</p> <p>British National Grid (m): 464032E, 300071N</p> <p>WGS84 (Lat/Long): 52.5947°N, -1.0561°E</p>	
<b>TN38</b>	<p>T4 mature oak can't see to crown low climb</p> <p>British National Grid (m): 464046E, 300068N</p> <p>WGS84 (Lat/Long): 52.5947°N, -1.0559°E</p>	
<b>TN39</b>	<p>T5. Tree pollarded flaking bark and bat box</p> <p>British National Grid (m): 464053E, 300064N</p> <p>WGS84 (Lat/Long): 52.5946°N, -1.0558°E</p>	



		
<p><b>TN40</b></p>	<p>T6 mature oak split on branch can't see to crown</p> <p>British National Grid (m): 464054E, 300076N</p> <p>WGS84 (Lat/Long): 52.5947°N, -1.0558°E</p>	
<p><b>TN41</b></p>	<p>T7 mature oak can't assess crown ivy obscuring low</p> <p>British National Grid (m): 464053E, 300075N</p> <p>WGS84 (Lat/Long): 52.5947°N, -1.0558°E</p>	







<p><b>TN42</b></p>	<p>T8 mature oak splits on branches and dead branches mod climb</p> <p>British National Grid (m): 464050E, 300098N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.0559°E</p>	
<p><b>TN43</b></p>	<p>T9 standing deadwood with numerous holes and wounds high</p> <p>British National Grid (m): 464051E, 300095N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.0559°E</p>	



		
<p><b>TN44</b></p>	<p>T10 deadwood with large cavities high</p> <p>British National Grid (m): 464064E, 300094N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.0557°E</p>	
<p><b>TN45</b></p>	<p>T11 deadwood extensive holes high</p> <p>British National Grid (m): 464043E, 300091N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.056°E</p>	





		
<p><b>TN46</b></p>	<p>T12 deadwood felled hole at top high</p> <p>British National Grid (m): 464040E, 300088N</p> <p>WGS84 (Lat/Long): 52.5948°N, -1.056°E</p>	










<p><b>TN47</b></p>	<p>T13 deadwood with bark coming away from top limb mod</p> <p>British National Grid (m): 464042E, 300090N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.056°E</p>	 <p>The first photograph shows a close-up of a tree limb where the bark is peeling away, revealing the underlying wood. The second photograph shows a similar view from a slightly different angle, highlighting the extent of the deadwood and the peeling bark.</p>
<p><b>TN48</b></p>	<p>T14 oak with potential cavity climb</p> <p>British National Grid (m): 464027E, 300107N</p> <p>WGS84 (Lat/Long): 52.595°N, -1.0562°E</p>	 <p>The photograph shows a tall oak tree with a dense canopy of green leaves. The trunk is visible, and there is a potential cavity climb area near the top of the tree.</p>





		
<p><b>TN49</b></p>	<p>T15 deadwood collapsed has cavities and wounds on underneath</p> <p>British National Grid (m): 464012E, 300092N</p> <p>WGS84 (Lat/Long): 52.5949°N, -1.0564°E</p>	 
<p><b>TN50</b></p>	<p>T16 collapsed deadwood flaking bark and woodpecker hole</p> <p>British National Grid (m): 464014E, 300112N</p> <p>WGS84 (Lat/Long): 52.5951°N, -1.0564°E</p>	  



<p><b>TN51</b></p>	<p>T17 oak with wound and deadwood on trunk</p> <p>British National Grid (m): 464004E, 300112N</p> <p>WGS84 (Lat/Long): 52.5951°N, -1.0565°E</p>	
<p><b>TN52</b></p>	<p>T18 oak with deadwood branch with split</p> <p>British National Grid (m): 463999E, 300116N</p> <p>WGS84 (Lat/Long): 52.5951°N, -1.0566°E</p>	

		
<p><b>TN53</b></p>	<p>Running ditch at edge of spinney</p> <p>British National Grid (m): 463983E, 300152N</p> <p>WGS84 (Lat/Long): 52.5954°N, -1.0568°E</p>	 
<p><b>TN54</b></p>	<p>T19 oak with potential wound</p> <p>British National Grid (m): 463963E, 300137N</p> <p>WGS84 (Lat/Long): 52.5953°N, -1.0571°E</p>	



		
<p><b>TN55</b></p>	<p>T20 willow with holes and broken branches</p> <p>British National Grid (m): 463931E, 300182N</p> <p>WGS84 (Lat/Long): 52.5957°N, -1.0576°E</p>	 
<p><b>TN56</b></p>	<p>T21 willow with broken limbs and cavity</p> <p>British National Grid (m): 463933E, 300176N</p> <p>WGS84 (Lat/Long): 52.5956°N, -1.0576°E</p>	



		
<b>TN57</b>	<p>T22 ash with split branches</p> <p>British National Grid (m): 463863E, 300220N</p> <p>WGS84 (Lat/Long): 52.5961°N, -1.0586°E</p>	
<b>TN58</b>	<p>Top field</p> <p>British National Grid (m): 463802E, 300260N</p> <p>WGS84 (Lat/Long): 52.5964°N, -1.0595°E</p>	
<b>TN61</b>	<p>T23 mature ash with wound hole on branch</p> <p>British National Grid (m): 463908E, 300340N</p> <p>WGS84 (Lat/Long): 52.5971°N, -1.0579°E</p>	

		
<p><b>TN62</b></p>	<p>Three buildings with low potential</p> <p>British National Grid (m): 463932E, 300356N</p> <p>WGS84 (Lat/Long): 52.5973°N, -1.0576°E</p>	  

		
<p><b>TN64</b></p>	<p>Well used run into scrub</p> <p>British National Grid (m): 464322E, 300059N</p> <p>WGS84 (Lat/Long): 52.5945°N, -1.0519°E</p>	
<p><b>TN65</b></p>	<p>T23 ash with wounds on trunk field boundary</p>	




	<p>British National Grid (m): 464430E, 299987N</p> <p>WGS84 (Lat/Long): 52.5939°N, -1.0503°E</p>	
<p><b>TN66</b></p>	<p>T24 ash with ivy obscuring trunk and any potential features</p> <p>British National Grid (m): 464445E, 299985N</p> <p>WGS84 (Lat/Long): 52.5939°N, -1.0501°E</p>	
<p><b>TN67</b></p>	<p>T25 Ash large cavity</p> <p>British National Grid (m): 464507E, 299935N</p> <p>WGS84 (Lat/Long): 52.5934°N, -1.0492°E</p>	




		
<p><b>TN68</b></p>	<p>T26 Beech? Peeling bark snapped branches</p> <p>British National Grid (m): 464518E, 299880N</p> <p>WGS84 (Lat/Long): 52.5929°N, -1.049°E</p>	
<p><b>TN69</b></p>	<p>T27 Ash with lots of decay</p> <p>British National Grid (m): 464517E, 299872N</p> <p>WGS84 (Lat/Long): 52.5928°N, -1.049°E</p>	



		
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## OAD\_007 - TARGET NOTES



<b>Project Name</b>	<b>Oadby Wigston LWS (OAD_007)</b>
<b>Date of Survey</b>	May 16, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	15°C
<b>Cloud Cover</b>	
<b>Wind</b>	3 - Gentle breeze
<b>Precipitation</b>	No precipitation

Target Note	Description	Photos
<b>TN1</b>	<p>Species-rich native hedgerow with trees and associated ditch</p> <p>Hedge 1 - h2a5 190 191 (cLWS)</p> <p>Condition: Good</p> <p>Mixed, species-rich double hedgerow. Standard <i>Fraxinus</i> and <i>Salix</i> frequent. Shrub layer 5m wide by 5m tall. Canopy cover 100%. Not stock proof, vertical gappiness to 5%. Has wet ditch 75cm between two woody linear features. <i>Cotoneaster bullatus</i> (Schedule 9) at SP6287399000</p> <p><b>Species List – Woody</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant                      Hawthorn <i>Crataegus monogyna</i> Abundant                      Crack-willow <i>Salix fragilis</i> Frequent                      Bramble <i>Rubus fruticosus agg</i> Frequent</p>	

	<p>Dog roses <i>Rosa canina</i> Locally frequent  Elder <i>Sambucus nigra</i> Occasional  Apple <i>Malus domestica</i> Occasional  Field Maple <i>Acer campestre</i> Occasional  Yew <i>Taxus baccata</i> Rare  Hazel <i>Corylus avellana</i> Rare  Holly <i>Ilex aquifolium</i> Rare  English Elm <i>Ulmus procera</i> Rare  Hollyberry Cotoneaster <i>Cotoneaster bullatus</i> Rare</p> <p><b>Species List - Field Layer</b></p> <p>Barren Brome <i>Anisantha sterilis</i> Frequent  Cleavers <i>Galium aparine</i> Locally abundant  Cow Parsley <i>Anthriscus sylvestris</i> Locally abundant  Common Nettle <i>Urtica dioica</i> Locally frequent  Garlic Mustard <i>Alliaria petiolata</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Occasional  Wood Avens <i>Geum urbanum</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Wood Dock <i>Rumex sanguineus</i> Occasional  White Dead-nettle <i>Lamium album</i> Occasional  Pendulous Sedge <i>Carex pendula</i> Occasional  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare  Herb-Robert <i>Geranium robertianum</i> Rare</p> <p><b>British National Grid (m):</b> 462745E, 298955N  <b>WGS84 (Lat/Long):</b> 52.5848°N, -1.0753°E</p>	
<b>TN2</b>	<p>Mature Trees - Ash (Moderate)</p> <p><i>Fraxinus</i> trees in hedgerow 1. Ivy covered, moderate suitability for bats.</p> <p><b>British National Grid (m):</b> 462666E, 298940N  <b>WGS84 (Lat/Long):</b> 52.5847°N, -1.0765°E</p>	
<b>TN3</b>	<p>Mature Tree - Ash (Moderate)</p> <p><i>Hedera</i> covered mature <i>Fraxinus</i></p> <p><b>British National Grid (m):</b> 462604E, 298959N  <b>WGS84 (Lat/Long):</b> 52.5849°N, -1.0774°E</p>	
<b>TN4</b>	<p>Native hedgerow with trees and associated ditch;  active management; flailed</p> <p>Hedge 2 - h2a 190 191 75 81</p> <p>Condition: Good</p>	




	<p><i>Crataegus</i> dominated hedgerow. Cover 100%. 2m high by 3m wide. Ditch on south side then direct to arable. Herbaceous strip on north side. Minimal gaps to 5%, mostly stockproof.</p> <p><b>Species List – Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant          Ash <i>Fraxinus excelsior</i> Frequent          Common Ivy <i>Hedera helix</i> Frequent          Elder <i>Sambucus nigra</i> Occasional          Cherry Plum <i>Prunus cerasifera</i> Occasional          English Elm <i>Ulmus procera</i> Occasional          Dog roses <i>Rosa canina</i> Occasional          Field Maple <i>Acer campestre</i> Occasional          Apple <i>Malus domestica</i> Rare          Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p><b>Species List – Field layer</b></p> <p>Barren Brome <i>Anisantha sterilis</i> Abundant          Wood Dock <i>Rumex sanguineus</i> Frequent          Cow Parsley <i>Anthriscus sylvestris</i> Locally frequent          Cleavers <i>Galium aparine</i> Locally frequent          Creeping Thistle <i>Cirsium arvense</i> Locally frequent          Wood Avens <i>Geum urbanum</i> Locally frequent          Creeping Buttercup <i>Ranunculus repens</i> Occasional          Hogweed <i>Heracleum sphondylium</i> Occasional          Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare          White Bryony <i>Bryonia dioica</i> Rare</p> <p><b>British National Grid (m):</b> 462427E, 298923N</p> <p><b>WGS84 (Lat/Long):</b> 52.5846°N, -1.08°E</p>	
<p><b>TN5</b></p>	<p>Mature Tree - Crack-willow (Moderate)</p> <p>Mature <i>Salix fragilis</i>. Split limb can't see a cavity, and ivy covered. Multi-stemmed, cLWS?</p> <p><b>British National Grid (m):</b> 462957E, 299052N</p> <p><b>WGS84 (Lat/Long):</b> 52.5857°N, -1.0722°E</p>	
<p><b>TN6</b></p>	<p>Scattered Trees</p> <p>Scattered Trees (11) within crop field (c1c7)</p>	

	<p>Condition: Moderate</p> <p><b>Species List</b></p> <p>Common Nettle <i>Urtica dioica</i> Abundant          Ash <i>Fraxinus excelsior</i> Dominant          Great Willowherb <i>Epilobium hirsutum</i> Frequent          English Elm <i>Ulmus procera</i> Occasional          Hawthorn <i>Crataegus monogyna</i> Occasional          Bramble <i>Rubus fruticosus</i> agg Occasional</p> <p><b>British National Grid (m):</b> 462718E, 299008N</p> <p><b>WGS84 (Lat/Long):</b> 52.5853°N, -1.0757°E</p>	
<p><b>TN7</b></p>	<p>Mature Trees - Ash (Moderate)</p> <p>Mature <i>Fraxinus</i> to 30m with large knot hole.</p> <p><b>British National Grid (m):</b> 462320E, 299119N</p> <p><b>WGS84 (Lat/Long):</b> 52.5863°N, -1.0816°E</p>	
<p><b>TN8</b></p>	<p>Mature Trees - Ash (High)</p> <p>Two mature <i>Fraxinus</i> with features. One is large and has knot holes, cavities and woodpecker holes. The other is damaged and only 6m high but has a large cavity. Girth of western tree to 3m, already CLWS trees.</p> <p><b>British National Grid (m):</b> 462335E, 299134N</p> <p><b>WGS84 (Lat/Long):</b> 52.5865°N, -1.0814°E</p>	
<p><b>TN9</b></p>	<p>Mature Tree - Oak (Low)</p>	

	<p>Mature <i>Quercus</i> sp. to 30m. No obvious large wounds or cavities. Small amount of dead wood on some limbs.</p> <p><b>British National Grid (m):</b> 462349E, 299136N</p> <p><b>WGS84 (Lat/Long):</b> 52.5865°N, -1.0812°E</p>	
<p><b>TN10</b></p>	<p>Arable and Horticulture; Neglected</p> <p>c1 77</p> <p>Neglected corner of field where manure heap is kept. Evidence of regular disturbance by machinery. Mostly annual and ruderal species. Dominated by <i>Anisantha sterilis</i>. Cover 90%. Height varied 35cm (50%), 5-15cm (50%).</p> <p><b>Species List</b></p> <p>Barren Brome <i>Anisantha sterilis</i> Dominant  Soft-brome <i>Bromus hordeaceus</i> Abundant  Creeping Bent <i>Agrostis stolonifera</i> Frequent  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional  Ash (Seedling) <i>Fraxinus excelsior</i> (s) Occasional  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Common Vetch <i>Vicia sativa</i> Occasional  Greater Plantain <i>Plantago major</i> Rare  Dandelion <i>Taraxacum agg</i> Rare  Hoary Ragwort <i>Senecio erucifolius</i> Rare  Ribwort Plantain <i>Plantago lanceolata</i> Rare  White Clover <i>Trifolium repens</i> Rare  Creeping Buttercup <i>Ranunculus repens</i> Rare  Curled Dock <i>Rumex crispus</i> * Rare  Wood Avens <i>Geum urbanum</i> Rare  Thyme-leaved Speedwell <i>Veronica serpyllifolia</i> Rare  Spear Thistle <i>Cirsium vulgare</i> Rare</p> <p><b>British National Grid (m):</b> 462351E, 299115N</p> <p><b>WGS84 (Lat/Long):</b> 52.5863°N, -1.0811°E</p>	
<p><b>TN11</b></p>	<p>Non-native and ornamental hedgerow</p> <p>h2b</p> <p>Condition: Poor (Fixed)</p>	



	<p>Cypress <i>Chamaecyparis</i> hedge with small amount of Cherry Laurel <i>Prunus laurocerasus</i>. Height 2.5m width 1.5m.</p> <p><b>British National Grid (m):</b> 462365E, 299113N</p> <p><b>WGS84 (Lat/Long):</b> 52.5863°N, -1.0809°E</p>	
<b>TN12</b>	<p>Fence u1e 69</p> <p>Fence line along northern boundary. Varied styles as they lead directly onto residential back gardens. Two semi-mature <i>Fraxinus</i> present. Occasional ornamental hedge sections. <i>Forsythia</i>, <i>Ligustrum</i> etc.</p> <p><b>British National Grid (m):</b> 462411E, 299112N</p> <p><b>WGS84 (Lat/Long):</b> 52.5863°N, -1.0803°E</p>	
<b>TN13</b>	<p>Fence (2) u1e 69</p> <p>Metal wire fence to 2.5m tall. Starts at school ownership. Abundant <i>Anthriscus sylvestris</i>.</p> <p><b>Species List</b></p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Abundant Common Nettle <i>Urtica dioica</i> Frequent Cleavers <i>Galium aparine</i> Frequent Bramble <i>Rubus fruticosus agg</i> Occasional Hawthorn <i>Crataegus monogyna</i> Rare Wood Avens <i>Geum urbanum</i> Rare Spanish Bluebell <i>Hyacinthoides hispanica</i> Rare Hogweed <i>Heracleum sphondylium</i> Rare White Dead-nettle <i>Lamium album</i> Rare Dog roses <i>Rosa canina</i> Rare</p> <p><b>British National Grid (m):</b> 462626E, 299134N</p> <p><b>WGS84 (Lat/Long):</b> 52.5864°N, -1.0771°E</p>	
<b>TN14</b>	<p>Other cereal crops c1c7</p> <p>Crop field dominated by Bread wheat <i>Triticum aestivum</i>. Weeds rare, Black-grass <i>Alopecurus myosuroides</i> occasional. Cover 95%. Height 40cm. Skylark and Green woodpecker heard, starlings seen in northwest corner in hedge 2.</p> <p><b>British National Grid (m):</b> 462860E, 299086N</p>	







	<p><b>WGS84 (Lat/Long):</b> 52.586°N, -1.0736°E</p>	
<b>TN15</b>	<p>Mature Trees - Ash, Crack-willow (Moderate)</p> <p>Mature Trees to 25m. <i>Salix</i> has large split limbs. Ivy covering both trees.</p> <p><b>British National Grid (m):</b> 462957E, 299083N</p> <p><b>WGS84 (Lat/Long):</b> 52.5859°N, -1.0722°E</p>	
<b>TN16</b>	<p>Ditch (Wet)</p> <p>Condition: Poor</p> <p>Associated with hedge 1. 0.75m wide and 20cm deep. Water clear but polluted with oil or oily substance. Green algae forming. Vegetation in ditch is limited. Possibly suitable for common amphibians and GCN.</p> <p><b>Species List (Edges)</b></p> <p>Pendulous Sedge <i>Carex pendula</i> Frequent Common Ivy <i>Hedera helix</i> Frequent Common Nettle <i>Urtica dioica</i> Occasional Herb-Robert <i>Geranium robertianum</i> Rare</p> <p><b>British National Grid (m):</b> 462954E, 299064N</p> <p><b>WGS84 (Lat/Long):</b> 52.5858°N, -1.0723°E</p>	
<b>TN17</b>	<p>Mature Tree - Ash (High)</p> <p>Mature <i>Fraxinus</i> with large downfacing cavity and ivy covering. Girth to 3m, likely cLWS.</p> <p><b>British National Grid (m):</b> 462934E, 299029N</p> <p><b>WGS84 (Lat/Long):</b> 52.5854°N, -1.0725°E</p>	



**WIG\_001 – TARGET NOTES**




<b>Project Name</b>	Oadby & Wigston LWS - WIG_001
<b>Date of Survey</b>	8 September 2023
<b>Surveyor</b>	Richard Brown
<b>Temperature</b>	18°C
<b>Cloud Cover</b>	0%
<b>Wind</b>	0 - Calm
<b>Precipitation</b>	No precipitation



Target Note	Description	Photos																																				
<b>TN1</b>	<p>Metal fence along northern boundary</p> <p><b>British National Grid (m):</b> 461031E, 297798N</p> <p><b>WGS84 (Lat/Long):</b> 52.5746°N, -1.1009°E</p>																																					
<b>TN2</b>	<p>h2a 190 Native hedgerow with trees</p> <p>Hedge 1: Approx 2m high to 2m wide with grazing on one side and mowing for road on the other.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Common nettle</td> <td><i>Urtica dioica</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Dog-rose</td> <td><i>Rosa canina</i></td> <td></td> <td>Rare</td> </tr> <tr> <td>Blackthorn</td> <td><i>Prunus spinosa</i></td> <td>Canopy</td> <td>Abundant</td> </tr> <tr> <td>Smooth elm</td> <td><i>Ulmus minor</i></td> <td>Canopy</td> <td>Dominant</td> </tr> <tr> <td>Field maple</td> <td><i>Acer campestre</i></td> <td>Canopy</td> <td>Frequent</td> </tr> <tr> <td>Snowberry</td> <td><i>Symphoricarpos albus</i></td> <td>Canopy</td> <td>Locally frequent</td> </tr> <tr> <td>Ash</td> <td><i>Fraxinus excelsior</i></td> <td>Canopy</td> <td>Occasional</td> </tr> <tr> <td>Elder</td> <td><i>Sambucus nigra</i></td> <td>Canopy</td> <td>Occasional</td> </tr> </tbody> </table>	Common Name	Latin Name	Position	Dafor	Common nettle	<i>Urtica dioica</i>		Abundant	Dog-rose	<i>Rosa canina</i>		Rare	Blackthorn	<i>Prunus spinosa</i>	Canopy	Abundant	Smooth elm	<i>Ulmus minor</i>	Canopy	Dominant	Field maple	<i>Acer campestre</i>	Canopy	Frequent	Snowberry	<i>Symphoricarpos albus</i>	Canopy	Locally frequent	Ash	<i>Fraxinus excelsior</i>	Canopy	Occasional	Elder	<i>Sambucus nigra</i>	Canopy	Occasional	
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<b>TN3</b>	<p>h2a Native hedgerow with trees</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ash</td> <td><i>Fraxinus excelsior</i></td> <td>Canopy</td> <td>Abundant</td> </tr> <tr> <td>Scot's pine</td> <td><i>Pinus sylvestris</i></td> <td>Canopy</td> <td>Abundant</td> </tr> <tr> <td>Smooth elm</td> <td><i>Ulmus minor</i></td> <td>Canopy</td> <td>Abundant</td> </tr> <tr> <td>Hawthorn</td> <td><i>Crataegus monogyna</i></td> <td>Canopy</td> <td>Frequent</td> </tr> <tr> <td>Common ivy</td> <td><i>Hedera helix</i></td> <td>Understory</td> <td>Abundant</td> </tr> <tr> <td>Bramble</td> <td><i>Rubus fruticosus agg.</i></td> <td>Understory</td> <td>Frequent</td> </tr> </tbody> </table> <p><b>British National Grid (m):</b> 461013E, 297505N  <b>WGS84 (Lat/Long):</b> 52.572°N, -1.1012°E</p>	Common Name	Latin Name	Position	Dafor					Ash	<i>Fraxinus excelsior</i>	Canopy	Abundant	Scot's pine	<i>Pinus sylvestris</i>	Canopy	Abundant	Smooth elm	<i>Ulmus minor</i>	Canopy	Abundant	Hawthorn	<i>Crataegus monogyna</i>	Canopy	Frequent	Common ivy	<i>Hedera helix</i>	Understory	Abundant	Bramble	<i>Rubus fruticosus agg.</i>	Understory	Frequent	
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Bramble	<i>Rubus fruticosus agg.</i>	Understory	Frequent																															
<b>TN4</b>	8 ash trees of varying age (semi to mature) with main stems covered in dense ivy. No other features indicating																																	

	<p>bat roost suitability but at least low due to dense ivy potentially covering features.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Ash</td> <td><i>Fraxinus excelsior</i></td> <td>Canopy</td> <td>Dominant</td> </tr> </tbody> </table> <p><b>British National Grid (m):</b> 461062E, 297592N  <b>WGS84 (Lat/Long):</b> 52.5728°N, -1.1004°E</p>	Common Name	Latin Name	Position	Dafor	Ash	<i>Fraxinus excelsior</i>	Canopy	Dominant									
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<p><b>TN5</b></p>	<p>Small mammal hole in hedgerow - potentially rabbit</p> <p><b>British National Grid (m):</b> 461045E, 297696N  <b>WGS84 (Lat/Long):</b> 52.5737°N, -1.1007°E</p>																	
<p><b>TN6</b></p>	<p>Modified grassland</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Common bent</td> <td><i>Agrostis capillaris</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Creeping buttercup</td> <td><i>Ranunculus repens</i></td> <td></td> <td>Frequent</td> </tr> </tbody> </table>	Common Name	Latin Name	Position	Dafor					Common bent	<i>Agrostis capillaris</i>		Frequent	Creeping buttercup	<i>Ranunculus repens</i>		Frequent	
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<b>TN10</b>	<p>Two mature ash trees with multiple woodpecker holes in each. High bat roosting suitability</p> <p><b>British National Grid (m):</b> 460926E, 297565N</p> <p><b>WGS84 (Lat/Long):</b> 52.5725°N, -1.1025°E</p>																																	
<b>TN11</b>	<p>h2a 190 Native hedgerow with trees</p> <p>Hedge 5</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> </tbody> </table>	Common Name	Latin Name	Position	Dafor																													
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	Ash	<i>Fraxinus excelsior</i>		Abundant	
	Bramble	<i>Rubus fruticosus agg.</i>		Frequent	
	Cleavers	<i>Galium aparine</i>		Frequent	
	Common nettle	<i>Urtica dioica</i>		Frequent	
	Smooth elm	<i>Ulmus minor</i>		Frequent	
	Elder	<i>Sambucus nigra</i>		Occasional	
	Hawthorn	<i>Crataegus monogyna</i>	Canopy	Dominant	
	Field maple	<i>Acer campestre</i>	Canopy	Occasional	
	Broad-leaved Dock	<i>Rumex obtusifolius</i>	Ground Flora	Frequent	
	Large bindweed	<i>Calystegia silvatica</i>	Ground Flora	Frequent	
	Smooth sowthistle	<i>Sonchus oleraceus</i>	Ground Flora	Occasional	
	<p><b>British National Grid (m):</b> 460931E, 297613N</p> <p><b>WGS84 (Lat/Long):</b> 52.5729°N, -1.1024°E</p>				
<b>TN12</b>	<p>Two mature ash trees approx 20/25m high. Several woodpecker holes present in trees. High bat roosting suitability</p> <p><b>British National Grid (m):</b> 460951E, 297776N</p> <p><b>WGS84 (Lat/Long):</b> 52.5744°N, -1.102°E</p>				



## WIG\_002 - TARGET NOTES



<b>Project Name</b>	<b>Oadby Wigston LWS (WIG_002)</b>
<b>Date of Survey</b>	August 2, 2023
<b>Surveyor</b>	Tom Ward



<b>Temperature</b>	18°C
<b>Cloud Cover</b>	60%
<b>Wind</b>	4 - Moderate wind
<b>Precipitation</b>	Moderate rain (between 1 and 4mm/hr)



Target Note	Description	Photos
<b>TN1</b>	<p>h2a5 191 11 Species-rich native hedgerow; with associated ditch and scattered trees</p> <p>Hedge 1: Hawthorn and Blackthorn hedge to 5 m tall by 5 m wide. Vertical gappiness zero, cover 98%. Dry ditch on eastern side. Standard Ash <i>Fraxinus excelsior</i> trees at northern end.</p> <p><b>Species</b></p> <p><b>Woody</b>  Hawthorn <i>Crataegus monogyna</i> Dominant  English Elm <i>Ulmus procera</i> Frequent  Blackthorn <i>Prunus spinosa</i> Frequent  Elder <i>Sambucus nigra</i> Occasional  Apples <i>Malus sp.</i> Occasional  Ash <i>Fraxinus excelsior</i> Occasional  Dog roses <i>Rosa canina</i> Occasional</p> <p><b>Ground flora</b>  Common Ivy <i>Hedera helix</i> Occasional  Honeysuckle <i>Lonicera periclymenum</i> Rare  Cleavers <i>Galium aparine</i> Frequent  Bramble <i>Rubus fruticosus agg.</i> Frequent  Creeping Thistle <i>Cirsium arvense</i> Occasional  Common Nettle <i>Urtica dioica</i> Occasional  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Common Couch <i>Elymus repens</i> Occasional  Spear Thistle <i>Cirsium vulgare</i> Rare  White Bryony <i>Bryonia dioica</i> Rare  Hedge Woundwort <i>Stachys sylvatica</i> Rare</p> <p><b>British National Grid (m):</b> 462148E, 297369N</p> <p><b>WGS84 (Lat/Long):</b> 52.5706°N, -1.0845°E</p>	
<b>TN2</b>	<p>c1c7 Other cereal crops</p> <p>Field 1: Bread wheat <i>Triticum aestivum</i> crop. Cover 100%, height 65cm. Mown grass margin surrounding the crop.</p> <p><b>Species</b></p> <p>Bread Wheat <i>Triticum aestivum</i> Dominant  Black-grass <i>Alopecurus myosuroides</i> Rare</p>	








	<p>Creeping Thistle <i>Cirsium arvense</i> Rare  Soft-brome <i>Bromus hordeaceus</i> Rare  Common Ragwort <i>Senecio jacobaea</i> Rare  Knotgrasses <i>Polygonum sp.</i> Rare  Black Nightshade <i>Solanum nigrum</i> Rare  Creeping Buttercup <i>Ranunculus repens</i> Rare  Perennial Rye-grass <i>Lolium perenne</i> Locally frequent  Cock's-foot <i>Dactylis glomerata</i> Locally frequent  Redshank <i>Persicaria maculosa</i> Occasional  Goosefoots <i>Chenopodium sp.</i> Rare  Scentless Mayweed <i>Tripleurospermum inodorum</i> Rare  Creeping Buttercup <i>Ranunculus repens</i> Locally frequent</p> <p><b>British National Grid (m):</b> 462251E, 297574N</p> <p><b>WGS84 (Lat/Long):</b> 52.5725°N, -1.0829°E</p>	
<b>TN3</b>	<p>Mature Tree - Ash (Moderate)</p> <p>Tree to 25m with woodpecker holes and rotting heartwood. May be suitable for bats. Approx 2-2.2m girth at chest height.</p> <p><b>British National Grid (m):</b> 462106E, 297593N</p> <p><b>WGS84 (Lat/Long):</b> 52.5726°N, -1.085°E</p>	
<b>TN4</b>	<p>h3h Mixed scrub</p> <p>Scrub area surrounding small field pond. Mostly species that are in the hedgerows. Height to 6m, cover 95%. Bramble / Herbaceous edge to the adjacent grassy strip.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Elder <i>Sambucus nigra</i> Occasional  Blackthorn <i>Prunus spinosa</i> Abundant  Bramble <i>Rubus fruticosus</i> Frequent</p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Great Willowherb <i>Epilobium hirsutum</i> Frequent  Creeping Thistle <i>Cirsium arvense</i> Frequent  Common Nettle <i>Urtica dioica</i> Locally frequent  White Bryony <i>Bryonia dioica</i> Rare  Common Couch <i>Elymus repens</i> Rare</p> <p><b>British National Grid (m):</b> 462241E, 297683N</p> <p><b>WGS84 (Lat/Long):</b> 52.5734°N, -1.083°E</p>	
<b>TN5</b>	r1 Pond	






	<p>Pond 1: Small field pond within mixed scrub. Heavily shaded. HSI carried out. Depth unknown, size approximately 10m x 4m. See species list of TN4, with the addition of bittersweet <i>Solanum dulcamara</i>.</p> <p><b>British National Grid (m):</b> 462236E, 297675N</p> <p><b>WGS84 (Lat/Long):</b> 52.5734°N, -1.0831°E</p>	
<b>TN6</b>	<p>Mature Trees - Ash (Low, pLWS)</p> <p>Group of three ash trees. The western most tree is the largest and has a split of the main trunk. Girth to 2m, due to split and size may be a suitable LWS tree with possible opportunities for bats. Eastern most tree with bad dieback.</p> <p><b>British National Grid (m):</b> 462297E, 297723N</p> <p><b>WGS84 (Lat/Long):</b> 52.5738°N, -1.0822°E</p>	
<b>TN7</b>	<p>w1g6 1147 Line of trees</p> <p>Line of young Ash <i>Fraxinus excelsior</i> trees on other side of the boundary fence. Height 5-7m.</p> <p><b>British National Grid (m):</b> 462338E, 297742N</p> <p><b>WGS84 (Lat/Long):</b> 52.5739°N, -1.0816°E</p>	
<b>TN8</b>	<p>u1e 69 Fence</p> <p>Fence making up the eastern boundary. Wooden construction with wire. Height 1.2m.</p> <p><b>British National Grid (m):</b> 462341E, 297742N</p> <p><b>WGS84 (Lat/Long):</b> 52.574°N, -1.0815°E</p>	
<b>TN9</b>	<p>h2b Non-native ornamental hedgerow</p> <p>Leyland cypress <i>Cupressus x leylandii</i> windbreak. 15m tall by 15m long.</p> <p><b>British National Grid (m):</b> 462457E, 297591N</p> <p><b>WGS84 (Lat/Long):</b> 52.5726°N, -1.0799°E</p>	
<b>TN10</b>	<p>h2a6 Other native hedgerow</p> <p>Hedge 2: Hawthorn dominated hedge that is 3 m tall by 3 to 4 m wide, not gappy, cover 100%. Species-poor - fewer than 5 woody species per 30m length. Large gap where hedgerow has been removed and bramble has grown (see TN11).</p> <p><b>Species</b></p> <p><b>Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant</p>	





	<p>Ash <i>Fraxinus excelsior</i> Rare  Blackthorn <i>Prunus spinosa</i> Occasional  Dog roses <i>Rosa canina</i> Occasional  Elder <i>Sambucus nigra</i> Rare  English Elm <i>Ulmus procera</i> Rare</p> <p><b>Ground flora</b>  Common Nettle <i>Urtica dioica</i> Locally frequent  Black Bryony <i>Tamus communis</i> Rare  Cleavers <i>Galium aparine</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Locally frequent  False Oat-grass <i>Arrhenatherum elatius</i> Occasional  Common Ivy <i>Hedera helix</i> Occasional  Field Bindweed <i>Convolvulus arvensis</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Occasional</p> <p><b>British National Grid (m):</b> 462474E, 297549N  <b>WGS84 (Lat/Long):</b> 52.5722°N, -1.0796°E</p>	
<b>TN11</b>	<p>h3d Bramble Scrub</p> <p>Bramble scrub along boundary where hedge should be. Herbaceous species as Hedge 2 (TN10) but woody component completely missing, with only bramble. Height 1-1.5m, width 2-2.5m. Cover 90%. Species as in TN10 without the woody component. Bramble <i>Rubus fruticosus</i> dominant.</p> <p><b>Additional species</b>  Creeping Thistle <i>Cirsium arvense</i> Frequent  Common Couch <i>Elymus repens</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Frequent  <b>British National Grid (m):</b> 462237E, 297421N  <b>WGS84 (Lat/Long):</b> 52.5711°N, -1.0831°E</p>	
<b>TN12</b>	<p>Pond 2 (Field 5)</p> <p>Small field pond with reed sweet-grass <i>Glyceria maxima</i> and Hawthorn <i>Crataegus monogyna</i> scrub. 8m by 4m. Vegetation 95% cover.</p> <p><b>Species</b>  Reed Sweet-grass <i>Glyceria maxima</i> Dominant  Hard Rush <i>Juncus inflexus</i> Rare  Creeping Bent <i>Agrostis stolonifera</i> Abundant  Yellow Iris <i>Iris pseudacorus</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Rare  Hawthorn <i>Crataegus monogyna</i> Locally frequent  Bittersweet <i>Solanum dulcamara</i> Rare  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Duckweeds <i>Lemna</i> sp. Frequent</p>	

	<p><b>British National Grid (m):</b> 461983E, 297169N</p> <p><b>WGS84 (Lat/Long):</b> 52.5688°N, -1.0869°E</p>	
<b>TN13</b>	<p>g4 59 Modified grassland; cattle grazed</p> <p>Fields 2 and 5: Modified grassland grazed by cattle. Vegetation cover 95% with localised poaching near gateways. Vegetation height on average 15cm. Perennial rye-grass <i>Lolium perenne</i> dominated. 4.6 species per m2 (n=5).</p> <p><b>Species</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Dominant  White Clover <i>Trifolium repens</i> Frequent  Creeping Buttercup <i>Ranunculus repens</i> Frequent  Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional  Greater Plantain <i>Plantago major</i> Occasional  Dandelion <i>Taraxacum</i> Occasional  Creeping Bent <i>Agrostis stolonifera</i> Occasional  Timothy <i>Phleum pratense</i> Occasional  Annual Meadow-grass <i>Poa annua</i> Occasional  Spear Thistle <i>Cirsium vulgare</i> Occasional  Rough Meadow-grass <i>Poa trivialis</i> Rare  Hogweed <i>Heracleum sphondylium</i> Rare  Prickly Sow-thistle <i>Sonchus asper</i> Rare</p> <p><b>British National Grid (m):</b> 461966E, 297125N</p> <p><b>WGS84 (Lat/Long):</b> 52.5684°N, -1.0872°E</p>	
<b>TN14</b>	<p>h2a6 191 Other native hedgerow with associated ditch</p> <p>Hedge 3: Hawthorn hedge that forms the boundaries of field 5. Height 2-2.5m. Width 2m. Cover 70% with large gaps in the SW corner near the gate. Fence and ditch associated with it.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Ash <i>Fraxinus excelsior</i> Rare  Blackthorn <i>Prunus spinosa</i> Rare</p> <p>Bramble <i>Rubus fruticosus</i> agg. Rare  Common Nettle <i>Urtica dioica</i> Frequent  Creeping Thistle <i>Cirsium arvense</i> Frequent  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Bittersweet <i>Solanum dulcamara</i> Occasional</p> <p><b>British National Grid (m):</b> 461984E, 297121N</p> <p><b>WGS84 (Lat/Long):</b> 52.5684°N, -1.0869°E</p>	

<p><b>TN15</b></p>	<p>h2a5 190 11 Native species-rich hedgerow; with associated ditch; scattered trees</p> <p>Varying height but average is around 3m. Width from 2-3.5m. Not gappy at base. Canopy cover 95%. Herbaceous strip of 1.5m on west side, permanent pasture on right. Ditch on east side.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  English Elm <i>Ulmus procera</i> Rare  Ash <i>Fraxinus excelsior</i> Rare  Apples <i>Malus sp.</i> Rare  Grey Willow <i>Salix cinerea</i> Rare  Dog roses <i>Rosa canina</i> Rare</p> <p>Bramble <i>Rubus fruticosus agg.</i> Frequent  Red Campion <i>Silene dioica</i> Rare  Common Ivy <i>Hedera helix</i> Occasional  Nipplewort <i>Lapsana communis</i> Rare  White Bryony <i>Bryonia dioica</i> Rare  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Spear Thistle <i>Cirsium vulgare</i> Occasional  Cock's-foot <i>Dactylis glomerata</i> Frequent  Perforate St John's-wort <i>Hypericum perforatum</i> Rare</p> <p><b>British National Grid (m):</b> 462065E, 297053N</p> <p><b>WGS84 (Lat/Long):</b> 52.5678°N, -1.0857°E</p>	
<p><b>TN16</b></p>	<p>Mature Tree - Ash (pLWS, Moderate)</p> <p>Mature Ash that is around 18m tall and has some veteran features such as a large split limb with open cavity that may be suitable for roosting bats. Girth to 2 m at chest height maybe suitable for selection as a local wildlife site tree.</p> <p><b>British National Grid (m):</b> 462086E, 296957N</p> <p><b>WGS84 (Lat/Long):</b> 52.5669°N, -1.0854°E</p>	
<p><b>TN17</b></p>	<p>u1e 69 Fence</p> <p>Fence that forms the southern boundary of fields 2 and 3 prior to the railway embankment. Vegetation dominated by false oat-grass <i>Arrhenatherum elatius</i>.</p> <p><b>British National Grid (m):</b> 462056E, 296911N</p> <p><b>WGS84 (Lat/Long):</b> 52.5665°N, -1.0859°E</p>	
<p><b>TN18</b></p>	<p>c1c7 Other cereal crops</p>	

	<p>Harvested stubble of Barley <i>Hordeum</i> cv. Cover 75% straw. Height 20cm.</p> <p><b>Species</b></p> <p>Barleys <i>Hordeum</i> cv. Dominant  Italian Rye-grass <i>Lolium multiflorum</i> Locally frequent  Sticky Groundsel <i>Senecio viscosus</i> Rare  Scentless Mayweed <i>Tripleurospermum inodorum</i> Occasional  Fool's Parsley <i>Aethusa cynapium</i> Rare  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare  Greater Plantain <i>Plantago major</i> Rare  Perennial Sow-thistle <i>Sonchus arvensis</i> Rare</p> <p><b>British National Grid (m):</b> 461972E, 297017N</p> <p><b>WGS84 (Lat/Long):</b> 52.5675°N, -1.0871°E</p>	
<p><b>TN19</b></p>	<p>h2a5 190 191 Species-rich native hedgerow with associated ditch and trees</p> <p>Height avg. 3.5m width 3m. Not gappy as base. Canopy cover 90% with gaps where ash trees have died and a small bramble patch on the western corner.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Locally abundant</p> <p>Hawthorn <i>Crataegus monogyna</i> Frequent  Blackthorn <i>Prunus spinosa</i> Dominant  Buckthorn <i>Rhamnus cathartica</i> Occasional  Dog roses <i>Rosa canina</i> Occasional</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Frequent  False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Sticky Groundsel <i>Senecio viscosus</i> Rare  Hedge Woundwort <i>Stachys sylvatica</i> Rare  Common Nettle <i>Urtica dioica</i> Rare  Wood Avens <i>Geum urbanum</i> Rare  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Lords-and-Ladies <i>Arum maculatum</i> Rare  Willowherbs <i>Epilobium</i> sp. Rare  Spear Thistle <i>Cirsium vulgare</i> Occasional  Wood Dock <i>Rumex sanguineus</i> Frequent  Field Bindweed <i>Convolvulus arvensis</i> Rare  Red Fescue <i>Festuca rubra</i> Rare  Cleavers <i>Galium aparine</i> Rare</p> <p><b>British National Grid (m):</b> 461845E, 297050N</p> <p><b>WGS84 (Lat/Long):</b> 52.5678°N, -1.089°E</p>	


<p><b>TN20</b></p>	<p>h3d Bramble Scrub</p> <p>Bramble Gap in Hedge 5. Approximately 10 m by 4 to 5 m wide.</p> <p><b>British National Grid (m):</b> 461780E, 297125N</p> <p><b>WGS84 (Lat/Long):</b> 52.5685°N, -1.0899°E</p>	
<p><b>TN21</b></p>	<p>Dead tree - Ash (Moderate)</p> <p>Dead ash that clearly has hollow limbs and may provide suitable roosting for bats and birds.</p> <p><b>British National Grid (m):</b> 461784E, 297122N</p> <p><b>WGS84 (Lat/Long):</b> 52.5684°N, -1.0899°E</p>	
<p><b>TN22</b></p>	<p>c1c7 Other cereal crops</p> <p>Field 4 (same as field 3).</p> <p><b>British National Grid (m):</b> 461834E, 297131N</p> <p><b>WGS84 (Lat/Long):</b> 52.5685°N, -1.0891°E</p>	
<p><b>TN23</b></p>	<p>Mature Tree - Ash</p> <p>Height to 25m Girth around 2m at chest height in good health without any obvious cavities.</p> <p><b>British National Grid (m):</b> 461843E, 297136N</p> <p><b>WGS84 (Lat/Long):</b> 52.5686°N, -1.089°E</p>	
<p><b>TN24</b></p>	<p>w1g6 1175 Line of Trees; Ecological valuable (Moderate, pLWS)</p> <p>Three mature ash trees with woodpecker holes and cavities. Western tree could be a LWS due to girth being 2.5m and having split limbs, also may be suitable for bats? Eastern most tree has woodpecker holes.</p> <p><b>British National Grid (m):</b> 461916E, 297130N</p> <p><b>WGS84 (Lat/Long):</b> 52.5685°N, -1.0879°E</p>	



		
<p><b>TN25</b></p>	<p>u1d Suburban/ mosaic of developed/ natural surface</p> <p>Farm Buildings</p> <p><b>British National Grid (m):</b> 461930E, 297267N</p> <p><b>WGS84 (Lat/Long):</b> 52.5697°N, -1.0877°E</p>	
<p><b>TN26</b></p>	<p>u1e 69 Fence</p> <p>Fence making up the northern boundary of field 4.</p> <p><b>British National Grid (m):</b> 461843E, 297255N</p> <p><b>WGS84 (Lat/Long):</b> 52.5696°N, -1.089°E</p>	
<p><b>TN27</b></p>	<p>u1d Suburban/ mosaic of developed/ natural surface</p> <p>Farmyard and associated buildings</p> <p><b>British National Grid (m):</b> 462071E, 297232N</p> <p><b>WGS84 (Lat/Long):</b> 52.5694°N, -1.0856°E</p>	




## WIG\_004 (& WIG\_003, WIG\_006) – TARGET NOTES









<b>Project Name</b>	<b>Oadby Wigston LWS WIG_004</b>
<b>Date of Survey</b>	June 28, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	18°C
<b>Cloud Cover</b>	100%
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	No precipitation



Target Note	Description	Photos
<b>TN1</b>	<p><b>u1e 69 16 11 Fence; with tall herb and scattered trees</b></p> <p>Wire fence to 2.5m high. Bramble and goat willow present as scrub. Tall ruderal herbs also present along length. There is a grassy pathway dominated by perennial ryegrass adjacent to the fence between it and the crop. In the north corner there are more herbs along the fence, as well as Elder.</p> <p><b>Species</b></p> <p><b>Woody</b></p> <p>Bramble <i>Rubus fruticosus</i> agg Frequent  Goat Willow <i>Salix caprea</i> Rare  Dog roses <i>Rosa canina</i> Occasional  Ash <i>Fraxinus excelsior</i> Rare  Holly <i>Ilex aquifolium</i> Rare  Common Ivy <i>Hedera helix</i> Rare  Elder <i>Sambucus nigra</i> Rare</p> <p><b>Herbaceous</b></p> <p>Great Willowherb <i>Epilobium hirsutum</i> Locally abundant  Common Nettle <i>Urtica dioica</i> Frequent  Creeping Thistle <i>Cirsium arvense</i> Occasional  Curled Dock <i>Rumex crispus</i> Rare  Barren Brome <i>Anisantha sterilis</i> Rare  Wild-oat <i>Avena fatua</i> Rare  Hard Rush <i>Juncus inflexus</i> Rare  Wood Avens <i>Geum urbanum</i> Frequent  Perennial Rye-grass <i>Lolium perenne</i> Abundant  Goat's-beard <i>Tragopogon pratensis</i> Rare  Meadowsweet <i>Filipendula ulmaria</i> Rare  White Clover <i>Trifolium repens</i> Locally frequent</p> <p><b>British National Grid (m):</b> 461910E, 299054N</p>	






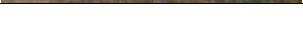
	<b>WGS84 (Lat/Long):</b> 52.5858°N, -1.0876°E	
<b>TN2</b>	<p>w1g6 Line of Trees</p> <p>Line of trees that are growing along the fence and make up the boundary feature between the field and the road to the school. Mostly young Ash trees. With bramble scrub.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant  Cherry Plum <i>Prunus cerasifera</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p>Bramble <i>Rubus fruticosus agg</i> Abundant  Dog roses <i>Rosa canina</i> Frequent  Cotoneaster <i>sternianus</i> Rare (SP6190099197)</p> <p>Rough Meadow-grass <i>Poa trivialis</i> Frequent  Curled Dock <i>Rumex crispus</i> Occasional  Wood Avens <i>Geum urbanum</i> Frequent  Oxeye Daisy <i>Leucanthemum vulgare</i> Rare  Creeping Bent <i>Agrostis stolonifera</i> Abundant  Perennial Rye-grass <i>Lolium perenne</i> Abundant  Italian Rye-grass <i>Lolium multiflorum</i> Occasional  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Wild-oat <i>Avena fatua</i> Occasional  Soft-brome <i>Bromus hordeaceus</i> Rare</p> <p><b>WGS84 (Lat/Long):</b> 52.5868°N, -1.0877°E</p>	
<b>TN3</b>	<p>Mature Trees - Ash (High)</p> <p>Four mature ash trees along the northern boundary with ivy covering, woodpecker holes, knotholes and cavities. High suitability for bats. Western most tree with large cavity suitable for nesting birds. Girth to approx. 1.5m-2m.</p> <p><b>WGS84 (Lat/Long):</b> 52.5879°N, -1.0878°E</p>	
<b>TN4</b>	h2a5 190 Native species-rich hedgerow with trees	

	<p>Variable hedge that has ash standards over hawthorn but also has sections of defunct hedge with leggy plum trees with little understorey. Some gaps exceeding 5m. There is a woven fence on the boundary with the country park. Average height approx 3m, width variable from 1-4m.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant          Wild Cherry <i>Prunus avium</i> Rare          Goat Willow <i>Salix caprea</i> Rare          Aspen <i>Populus tremula</i> Rare          Apple <i>Malus domestica</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Frequent          Field Maple <i>Acer campestre</i> Occasional          Dog roses <i>Rosa canina</i> Occasional          Elder <i>Sambucus nigra</i> Rare          Bramble <i>Rubus fruticosus agg</i> Frequent          English Elm <i>Ulmus procera</i> Frequent          Cherry Plum <i>Prunus cerasifera</i> Occasional          Wild Plum <i>Prunus domestica</i> Abundant</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Frequent          Cleavers <i>Galium aparine</i> Abundant          Nipplewort <i>Lapsana communis</i> Occasional          Wood Dock <i>Rumex sanguineus</i> Occasional          Prickly Lettuce <i>Lactuca serriola</i> Rare          Creeping Thistle <i>Cirsium arvense</i> Occasional          False Oat-grass <i>Arrhenatherum elatius</i> Frequent          Hogweed <i>Heracleum sphondylium</i> Rare</p> <p><b>British National Grid (m):</b> 461921E, 299292N</p> <p><b>WGS84 (Lat/Long):</b> 52.5879°N, -1.0875°E</p>	
<p><b>TN5</b></p>	<p>Mature Tree - Ash (Moderate)</p> <p>Mature ash tree to 20m with woodpecker holes. Moderate suitability for bats.</p> <p><b>British National Grid (m):</b> 462044E, 299260N</p> <p><b>WGS84 (Lat/Long):</b> 52.5876°N, -1.0856°E</p>	
<p><b>TN6</b></p>	<p>h2a5 190 191 Native species-rich hedgerow with trees and ditch Hedge 3</p> <p>Prunus spp. dominated hedgerow with frequent ash standards. Actively managed especially toward the east. Not gappy, with 98% cover. Average height is 3.5-4m,</p>	

	<p>width is approx 3m. Many ash standards have dieback or have already succumbed. Elm achieves local dominance in places.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Frequent          Pedunculate Oak <i>Quercus robur</i> Rare          Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p>Hawthorn <i>Crataegus monogyna</i> Frequent          Wild Plum <i>Prunus domestica</i> Frequent          Dog roses <i>Rosa canina</i> Frequent          Blackthorn <i>Prunus spinosa</i> Dominant          Field Maple <i>Acer campestre</i> Frequent          Bramble <i>Rubus fruticosus agg</i> Frequent          Common Ivy <i>Hedera helix</i> Occasional          Apple <i>Malus domestica</i> Rare          Elder <i>Sambucus nigra</i> Rare          Dogwood <i>Cornus sanguinea</i> Locally frequent          English Elm <i>Ulmus procera</i> Locally dominant</p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Rare          False Oat-grass <i>Arrhenatherum elatius</i> Abundant          Cleavers <i>Galium aparine</i> Abundant          Hogweed <i>Heracleum sphondylium</i> Occasional          Soft-brome <i>Bromus hordeaceus</i> Frequent          White Bryony <i>Bryonia dioica</i> Rare          Perennial Rye-grass <i>Lolium perenne</i> Occasional          Creeping Thistle <i>Cirsium arvense</i> Occasional          Scentless Mayweed <i>Tripleurospermum inodorum</i> Occasional          Field Bindweed <i>Convolvulus arvensis</i> Occasional</p> <p><b>British National Grid (m):</b> 462050E, 299261N</p> <p><b>WGS84 (Lat/Long):</b> 52.5876°N, -1.0855°E</p>	
<p><b>TN7</b></p>	<p>Mature Trees - Ash (Low)</p> <p>Two mature ash trees probably with suitability for bats. Small knot holes, cracked limb on the Eastern tree.</p> <p><b>British National Grid (m):</b> 462068E, 299269N</p> <p><b>WGS84 (Lat/Long):</b> 52.5877°N, -1.0853°E</p>	
<p><b>TN8</b></p>	<p>Mature Tree - Ash (Moderate, pLWS)</p> <p>Ash to 25m with ivy covering and large knot hole that looks deep. Unable to see trunk but could also be a LWS</p>	




	<p>judging by the character of the tree (seems multi-stemmed).</p> <p><b>British National Grid (m):</b> 462152E, 299266N</p> <p><b>WGS84 (Lat/Long):</b> 52.5877°N, -1.084°E</p>	
<b>TN9</b>	<p>Mature Tree - Ash (Low)</p> <p>Ash with dieback and open canker. Possibly useful for opportunistic bats?</p> <p><b>British National Grid (m):</b> 462175E, 299206N</p> <p><b>WGS84 (Lat/Long):</b> 52.5871°N, -1.0837°E</p>	
<b>TN10</b>	<p>Mature Trees - Oak (Moderate, pLWS)</p> <p>Two mature oak standards in field 1. To 25m tall. Quercus robur. NE tree has a split limb and small rot holes. Girth at chest height measured at 2.9m. SW tree in good health with no obvious roosting features, girth approx. 2.6m.</p> <p><b>British National Grid (m):</b> 462308E, 299008N</p> <p><b>WGS84 (Lat/Long):</b> 52.5853°N, -1.0818°E</p>	
<b>TN11</b>	<p>Rural Tree - Oak</p> <p>Single Quercus robur tree to 20m with fire damage on the north side from vandalism. In good health with no obvious roosting features.</p> <p><b>British National Grid (m):</b> 462237E, 298961N</p> <p><b>WGS84 (Lat/Long):</b> 52.5849°N, -1.0828°E</p>	
<b>TN12</b>	<p>u1e 191 Wet ditch</p> <p>Ditch running northeast to south with flowing water. Channel bed 75cm wide and water depth 3-5cm. Hard rush and meadowsweet locally abundant along edge. Small amounts of hawthorn scrub also present along ditch bank, forming linear feature toward the southern end.</p> <p><b>Species</b></p>	




	<p>False Oat-grass <i>Arrhenatherum elatius</i> Abundant  Cow Parsley <i>Anthriscus sylvestris</i> Frequent  Hogweed <i>Heracleum sphondylium</i> Frequent  Common Nettle <i>Urtica dioica</i> Frequent  Hedge Woundwort <i>Stachys sylvatica</i> Rare  White Bryony <i>Bryonia dioica</i> Rare  Bramble <i>Rubus fruticosus agg</i> Occasional  Elder <i>Sambucus nigra</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Locally abundant  Goat Willow <i>Salix caprea</i> Rare</p> <p><b>British National Grid (m):</b> 462382E, 298790N</p> <p><b>WGS84 (Lat/Long):</b> 52.5834°N, -1.0807°E</p>	
<p><b>TN13</b></p>	<p>h2a6 191 Native hedgerow Hedge 4</p> <p>Variable height hedgerow along the eastern boundary of the site. Mostly made up of hawthorn and elm, but many elm are dying due to DED. Herbaceous plants nearby are indicative of enriched conditions. Relatively species poor, with only 4 woody species per 30m. Dry ditch on eastern side. Average height 2.5m, average width 2m. Cover 95%.</p> <p><b>Species</b></p> <p>Goat Willow <i>Salix caprea</i> Occasional  Ash <i>Fraxinus excelsior</i> Frequent  Hawthorn <i>Crataegus monogyna</i> Abundant  Elder <i>Sambucus nigra</i> Occasional  English Elm <i>Ulmus procera</i> Frequent  Dog roses <i>Rosa canina</i> Occasional</p> <p>Bramble <i>Rubus fruticosus</i> Frequent</p> <p>White Bryony <i>Bryonia dioica</i> Rare  False Oat-grass <i>Arrhenatherum elatius</i> Locally frequent  Hogweed <i>Heracleum sphondylium</i> Occasional  Common Nettle <i>Urtica dioica</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Occasional  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Black Bryony <i>Tamus communis</i> Rare  Wood Dock <i>Rumex sanguineus</i> Rare  Cleavers <i>Galium aparine</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Nipplewort <i>Lapsana communis</i> Rare  Spear Thistle <i>Cirsium vulgare</i> Rare  Marsh Thistle <i>Cirsium palustre</i> Rare</p> <p><b>British National Grid (m):</b> 462284E, 298646N</p> <p><b>WGS84 (Lat/Long):</b> 52.5821°N, -1.0822°E</p>	



<p><b>TN14</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Ash to 25m generally in good health, with small rotten knot holes that may provide roosting opportunity for bats. Girth to approx 2.2m.</p> <p><b>British National Grid (m):</b> 462150E, 298502N</p> <p><b>WGS84 (Lat/Long):</b> 52.5808°N, -1.0842°E</p>	
<p><b>TN15</b></p>	<p>Mature Tree - Ash (Moderate)</p> <p>Ash with large knot hole possibly hollow. Moderate suitability for bats. See TN14 for condition.</p> <p><b>British National Grid (m):</b> 462093E, 298369N</p> <p><b>WGS84 (Lat/Long):</b> 52.5796°N, -1.0851°E</p>	
<p><b>TN16</b></p>	<p>Mature Trees - Ash (Moderate)</p> <p>Three mature ash trees to 20m. With ivy covering. Ash dieback present. Possibly suitable for bats.</p> <p><b>British National Grid (m):</b> 462063E, 298282N</p> <p><b>WGS84 (Lat/Long):</b> 52.5788°N, -1.0855°E</p>	
<p><b>TN17</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Ash tree with bark lifting and possible cavities in trunk. May provide opportunities for bats.</p> <p><b>British National Grid (m):</b> 462049E, 298218N</p> <p><b>WGS84 (Lat/Long):</b> 52.5783°N, -1.0858°E</p>	
<p><b>TN18</b></p>	<p>u1c Artificially unvegetated unsealed surface</p> <p>Gravel driveway into the site from the Newton Lane to the south.</p> <p><b>British National Grid (m):</b> 461995E, 298165N</p> <p><b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0866°E</p>	
<p><b>TN19</b></p>	<p>Mature Trees - Ash (Low)</p>	

	<p>Mature ash trees at the end of Hedge 4. One with a split limb.</p> <p><b>British National Grid (m):</b> 462045E, 298129N</p> <p><b>WGS84 (Lat/Long):</b> 52.5775°N, -1.0858°E</p>	
<b>TN20</b>	<p>Mature Trees - Ash (Moderate)</p> <p>Two mature ash trees in hedge 4 next to road. Both 15-20m tall with a dense covering of ivy. Possibly hiding roost features.</p> <p><b>British National Grid (m):</b> 462033E, 298142N</p> <p><b>WGS84 (Lat/Long):</b> 52.5776°N, -1.086°E</p>	
<b>TN21</b>	<p>c1 - Arable &amp; Horticulture</p> <p>Neglected arable land with tall rank grasses and herbs. Vegetation height to 75cm avg. Cover 100%.</p> <p><b>Species</b></p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Occasional  Common Couch <i>Elymus repens</i> Frequent  Prickly Lettuce <i>Lactuca serriola</i> Rare  Creeping Bent <i>Agrostis stolonifera</i> Abundant  Scentless Mayweed <i>Tripleurospermum inodorum</i> Frequent  Mugwort <i>Artemisia vulgaris</i> Frequent  Common Nettle <i>Urtica dioica</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Occasional  Hogweed <i>Heracleum sphondylium</i> Frequent  Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Occasional  Prickly Sow-thistle <i>Sonchus asper</i> Rare  Perennial Rye-grass <i>Lolium perenne</i> Locally abundant  Common Poppy <i>Papaver rhoeas</i> Rare  Bread Wheat <i>Triticum aestivum</i> Occasional  Bristly Oxtongue <i>Helminthotheca echioides</i> Rare  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare  Redshank <i>Persicaria maculosa</i> Rare  Black-grass <i>Alopecurus myosuroides</i> Locally frequent</p> <p><b>British National Grid (m):</b> 462030E, 298148N</p> <p><b>WGS84 (Lat/Long):</b> 52.5776°N, -1.086°E</p>	
<b>TN22</b>	<p>w1g6 Line of trees (Moderate)</p> <p>Line of ash trees that form the southern boundary of the eastern arm of the site. Mostly mature and reaching</p>	





	<p>25m in height. Ivy covering on some trees and knot holes present. Could be suitable for opportunistic bats.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Dominant</p> <p>Common Ivy <i>Hedera helix</i> Frequent Hawthorn <i>Crataegus monogyna</i> Rare Elder <i>Sambucus nigra</i> Occasional</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Occasional False Oat-grass <i>Arrhenatherum elatius</i> Abundant Common Nettle <i>Urtica dioica</i> Frequent Cow Parsley <i>Anthriscus sylvestris</i> Occasional Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional Large Bindweed <i>Calystegia silvatica</i> Rare Barren Brome <i>Anisantha sterilis</i> Rare Cleavers <i>Galium aparine</i> Frequent Ground-ivy <i>Glechoma hederacea</i> Occasional White Dead-nettle <i>Lamium album</i> Rare</p> <p><b>British National Grid (m):</b> 461996E, 298156N</p> <p><b>WGS84 (Lat/Long):</b> 52.5777°N, -1.0866°E</p>	
<p><b>TN23</b></p>	<p>h2a6 191 Ditch / Hedge</p> <p>Hawthorn dominated secondary hedge developing along the ditch. With young Ash self sets and goat willow. Height 2m, width 2m. Cover 70% as is gappy canopy for its entire length. Woody species similar to hedge 4. Dog rose present. See TN12 for ditch species list.</p> <p><b>British National Grid (m):</b> 462063E, 298397N</p> <p><b>WGS84 (Lat/Long):</b> 52.5799°N, -1.0855°E</p>	
<p><b>TN24</b></p>	<p>c1c7 Other cereal crops</p> <p>All fields are sown with a crop of bread wheat (<i>Triticum aestivum</i>). Cover 95%, height avg. 80cm. Not many weeds, those in the margins near hedgerows are recorded under the hedgerow species list and represent the majority of the species found across all the arable fields. Swift and Skylark overhead.</p> <p><b>British National Grid (m):</b> 462103E, 298832N</p> <p><b>WGS84 (Lat/Long):</b> 52.5838°N, -1.0848°E</p>	
<p><b>TN25</b></p>	<p>h2a 191 Native hedgerow with associated ditch Hedge 6</p> <p>Hawthorn hedgerow to 2m high by 2m wide. Not gappy at base. Cover 95%.</p>	

	<p><b>Species</b></p> <p>Great Willowherb <i>Epilobium hirsutum</i> Abundant                  False Oat-grass <i>Arrhenatherum elatius</i> Frequent                  Common Nettle <i>Urtica dioica</i> Abundant                  Hedge Woundwort <i>Stachys sylvatica</i> Rare                  Creeping Thistle <i>Cirsium arvense</i> Occasional                  Cleavers <i>Galium aparine</i> Frequent                  Barren Brome <i>Anisantha sterilis</i> Occasional                  Black Bryony <i>Tamus communis</i> Rare                  White Bryony <i>Bryonia dioica</i> Occasional</p> <p><b>British National Grid (m):</b> 461894E, 298642N</p> <p><b>WGS84 (Lat/Long):</b> 52.5821°N, -1.088°E</p>	
<p><b>TN26</b></p>	<p>u1e 69 10 11 Fence with scattered scrub and trees.</p> <p>Fence line where various homeowners maintain the vegetation. Some scattered native shrubs and trees as well as garden origin species. Mostly rooted in residential property but some are naturalized or native on field boundary. Localized nettle beds and bramble scrub also present.</p> <p><b>Species</b></p> <p>English Elm <i>Ulmus procera</i> Frequent                  Wild Plum <i>Prunus domestica</i> Occasional                  Leyland Cypress <i>Cupressus × leylandii</i> Frequent                  Common Ivy <i>Hedera helix</i> Occasional                  Hawthorn <i>Crataegus monogyna</i> Frequent                  Blackthorn <i>Prunus spinosa</i> Rare</p> <p><b>British National Grid (m):</b> 461776E, 298474N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0897°E</p>	
<p><b>TN27</b></p>	<p>h2a6 190 Native hedgerow with trees Hedge 7</p> <p>Hawthorn hedge with ash and field maple reaching tree stature. Some nice mature ash trees see following TNS. Some areas the hedge has been 'gardened' by residents, or replaced by fences. Average height 3-5m width, 2-4m. Not gappy. Cover 98%. Height at southern end to 10m by 4m wide.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant                  Field Maple <i>Acer campestre</i> Abundant</p> <p>English Elm <i>Ulmus procera</i> Occasional                  Wild Cherry <i>Prunus avium</i> Rare                  English Elm <i>Ulmus procera</i> Occasional</p>	


	<p>Elder <i>Sambucus nigra</i> Occasional                  Wild Plum <i>Prunus domestica</i> Occasional                  Hawthorn <i>Crataegus monogyna</i> Abundant                  Blackthorn <i>Prunus spinosa</i> Locally frequent                  Garden Privet <i>Ligustrum ovalifolium</i> Rare                  Cypress <i>Cupressus sp.</i> Rare                  Horse-chestnut <i>Aesculus hippocastanum</i> Rare                  Spiraea <i>Spiraea spp.</i> Rare</p> <p>Creeping Thistle <i>Cirsium arvense</i> Occasional                  Common Nettle <i>Urtica dioica</i> Locally abundant                  Large Bindweed <i>Calystegia silvatica</i> Rare                  Wild-oat <i>Avena fatua</i> Abundant                  Cleavers <i>Galium aparine</i> Abundant                  Common Couch <i>Elymus repens</i> Occasional                  Hogweed <i>Heracleum sphondylium</i> Occasional                  Bramble <i>Rubus fruticosus agg</i> Locally abundant                  Honeysuckle (cultivar) <i>Lonicera periclymenum cv.</i> Rare</p> <p><b>British National Grid (m):</b> 461731E, 298501N  <b>WGS84 (Lat/Long):</b> 52.5808°N, -1.0904°E</p>	
<b>TN28</b>	<p>Mature Trees - Ash (Moderate)</p> <p>Group of mature ash trees with ivy covering and woodpecker holes. Moderate suitability for bats.</p> <p><b>British National Grid (m):</b> 461834E, 298707N  <b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0888°E</p>	
<b>TN29</b>	<p>Mature Trees - Ash (Moderate)</p> <p>Bats might use these trees due to holes etc.</p> <p><b>British National Grid (m):</b> 461867E, 298786N  <b>WGS84 (Lat/Long):</b> 52.5834°N, -1.0883°E</p>	
<b>TN30</b>	<p>Mature Tree - Ash (Moderate)</p> <p>Ash to 30m covered in ivy. Moderate for bats.</p>	




	<p><b>British National Grid (m):</b> 461846E, 298879N</p> <p><b>WGS84 (Lat/Long):</b> 52.5842°N, -1.0886°E</p>	
<p><b>TN31</b></p>	<p>h2a6 191 Native hedgerow with associated ditch Hedge 8</p> <p>Hawthorn hedgerow 2.5m high by 3m wide. With two mature ash standards. Base not gappy for all of length. Canopy 95% cover, gaps for gateways to 3.5m only. Shallow dry ditch for hedgerow length.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant          Bramble <i>Rubus fruticosus</i> agg. Frequent          Elder <i>Sambucus nigra</i> Rare          Blackthorn <i>Prunus spinosa</i> Rare          Dog roses <i>Rosa canina</i> Frequent</p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Occasional          Common Nettle <i>Urtica dioica</i> Frequent          Cleavers <i>Galium aparine</i> Abundant          Perennial Rye-grass <i>Lolium perenne</i> Occasional          Soft-brome <i>Bromus hordeaceus</i> Rare          False Oat-grass <i>Arrhenatherum elatius</i> Frequent          Black Bryony <i>Tamus communis</i> Frequent</p> <p>Bread Wheat <i>Triticum aestivum</i> Dominant          Redshank <i>Persicaria maculosa</i> Rare          Scentless Mayweed <i>Tripleurospermum inodorum</i> Rare          Knotgrass <i>Polygonum</i> sp. Rare</p> <p><b>British National Grid (m):</b> 461906E, 299049N</p> <p><b>WGS84 (Lat/Long):</b> 52.5857°N, -1.0877°E</p>	
<p><b>TN32</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Ash with rot and large hole on southeast side. Low suitability for bats.</p> <p><b>British National Grid (m):</b> 461967E, 299029N</p> <p><b>WGS84 (Lat/Long):</b> 52.5856°N, -1.0868°E</p>	





		
<p><b>TN33</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Rotten limb on north side might provide roost for opportunistic bats. Tree to 20m, with dieback.</p> <p><b>British National Grid (m):</b> 462084E, 298993N</p> <p><b>WGS84 (Lat/Long):</b> 52.5852°N, -1.0851°E</p>	





## WIG\_005 – TARGET NOTES

<b>Project Name</b>	Oadby Wigston LWS - WIG_005
<b>Date of Survey</b>	June 2, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	15°C
<b>Cloud Cover</b>	
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	No precipitation
<b>General Notes</b>	Two pLWS trees (TN18, TN22) and 14 trees suitable for bats.




Target Note	Description	Photos
<p><b>TN1</b></p>	<p><b>g4 Modified Grassland - Field 1</b></p> <p>Permanent pasture that is sheep grazed. Cover is 90% with poaching in gateways. Vegetation Height is consistently short to 7cm. Equipment stored in the fields also. F1c was longer sward not grazed by sheep at time of survey.</p> <p><b>Condition: Poor</b></p> <p><b>Species</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Dominant                      White Clover <i>Trifolium repens</i> Frequent                      Creeping Buttercup <i>Ranunculus repens</i> Frequent                      Rough Meadow-grass <i>Poa trivialis</i> Locally abundant</p>	






	<p>Soft-brome <i>Bromus hordeaceus</i> Locally frequent  Creeping Thistle <i>Cirsium arvense</i> Locally frequent  Creeping Bent <i>Agrostis stolonifera</i> Occasional  Common Mouse-ear <i>Cerastium fontanum</i> Occasional  Meadow Foxtail <i>Alopecurus pratensis</i> Occasional  Common Nettle <i>Urtica dioica</i> Occasional  Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional  Annual Meadow-grass <i>Poa annua</i> Rare  Greater Plantain <i>Plantago major</i> Rare  Yorkshire-fog <i>Holcus lanatus</i> Rare  Dandelion <i>Taraxacum</i> Rare  Common Sorrel <i>Rumex acetosa</i> Rare  Crested Dog's-tail <i>Cynosurus cristatus</i> Rare  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare</p> <p><b>British National Grid (m):</b> 462353E, 297999N</p> <p><b>WGS84 (Lat/Long):</b> 52.5763°N, -1.0813°E</p>	
<b>TN2</b>	<p>Mature Tree - Ash (Moderate)</p> <p>Height to 20m. Covered in Ivy. Half over sailing road. Small knot holes. Two other ash trees nearby are much smaller without suitable spots for bats.</p> <p><b>British National Grid (m):</b> 462364E, 297950N</p> <p><b>WGS84 (Lat/Long):</b> 52.5758°N, -1.0812°E</p>	
<b>TN3</b>	<p><b>u1c Artificially unvegetated, unsealed surface</b></p> <p>Unvegetated ground near gateway in field 1.</p> <p><b>British National Grid (m):</b> 462444E, 298045N</p> <p><b>WGS84 (Lat/Long):</b> 52.5767°N, -1.08°E</p>	
<b>TN4</b>	<p><b>h2a Native hedgerow - Hedge 1</b></p> <p>Hawthorn hedgerow mostly 1.5m high by 2m wide. Fenced to keep stock in. Occasional ash trees. Gap between ground and shrub canopy 70cm for 90% of hedge.</p> <p><b>Condition: Moderate</b></p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Blackthorn <i>Prunus spinosa</i> Frequent</p>	




	<p>Wych Elm <i>Ulmus glabra</i> Locally abundant  Ash <i>Fraxinus excelsior</i> Occasional  Field Maple <i>Acer campestre</i> Rare  Elder <i>Sambucus nigra</i> Rare  Dog roses <i>Rosa canina</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p>Common Nettle <i>Urtica dioica</i> Abundant  Cleavers <i>Galium aparine</i> Frequent  Cow Parsley <i>Anthriscus sylvestris</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Rare  White Dead-nettle <i>Lamium album</i> Rare</p> <p><b>British National Grid (m):</b> 462448E, 297879N  <b>WGS84 (Lat/Long):</b> 52.5752°N, -1.0799°E</p>	
<b>TN5</b>	<p><b>Mature Trees – Oaks (Low)</b></p> <p>Two mature <i>Quercus robur</i> in hedge 1. Girth of larger tree to 2.5m. Old tree house. Rotten limbs low suitability for bats. Nesting birds heard.</p> <p><b>British National Grid (m):</b> 462593E, 298012N  <b>WGS84 (Lat/Long):</b> 52.5764°N, -1.0778°E</p>	
<b>TN6</b>	<p><b>Mature Tree – Oak (Low)</b></p> <p><i>Quercus cerris</i> to 30m. Low suitability for roosting bats. No clear cavities. Healthy tree. Girth to 2.5m.</p> <p><b>British National Grid (m):</b> 462505E, 298114N  <b>WGS84 (Lat/Long):</b> 52.5773°N, -1.0791°E</p>	
<b>TN7</b>	<p><b>c1c7 Other cereal crops - Field 2</b></p> <p>Arable crop of spring barley. Height 25cm, cover 95%.</p> <p><b>Species</b></p> <p>Two-rowed Barley (broad sense) <i>Hordeum distichon</i>  Dominant  Perennial Rye-grass <i>Lolium perenne</i> Rare  Swine-cresses <i>Lepidium</i> Rare  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Rough Meadow-grass <i>Poa trivialis</i> Rare  Common Chickweed <i>Stellaria media</i> Rare</p>	




	<p>Common Nettle <i>Urtica dioica</i> Rare Soft-brome <i>Bromus hordeaceus</i> Rare</p> <p><b>British National Grid (m):</b> 462614E, 298130N <b>WGS84 (Lat/Long):</b> 52.5774°N, -1.0774°E</p>	
<b>TN8</b>	<p><b>Dead Tree - Ash</b></p> <p>May be suitable for bats or nesting birds.</p> <p><b>British National Grid (m):</b> 462621E, 297997N <b>WGS84 (Lat/Long):</b> 52.5762°N, -1.0774°E</p>	
<b>TN9</b>	<p><b>c1c7 Other cereal crops - Field 3</b></p> <p>Recently sown arable field with maize. Cover 1%. Bare earth 99%.</p> <p><b>British National Grid (m):</b> 462757E, 298008N <b>WGS84 (Lat/Long):</b> 52.5763°N, -1.0753°E</p>	
<b>TN10</b>	<p><b>Mature Tree – Oak (Low)</b></p> <p><i>Quercus cerris</i>. To 25m. Small knot holes. Low suitability.</p> <p><b>British National Grid (m):</b> 462672E, 297958N <b>WGS84 (Lat/Long):</b> 52.5759°N, -1.0766°E</p>	
<b>TN11</b>	<p><b>h2a 190 Native hedgerow; with trees - Hedge 2.</b></p> <p>Managed hedgerow. Height 1.5m, 2m wide. Fence. Not gappy as hedge 1. Standard ash trees. Some with dieback. Hedge taller on boundary with golf course to 4m.</p> <p><b>Condition: Good</b></p> <p><b>Species</b></p> <p>Blackthorn <i>Prunus spinosa</i> Dominant Hawthorn <i>Crataegus monogyna</i> Frequent</p>	





	<p>Ash <i>Fraxinus excelsior</i> Frequent                  Field Maple <i>Acer campestre</i> Rare                  Dog roses <i>Rosa canina</i> Rare                  English Elm <i>Ulmus procera</i> Occasional                  Apple <i>Malus domestica</i> Rare                  Cherry Plum <i>Prunus cerasifera</i> Rare                  Elder <i>Sambucus nigra</i> Rare</p> <p>Black Bryony <i>Tamus communis</i> Occasional                  Cow Parsley <i>Anthriscus sylvestris</i> Frequent                  Cleavers <i>Galium aparine</i> Frequent                  Rough Meadow-grass <i>Poa trivialis</i> Occasional                  Soft-brome <i>Bromus hordeaceus</i> Occasional                  False Oat-grass <i>Arrhenatherum elatius</i> Occasional                  Barren Brome <i>Anisantha sterilis</i> Occasional</p> <p><b>British National Grid (m):</b> 462846E, 297935N  <b>WGS84 (Lat/Long):</b> 52.5756°N, -1.0741°E</p>	
<p><b>TN12</b></p>	<p><b>Mature Trees - Ash (Moderate)</b></p> <p>Moderate suitability ash trees in hedge 2. Small rot holes and rotting limb.</p> <p><b>British National Grid (m):</b> 462806E, 297896N  <b>WGS84 (Lat/Long):</b> 52.5753°N, -1.0747°E</p>	
<p><b>TN13</b></p>	<p><b>Mature Tree – Ash (Low)</b></p> <p>Two mature ash trees part of hedge 2. Low suitability for bats. Ivy covering.</p> <p><b>British National Grid (m):</b> 462896E, 297992N  <b>WGS84 (Lat/Long):</b> 52.5761°N, -1.0733°E</p>	
<p><b>TN14</b></p>	<p><b>Mature Tree – Ash (Moderate)</b></p> <p>Moderate suitability for bats. Ivy covered. With dieback and split limb.</p>	

	<p><b>British National Grid (m):</b> 462361E, 298102N</p> <p><b>WGS84 (Lat/Long):</b> 52.5772°N, -1.0812°E</p>	
TN15	<p><b>Mature Tree - Ash (Low)</b></p> <p>Covered in old ivy growth, low suitability.</p> <p><b>British National Grid (m):</b> 462391E, 298115N</p> <p><b>WGS84 (Lat/Long):</b> 52.5773°N, -1.0807°E</p>	
TN16	<p><b>Mature Tree - Ash (Moderate)</b></p> <p>Ivy covering and small knot holes. Moderate suitability.</p> <p><b>British National Grid (m):</b> 462472E, 298161N</p> <p><b>WGS84 (Lat/Long):</b> 52.5777°N, -1.0795°E</p>	
TN17	<p><b>Mature Trees - Ash and Oak (Moderate)</b></p> <p>A series of mature trees with opportunities for bats and small knot holes.</p> <p><b>British National Grid (m):</b> 462487E, 298167N</p> <p><b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0793°E</p>	
TN18	<p><b>Mature Tree - Oak (pLWS)</b></p> <p><i>Quercus robur</i> to 30m, girth to 3m. In hedge 3.</p> <p><b>British National Grid (m):</b> 462513E, 298182N</p> <p><b>WGS84 (Lat/Long):</b> 52.5779°N, -1.0789°E</p>	



		
<p><b>TN19</b></p>	<p><b>h2a 190 191 Native hedgerow; with trees and associated ditch - Hedge 3</b></p> <p>Avg height 3.5m, width 3.5m. Cover 95%. Gaps to 5%. Not stock proof. Ditch on south side. Fence.</p> <p><b>Condition: Good</b></p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Common Ivy <i>Hedera helix</i> Rare  Ash <i>Fraxinus excelsior</i> Rare  Dog roses <i>Rosa canina</i> Occasional  Grey Willow <i>Salix cinerea</i> Rare  Blackthorn <i>Prunus spinosa</i> Occasional  Elder <i>Sambucus nigra</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Frequent  Pedunculate Oak <i>Quercus robur</i> Rare  English Elm <i>Ulmus procera</i> Rare</p> <p>Common Nettle <i>Urtica dioica</i> Frequent  Cleavers <i>Galium aparine</i> Frequent  Soft-brome <i>Bromus hordeaceus</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Locally frequent  Rough Meadow-grass <i>Poa trivialis</i> Occasional  Barren Brome <i>Anisantha sterilis</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Wood Dock <i>Rumex sanguineus</i> Rare  False Oat-grass <i>Arrhenatherum elatius</i> Rare</p> <p><b>British National Grid (m):</b> 462538E, 298191N  <b>WGS84 (Lat/Long):</b> 52.578°N, -1.0785°E</p>	
<p><b>TN20</b></p>	<p><b>Ditch - Hedge 3</b></p> <p>Ditch choked with nettles, cleavers and great willowherb. To 1m wide. Standing water.</p> <p><b>Condition: Poor</b></p> <p><b>Species</b></p> <p>Common Nettle <i>Urtica dioica</i>  Great Willowherb <i>Epilobium hirsutum</i></p>	




	<p>Cleavers <i>Galium aparine</i></p> <p><b>British National Grid (m):</b> 462552E, 298199N</p> <p><b>WGS84 (Lat/Long):</b> 52.578°N, -1.0783°E</p>	
TN21	<p><b>Mature Tree - Ash (Moderate)</b></p> <p>Mature Tree with split limb. Moderate suitability for bats.</p> <p><b>British National Grid (m):</b> 462594E, 298217N</p> <p><b>WGS84 (Lat/Long):</b> 52.5782°N, -1.0777°E</p>	
TN22	<p><b>Mature Tree - Ash (pLWS, low)</b></p> <p>Mature ash in hedge 2, to 30m. Some small knot holes, low suitability for bats. Girth to 3m.</p> <p><b>British National Grid (m):</b> 462709E, 298175N</p> <p><b>WGS84 (Lat/Long):</b> 52.5778°N, -1.076°E</p>	
TN23	<p><b>c1b - Temporary grass and clover leys - Field 4</b></p> <p>Temporary grassland that is in rotation with arable crops. Currently sheep grazed. Cover 90%. Skylarks above. Sward height from 5-20cm.</p> <p><b>Species</b></p> <p>Rough Meadow-grass <i>Poa trivialis</i> Dominant                  Perennial Rye-grass <i>Lolium perenne</i> Frequent                  Annual Meadow-grass <i>Poa annua</i> Rare                  Cock's-foot <i>Dactylis glomerata</i> Rare                  Spear Thistle <i>Cirsium vulgare</i> Locally frequent                  Sticky Mouse-ear <i>Cerastium glomeratum</i> Occasional                  Creeping Soft-grass <i>Holcus mollis</i> Rare                  Soft-brome <i>Bromus hordeaceus</i> Rare                  Creeping Thistle <i>Cirsium arvense</i> Rare                  Common Mouse-ear <i>Cerastium fontanum</i> Rare                  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare                  Creeping Buttercup <i>Ranunculus repens</i> Rare</p>	




	<p><b>British National Grid (m):</b> 462636E, 297985N</p> <p><b>WGS84 (Lat/Long):</b> 52.5761°N, -1.0771°E</p>	
TN24	<p><b>Mature Trees - Oak &amp; Ash (Moderate)</b></p> <p>Group of trees in hedge 1, field 4. Small rot holes in ash and a split in oak. Moderate suitability.</p> <p><b>British National Grid (m):</b> 462753E, 297826N</p> <p><b>WGS84 (Lat/Long):</b> 52.5747°N, -1.0754°E</p>	
TN25	<p><b>Mature Trees – Ash (moderate)</b></p> <p>Two mature ash trees next to driveway. Ivy covered and with small rot holes. Tree nearest to road with bad ash dieback. Moderate suitability for bats.</p> <p><b>British National Grid (m):</b> 462378E, 297942N</p> <p><b>WGS84 (Lat/Long):</b> 52.5757°N, -1.081°E</p>	

## WIG\_007 – TARGET NOTES




<b>Project Name</b>	<b>Oadby Wigston LWS (WIG_007)</b>
<b>Date of Survey</b>	3 August 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	19°C
<b>Cloud Cover</b>	40%
<b>Wind</b>	4 - Moderate wind
<b>Precipitation</b>	No precipitation

Target Note	Description	Photos
<b>TN1</b>	<p>h2a6 191 11 Other native hedgerow; with associated ditch; and scattered trees</p> <p>Hawthorn hedge with ditch on Southern side height 2m, width 2.5 m not gappy at base canopy cover 90% with a 4m gap at driveway entrance and scattered trees.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Pedunculate Oak <i>Quercus robur</i> Rare  Blackthorn <i>Prunus spinosa</i> Frequent  Ash <i>Fraxinus excelsior</i> Rare  Dog roses <i>Rosa canina</i> Rare</p> <p>Common Ivy <i>Hedera helix</i> Frequent  Bramble <i>Rubus fruticosus</i> Frequent  Bittersweet <i>Solanum dulcamara</i> Occasional  Black Bryony <i>Tamus communis</i> Occasional  Common Nettle <i>Urtica dioica</i> Occasional  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Cleavers <i>Galium aparine</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Rare  Herb-Robert <i>Geranium robertianum</i> Rare  Creeping Thistle <i>Cirsium arvense</i> Locally frequent  White Dead-nettle <i>Lamium album</i> Rare</p> <p><b>British National Grid (m):</b> 462142E, 298097N  <b>WGS84 (Lat/Long):</b> 52.5772°N, -1.0844°E</p>	
<b>TN2</b>	<p>g 74 Grassland; ploughed</p> <p>Fields 1a &amp; 1b recently ploughed up. Seems to have previously been a grassland. According to resident was ploughed yesterday (03.08.23). Species list from edges.</p> <p><b>Species</b></p> <p>Cock's-foot <i>Dactylis glomerata</i>  Perennial Rye-grass <i>Lolium perenne</i>  Red Fescue <i>Festuca rubra</i></p>	

	<p>False Oat-grass <i>Arrhenatherum elatius</i>                  Common Couch <i>Elymus repens</i>                  Yorkshire-fog <i>Holcus lanatus</i>                  Common Bent <i>Agrostis capillaris</i>                  Timothy <i>Phleum pratense</i>                  Annual Meadow-grass <i>Poa annua</i></p> <p>Common Knapweed <i>Centaurea nigra</i>                  Common Bird's-foot-trefoil <i>Lotus corniculatus</i>                  Hogweed <i>Heracleum sphondylium</i>                  Dandelion <i>Taraxacum agg.</i>                  Creeping Buttercup <i>Ranunculus repens</i>                  Ribwort Plantain <i>Plantago lanceolata</i>                  Oxeye Daisy <i>Leucanthemum vulgare</i>                  White Clover <i>Trifolium repens</i>                  Creeping Cinquefoil <i>Potentilla reptans</i>                  Red Clover <i>Trifolium pratense</i>                  Broad-leaved Dock <i>Rumex obtusifolius</i>                  Field Forget-me-not <i>Myosotis arvensis</i></p> <p><b>British National Grid (m):</b> 462214E, 298093N  <b>WGS84 (Lat/Long):</b> 52.5771°N, -1.0833°E</p>	
<p><b>TN3</b></p>	<p>Mature Tree - Ash (High, pLWS)</p> <p>Mature Ash to 25m tall around 2m girth chest height with large wound on secondary trunk which has clear cavities that may be suitable for roosting birds or bats. Woodpecker holes present. Large split on northern trunk.</p> <p><b>British National Grid (m):</b> 462054E, 298127N  <b>WGS84 (Lat/Long):</b> 52.5774°N, -1.0857°E</p>	
<p><b>TN4</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Mature ash with dieback that has been damaged but has open hole that may be suitable for bats.</p> <p><b>British National Grid (m):</b> 462068E, 298120N  <b>WGS84 (Lat/Long):</b> 52.5774°N, -1.0855°E</p>	
<p><b>TN5</b></p>	<p>Ditch (Wet)</p>	





	<p>Ditch flowing east to west. Approximately 0.75m wide with 0.5m of bank vegetation either side. Small amount of flow. Water pooling near the trackway and willows. Heron seen here and residents <b>report seeing grass snakes</b> here too.</p> <p><b>Species</b></p> <p>Great Willowherb <i>Epilobium hirsutum</i> Abundant          Yellow Iris <i>Iris pseudacorus</i> Occasional          Fool's-water-cress <i>Apium nodiflorum</i> Frequent          Meadowsweet <i>Filipendula ulmaria</i> Abundant          Reed Sweet-grass <i>Glyceria maxima</i> Locally frequent</p> <p>Common Nettle <i>Urtica dioica</i> Locally abundant          Bramble <i>Rubus fruticosus</i> Occasional          False Oat-grass <i>Arrhenatherum elatius</i> Frequent          Hogweed <i>Heracleum sphondylium</i> Occasional          Meadow Vetchling <i>Lathyrus pratensis</i> Occasional          Cleavers <i>Galium aparine</i> Rare          Ash <i>Fraxinus excelsior</i> Rare          Hedge Woundwort <i>Stachys sylvatica</i> Rare          Grey Willow <i>Salix cinerea</i> Rare          Butterfly-bush <i>Buddleja davidii</i> Rare</p> <p><b>British National Grid (m):</b> 462064E, 298159N  <b>WGS84 (Lat/Long):</b> 52.5777°N, -1.0856°E</p>	
<p><b>TN6</b></p>	<p>Mature Trees - Weeping willows</p> <p>Two weeping willows <i>Salix x pendulina</i> either side of trackway. Associated with ditch. In good health to 15m tall.</p> <p><b>British National Grid (m):</b> 462147E, 298120N  <b>WGS84 (Lat/Long):</b> 52.5774°N, -1.0843°E</p>	
<p><b>TN7</b></p>	<p>Mature Tree - Oak (Low, pLWS)</p> <p>Mature oak to 15m with leading trunk split off (veteran feature). Girth to 3m. Possibly suitable for opportunistic bats where it was split. Potential LWS.</p> <p><b>British National Grid (m):</b> 462133E, 298098N  <b>WGS84 (Lat/Long):</b> 52.5772°N, -1.0845°E</p>	
<p><b>TN8</b></p>	<p>Mature Tree - Ash (Low)</p>	







	<p>Ash in H2 with dieback and many canker wounds possibly suitable for opportunistic bats, may be suitable for roosting birds as well. Height to 12 m.</p> <p><b>British National Grid (m):</b> 462254E, 298066N</p> <p><b>WGS84 (Lat/Long):</b> 52.5769°N, -1.0828°E</p>	
<b>TN9</b>	<p>h2a5 190 191 Species-rich native hedgerow with associated ditch and trees</p> <p>Hedge 2: Hawthorn dominated hedge that is on average 3m tall by 2.5m wide with associated ditch and trees. Not gappy at base. Canopy is 95% cover with standard ash trees throughout length.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Frequent  Pedunculate Oak <i>Quercus robur</i> Rare  Hawthorn <i>Crataegus monogyna</i> Dominant  Dog roses <i>Rosa canina</i> Occasional  Elder <i>Sambucus nigra</i> Occasional  Blackthorn <i>Prunus spinosa</i> Locally frequent</p> <p>Common Ivy <i>Hedera helix</i> Occasional  Bramble <i>Rubus fruticosus</i> Occasional  Common Nettle <i>Urtica dioica</i> Frequent  Cleavers <i>Galium aparine</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Frequent  Wood Dock <i>Rumex sanguineus</i> Occasional  False Oat-grass <i>Arrhenatherum elatius</i> Locally frequent  Wood Avens <i>Geum urbanum</i> Rare  Hedge Woundwort <i>Stachys sylvatica</i> Rare  Bittersweet <i>Solanum dulcamara</i> Rare  Spear Thistle <i>Cirsium vulgare</i> Rare</p> <p><b>British National Grid (m):</b> 462406E, 298241N</p> <p><b>WGS84 (Lat/Long):</b> 52.5784°N, -1.0805°E</p>	
<b>TN10</b>	<p>Mature Tree - Ash (Low, pLWS)</p> <p>Ash tree to 20m with heart rot and leading limb split, greater spotted woodpecker seen pecking limbs, woodpecker holes and cavities present. Ash dieback affecting tree heavily. Possible LWS. Girth to 1.8m.</p> <p><b>British National Grid (m):</b> 462392E, 298263N</p> <p><b>WGS84 (Lat/Long):</b> 52.5786°N, -1.0807°E</p>	
<b>TN11</b>	c1c7 Other cereal crops	

	<p>Bread wheat <i>Triticum aestivum</i> crop. Cover 99%, height 75cm. Hare seen here.</p> <p><b>British National Grid (m):</b> 462381E, 298286N</p> <p><b>WGS84 (Lat/Long):</b> 52.5788°N, -1.0808°E</p>	
<b>TN12</b>	<p>h3h 11 16 Mixed scrub; with scattered trees and tall herb</p> <p>Mixed scrub area with tall herbs surrounding a small pond. Scattered trees are crack willows <i>Salix fragilis</i>.</p> <p><b>Species</b></p> <p>Crack-willow <i>Salix fragilis</i> Frequent</p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant Goat Willow <i>Salix caprea</i> Rare Silver Birch <i>Betula pendula</i> Rare Elder <i>Sambucus nigra</i> Frequent Bramble <i>Rubus fruticosus</i> Frequent Dog roses <i>Rosa canina</i> Occasional</p> <p>Large Bindweed <i>Calystegia silvatica</i> Frequent Bristly Oxtongue <i>Helminthotheca echioides</i> Rare Spear Thistle <i>Cirsium vulgare</i> Occasional Wild-oat <i>Avena fatua</i> Rare Black Medick <i>Medicago lupulina</i> Occasional Scentless Mayweed <i>Tripleurospermum inodorum</i> Occasional Upright Hedge-parsley <i>Torilis japonica</i> Rare Smooth Hawk's-beard <i>Crepis capillaris</i> Rare False Oat-grass <i>Arrhenatherum elatius</i> Frequent Great Willowherb <i>Epilobium hirsutum</i> Frequent Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional Common Ragwort <i>Senecio jacobaea</i> Rare Common Nettle <i>Urtica dioica</i> Abundant Creeping Buttercup <i>Ranunculus repens</i> Occasional Wood Avens <i>Geum urbanum</i> Rare Wood Dock <i>Rumex sanguineus</i> Occasional</p> <p><b>British National Grid (m):</b> 462219E, 298275N</p> <p><b>WGS84 (Lat/Long):</b> 52.5788°N, -1.0832°E</p>	
<b>TN13</b>	<p>Pond 1</p> <p>Field pond that is around 12m by 4m. Shaded entirely by scrub and crack willow trees. No aquatic vegetation. Water appears murky and access is limited.</p> <p><b>British National Grid (m):</b> 462231E, 298298N</p>	




	<b>WGS84 (Lat/Long):</b> 52.579°N, -1.0831°E	
<b>TN14</b>	<p>Mature Tree - Crack willow (pLWS)</p> <p>Mature crack willow, girth approx. 2.5m. Possible LWS tree.</p> <p><b>British National Grid (m):</b> 462234E, 298297N</p> <p><b>WGS84 (Lat/Long):</b> 52.579°N, -1.083°E</p>	
<b>TN15</b>	<p>u1d</p> <p>Residential property entrance</p> <p><b>British National Grid (m):</b> 462230E, 298330N</p> <p><b>WGS84 (Lat/Long):</b> 52.5793°N, -1.0831°E</p>	
<b>TN16</b>	<p>u1e 68 Mortared wall</p> <p>Surrounding the Seven oaks Farmhouse.</p> <p><b>British National Grid (m):</b> 462310E, 298348N</p> <p><b>WGS84 (Lat/Long):</b> 52.5794°N, -1.0819°E</p>	
<b>TN17</b>	<p>h2a6 11 191 Other native hedgerow with associated ditch and scattered trees</p> <p>Hedge 3: Hawthorn dominated hedge with scattered trees. Height avg. 2.5m, width 2m. Herbaceous strip between hedge and crop 0.5m to 1m. Base not gappy. Canopy cover 90%.</p> <p><b>Species</b></p> <p>Turkey Oak <i>Quercus cerris</i> Rare</p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Blackthorn <i>Prunus spinosa</i> Occasional  Elder <i>Sambucus nigra</i> Occasional  Dog roses <i>Rosa canina</i> Occasional  Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Bramble <i>Rubus fruticosus</i> Frequent  Cleavers <i>Galium aparine</i> Abundant  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Hedge Woundwort <i>Stachys sylvatica</i> Rare  Common Nettle <i>Urtica dioica</i> Locally abundant  Common Couch <i>Elymus repens</i> Frequent  Hogweed <i>Heracleum sphondylium</i> Occasional  Spear Thistle <i>Cirsium vulgare</i> Rare  Creeping Bent <i>Agrostis stolonifera</i> Occasional  Black Bryony <i>Tamus communis</i> Rare</p>	




	<p><b>British National Grid (m):</b> 462343E, 298421N</p> <p><b>WGS84 (Lat/Long):</b> 52.5801°N, -1.0814°E</p>	
<b>TN18</b>	<p>Mature Tree - <i>Quercus cerris</i> (pLWS, Low)</p> <p>Mature <i>Quercus cerris</i> to 30m. Within hedge 3. Generally in good health with no obvious roosting features, low?. Girth to 2.5m approx.</p> <p><b>British National Grid (m):</b> 462363E, 298453N</p> <p><b>WGS84 (Lat/Long):</b> 52.5803°N, -1.0811°E</p>	
<b>TN19</b>	<p>h3h 11 16 Mixed scrub with scattered trees and tall herb</p> <p>Hawthorn scrub area with field pond and ash trees.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Dominant</p> <p>Bramble <i>Rubus fruticosus</i> Frequent</p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Frequent</p> <p>Field Bindweed <i>Convolvulus arvensis</i> Occasional</p> <p><b>British National Grid (m):</b> 462344E, 298502N</p> <p><b>WGS84 (Lat/Long):</b> 52.5808°N, -1.0814°E</p>	
<b>TN20</b>	<p>Pond 2</p> <p>Field pond with scrub and tall herb surrounding it. Limited aquatic vegetation, shade 15%. 12m by 10m.</p> <p><b>Species</b></p> <p>Bittersweet <i>Solanum dulcamara</i> Occasional</p> <p>Duckweeds <i>Lemna sp.</i> Occasional</p> <p><b>British National Grid (m):</b> 462329E, 298481N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0816°E</p>	
<b>TN21</b>	<p>h2a5 190 191 Species-rich native hedgerow with trees and associated ditch. (Moderate to High, Bats)</p> <p>Hawthorn hedge, with species as similar to hedge 3 but with Ash and oak standards. Height 2.5m, width 2m. Canopy 90% with some gaps in the shrub component to 5m. There are many mature ash and turkey oak trees in</p>	




	<p>this hedgerow that may be suitable for roosting bats. Further assessment is advised.</p> <p><b>British National Grid (m):</b> 462397E, 298297N</p> <p><b>WGS84 (Lat/Long):</b> 52.5789°N, -1.0806°E</p>	
<b>TN22</b>	<p>Mature Trees - Ash (Moderate, pLWS)</p> <p>A series of 4 Ash trees with dieback. Many have holes from woodpeckers as well as split limbs and heart rot cavities. Two of the four are likely to be potential local wildlife sites with girth of the larger trees, reaching 2 to 2.5 m.</p> <p><b>British National Grid (m):</b> 462393E, 298292N</p> <p><b>WGS84 (Lat/Long):</b> 52.5789°N, -1.0807°E</p>	
<b>TN23</b>	<p>Mature Tree - <i>Quercus cerris</i> (pLWS?)</p> <p>Mature turkey oak to 30m. Minimal damage in good health generally. Girth at chest height approx. 3m. With some ivy on lower trunk.</p> <p><b>British National Grid (m):</b> 462479E, 298316N</p> <p><b>WGS84 (Lat/Long):</b> 52.5791°N, -1.0794°E</p>	
<b>TN24</b>	<p>Mature Tree - <i>Quercus cerris</i> (pLWS)</p> <p>Large tree to 30m. Girth to 3.2m approx. Good health. Possible pLWS.</p> <p><b>British National Grid (m):</b> 462665E, 298425N</p> <p><b>WGS84 (Lat/Long):</b> 52.5801°N, -1.0766°E</p>	

## WIG\_009 – TARGET NOTES


<b>Project Name</b>	Oadby & Wigston LWS – WIG_009
<b>Date of Survey</b>	12 September 2023
<b>Surveyor</b>	Richard Brown
<b>Temperature</b>	18°C
<b>Cloud Cover</b>	100%
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	Moderate rain (between 1 and 4mm/hr)



Target Note	Description	Photos																																				
<b>TN1</b>	<p>u1c Artificially unvegetated, unsealed surface</p> <p>Stone haul road along entire North section of site.</p> <p><b>British National Grid (m):</b> 460929E, 297155N</p> <p><b>WGS84 (Lat/Long):</b> 52.5688°N, -1.1025°E</p>																																					
<b>TN2</b>	<p>Watercourse</p> <p>Culverted stream under railway embankment to the north of site.</p> <p><b>British National Grid (m):</b> 460920E, 297168N</p> <p><b>WGS84 (Lat/Long):</b> 52.569°N, -1.1026°E</p>																																					
<b>TN3</b>	<p>h2a</p> <p>Hedge 1: hedgerow along southern side of haul Road. Hawthorn dominated and looks to be semi regular flailed.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Elder</td> <td><i>Sambucus nigra</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Hawthorn</td> <td><i>Crataegus monogyna</i></td> <td></td> <td>Dominant</td> </tr> <tr> <td>Blackthorn</td> <td><i>Prunus spinosa</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Bramble</td> <td><i>Rubus fruticosus agg.</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Field-rose</td> <td><i>Rosa arvensis</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>Perennial rye-grass</td> <td><i>Lolium perenne</i></td> <td>Ground Flora</td> <td>Dominant</td> </tr> <tr> <td>Creeping buttercup</td> <td><i>Ranunculus repens</i></td> <td>Ground Flora</td> <td>Frequent</td> </tr> <tr> <td>Creeping thistle</td> <td><i>Cirsium arvense</i></td> <td>Ground Flora</td> <td>Frequent</td> </tr> </tbody> </table>	Common Name	Latin Name	Position	Dafor	Elder	<i>Sambucus nigra</i>		Abundant	Hawthorn	<i>Crataegus monogyna</i>		Dominant	Blackthorn	<i>Prunus spinosa</i>		Frequent	Bramble	<i>Rubus fruticosus agg.</i>		Frequent	Field-rose	<i>Rosa arvensis</i>		Occasional	Perennial rye-grass	<i>Lolium perenne</i>	Ground Flora	Dominant	Creeping buttercup	<i>Ranunculus repens</i>	Ground Flora	Frequent	Creeping thistle	<i>Cirsium arvense</i>	Ground Flora	Frequent	
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	<p><b>British National Grid (m):</b> 460878E, 297187N</p> <p><b>WGS84 (Lat/Long):</b> 52.5691°N, -1.1032°E</p>																																									
<b>TN4</b>	<p>h2a6 11</p> <p>Hedge 2: species poor hedgerow along boundary with single mature ash tree at centre of hedgerow. No bat features. Hedgerow managed on semi regular basis along a wire fence line.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Blackthorn</td> <td><i>Prunus spinosa</i></td> <td></td> <td>Dominant</td> </tr> <tr> <td>Elder</td> <td><i>Sambucus nigra</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>Great willowherb</td> <td><i>Epilobium hirsutum</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>Hawthorn</td> <td><i>Crataegus monogyna</i></td> <td>Canopy</td> <td>Dominant</td> </tr> <tr> <td>Field-rose</td> <td><i>Rosa arvensis</i></td> <td>Canopy</td> <td>Occasional</td> </tr> <tr> <td>Creeping buttercup</td> <td><i>Ranunculus repens</i></td> <td>Ground Flora</td> <td>Frequent</td> </tr> <tr> <td>Creeping thistle</td> <td><i>Cirsium arvense</i></td> <td>Ground Flora</td> <td>Frequent</td> </tr> <tr> <td>White dead-nettle</td> <td><i>Lamium album</i></td> <td>Ground Flora</td> <td>Occasional</td> </tr> <tr> <td>Bramble</td> <td><i>Rubus fruticosus agg.</i></td> <td>Understory</td> <td>Frequent</td> </tr> </tbody> </table> <p><b>British National Grid (m):</b> 460825E, 297181N</p> <p><b>WGS84 (Lat/Long):</b> 52.5691°N, -1.104°E</p>	Common Name	Latin Name	Position	Dafor	Blackthorn	<i>Prunus spinosa</i>		Dominant	Elder	<i>Sambucus nigra</i>		Occasional	Great willowherb	<i>Epilobium hirsutum</i>		Occasional	Hawthorn	<i>Crataegus monogyna</i>	Canopy	Dominant	Field-rose	<i>Rosa arvensis</i>	Canopy	Occasional	Creeping buttercup	<i>Ranunculus repens</i>	Ground Flora	Frequent	Creeping thistle	<i>Cirsium arvense</i>	Ground Flora	Frequent	White dead-nettle	<i>Lamium album</i>	Ground Flora	Occasional	Bramble	<i>Rubus fruticosus agg.</i>	Understory	Frequent	
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<b>TN5</b>	<p>Mammal trails through grassland.</p> <p><b>British National Grid (m):</b> 460778E, 297146N</p> <p><b>WGS84 (Lat/Long):</b> 52.5688°N, -1.1047°E</p>																																									
<b>TN6</b>	<p>Tn6 -Ash tree on site boundary with woodpecker holes north elevation. High suitability tree.</p> <p>Ash tree on site boundary with woodpecker holes north elevation. High suitability tree.</p> <p><b>British National Grid (m):</b> 460749E, 297152N</p> <p><b>WGS84 (Lat/Long):</b> 52.5688°N, -1.1051°E</p>																																									

<p><b>TN7</b></p>	<p>Tn7 - mature ash tree with two large cavity features on Northern elevation at approx 4 and 7m. High suitability for roosting bats and potentially barn owl in one of the features. Although on southern side of boundary, does overhang onto site.</p> <p><b>British National Grid (m):</b> 460763E, 297154N</p> <p><b>WGS84 (Lat/Long):</b> 52.5688°N, -1.1049°E</p>																													
<p><b>TN8</b></p>	<p>Tn 8 - fence . Fence of stock roof stake and wire and heras fence along southern boundary backing onto canal. Generally overgrown.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Creeping thistle</td> <td><i>Cirsium arvense</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Elder</td> <td><i>Sambucus nigra</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Hawthorn</td> <td><i>Crataegus monogyna</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Common nettle</td> <td><i>Urtica dioica</i></td> <td>Ground Flora</td> <td>Abundant</td> </tr> <tr> <td>Large bindweed</td> <td><i>Calystegia silvatica</i></td> <td>Ground Flora</td> <td>Dominant</td> </tr> <tr> <td>Common comfrey</td> <td><i>Symphytum officinale</i></td> <td>Ground Flora</td> <td>Occasional</td> </tr> </tbody> </table> <p><b>British National Grid (m):</b> 460740E, 297163N</p> <p><b>WGS84 (Lat/Long):</b> 52.5689°N, -1.1053°E</p>	Common Name	Latin Name	Position	Dafor	Creeping thistle	<i>Cirsium arvense</i>		Frequent	Elder	<i>Sambucus nigra</i>		Frequent	Hawthorn	<i>Crataegus monogyna</i>		Frequent	Common nettle	<i>Urtica dioica</i>	Ground Flora	Abundant	Large bindweed	<i>Calystegia silvatica</i>	Ground Flora	Dominant	Common comfrey	<i>Symphytum officinale</i>	Ground Flora	Occasional	
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<p><b>TN9</b></p>	<p>Section of canal backing on to site. Historical poaching from cattle can be seen from big ruts but this looked to not be recent with vegetation recovering. Potential for otter and water vole.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Celery-leaved buttercup</td> <td><i>Ranunculus sceleratus</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Gypsywort</td> <td><i>Lycopus europaeus</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Brooklime</td> <td><i>Veronica beccabunga</i></td> <td></td> <td>Dominant</td> </tr> <tr> <td>Hard rush</td> <td><i>Juncus inflexus</i></td> <td></td> <td>Dominant</td> </tr> <tr> <td>Bulrush</td> <td><i>Typha latifolia</i></td> <td></td> <td>Frequent</td> </tr> </tbody> </table>	Common Name	Latin Name	Position	Dafor	Celery-leaved buttercup	<i>Ranunculus sceleratus</i>		Abundant	Gypsywort	<i>Lycopus europaeus</i>		Abundant	Brooklime	<i>Veronica beccabunga</i>		Dominant	Hard rush	<i>Juncus inflexus</i>		Dominant	Bulrush	<i>Typha latifolia</i>		Frequent					
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TN11	<p>Mammal hole - potentially rabbit due to small size approx 20cm x 20cm</p>																																																													


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<b>TN12</b>	<p>Modifies grassland with large ridge and furrow. Furrows dominated by Yorkshire fog and towards the canal creeping Buttercup. Drier ridges are rye dominated. Generally there are 3 to 5 species per m2 from quadrates.</p> <p><b>Species List:</b></p> <table border="1"> <thead> <tr> <th>Common Name</th> <th>Latin Name</th> <th>Position</th> <th>Dafor</th> </tr> </thead> <tbody> <tr> <td>Cock's-foot</td> <td><i>Dactylis glomerata</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Meadow foxtail</td> <td><i>Alopecurus pratensis</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Yorkshire-fog</td> <td><i>Holcus lanatus</i></td> <td></td> <td>Abundant</td> </tr> <tr> <td>Perennial rye-grass</td> <td><i>Lolium perenne</i></td> <td></td> <td>Dominant</td> </tr> <tr> <td>Common bent</td> <td><i>Agrostis capillaris</i></td> <td></td> <td>Frequent</td> </tr> <tr> <td>Creeping thistle</td> <td><i>Cirsium arvense</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>Sweet vernal-grass</td> <td><i>Anthoxanthum odoratum</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>White clover</td> <td><i>Trifolium repens</i></td> <td></td> <td>Occasional</td> </tr> <tr> <td>Ribwort plantain</td> <td><i>Plantago lanceolata</i></td> <td></td> <td>Rare</td> </tr> <tr> <td>Smooth sowthistle</td> <td><i>Sonchus oleraceus</i></td> <td></td> <td>Rare</td> </tr> <tr> <td>Yarrow</td> <td><i>Achillea millefolium</i></td> <td></td> <td>Rare</td> </tr> </tbody> </table> <p><b>British National Grid (m):</b> 460757E, 297241N</p> <p><b>WGS84 (Lat/Long):</b> 52.5696°N, -1.105°E</p>	Common Name	Latin Name	Position	Dafor	Cock's-foot	<i>Dactylis glomerata</i>		Abundant	Meadow foxtail	<i>Alopecurus pratensis</i>		Abundant	Yorkshire-fog	<i>Holcus lanatus</i>		Abundant	Perennial rye-grass	<i>Lolium perenne</i>		Dominant	Common bent	<i>Agrostis capillaris</i>		Frequent	Creeping thistle	<i>Cirsium arvense</i>		Occasional	Sweet vernal-grass	<i>Anthoxanthum odoratum</i>		Occasional	White clover	<i>Trifolium repens</i>		Occasional	Ribwort plantain	<i>Plantago lanceolata</i>		Rare	Smooth sowthistle	<i>Sonchus oleraceus</i>		Rare	Yarrow	<i>Achillea millefolium</i>		Rare	
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## WIG\_010 – TARGET NOTES



<b>Project Name</b>	<b>Oadby &amp; Wigston LWS - WIG_010</b>
<b>Date of Survey</b>	May 5, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	16°C
<b>Cloud Cover</b>	60%
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	Light rain (between 0.25 and 1mm/hr)


Target Note	Description	Photos
<p><b>TN1</b></p>	<p>Mature Tree - Ash (Low Suitability)</p> <p>Ash in hedgerow to 30m with small knot holes. Low suitability for bats.</p> <p><b>British National Grid (m):</b> 462802E, 298738N</p> <p><b>WGS84 (Lat/Long):</b> 52.5829°N, -1.0745°E</p>	
<p><b>TN2</b></p>	<p>c1c7 Cereal crops; Other cereal crops</p> <p>Wheat <i>Triticum aestivum</i> crop with 95% cover, to a height of 35cm. Largely monoculture. Small area of Black-grass <i>Alopecurus myosuroides</i> near the eastern edge of field. Red kite seen overhead.</p> <p><b>British National Grid (m):</b> 462780E, 298755N</p> <p><b>WGS84 (Lat/Long):</b> 52.583°N, -1.0749°E</p>	
<p><b>TN3</b></p>	<p>h2a5 190 191 - Native species-rich hedgerow with trees and ditch (Hedge 1; pLWS)</p> <p>Hedgerow with 95% vegetation cover and a median height of approx. 4m by 5m wide. With frequent Ash trees growing as standards above shrub layer dominated by Hawthorn and Blackthorn. Generally, quite a leggy hedge with hawthorns gappy beneath. Also some canopy gaps. There is a ditch running the length of the hedge that is dry, approx. 2m wide. There is a thin strip of herbaceous vegetation beneath the hedge to 1m wide.</p> <p><b>Species List – Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Blackthorn <i>Prunus spinosa</i> Abundant  Ash <i>Fraxinus excelsior</i> Frequent  Apple <i>Malus domestica</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Frequent</p>	

	<p>Common Ivy <i>Hedera helix</i> Frequent                  Dog-roses <i>Rosa canina s.l.</i> Occasional                  Crab Apple <i>Malus sylvestris</i> Rare                  Field-rose <i>Rosa arvensis</i> Rare                  Elder <i>Sambucus nigra</i> Rare</p> <p><b>Species List – Herbaceous</b></p> <p>Cleavers <i>Galium aparine</i> Abundant                  Nettles <i>Urtica dioica</i> Locally abundant                  Barren Brome <i>Anisantha sterilis</i> Abundant                  Wood Avens <i>Geum urbanum</i> Frequent                  Garlic Mustard <i>Alliaria petiolata</i> Frequent                  Cow Parsley <i>Anthriscus sylvestris</i> Occasional                  Hogweed <i>Heracleum sphondylium</i> Occasional                  Dandelion <i>Taraxacum agg.</i> Occasional                  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare                  Broad-leaved Dock <i>Rumex obtusifolius</i> Rare                  Red Campion <i>Silene dioica</i> Rare                  Meadow Foxtail <i>Alopecurus pratensis</i> Rare</p> <p><b>British National Grid (m):</b> 462786E, 298746N</p> <p><b>WGS84 (Lat/Long):</b> 52.5829°N, -1.0748°E</p>	
<p><b>TN4</b></p>	<p>Mature Tree - Ash (pLWS; Moderate suitability)</p> <p>Mature Ash to 30m with some knot holes. Showing heavy signs of dieback. Measured trunk to exactly 3m.</p> <p><b>British National Grid (m):</b> 462826E, 298720N</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0742°E</p>	
<p><b>TN5</b></p>	<p>Mature Tree - Ash (Moderate suitability)</p> <p>Mature Ash Tree to 35m showing heavy signs of dieback and fungal infection. Small knot holes and cracks in rotten limbs. Measured girth is 2.6m.</p> <p><b>British National Grid (m):</b> 462847E, 298704N</p>	




	<p><b>WGS84 (Lat/Long):</b> 52.5825°N, -1.0739°E</p>	
<b>TN6</b>	<p>h2a 190 (Hedge 2a)</p> <p>Scrubby hedgerow that forms the boundary between the woodland parcel to the south-east. Is managed to keep it back from the field so have recorded as hedgerow. Feature is approx. 6m high by 5m wide. Two meter herbaceous strip to the NW. Fairly gappy. With two large Ash standards that have clear woodpecker holes. Cover 100%.</p> <p><b>Species List - Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant  Blackthorn <i>Prunus spinosa</i> Frequent  English Elm <i>Ulmus procera</i> Frequent  Ash <i>Fraxinus excelsior</i> Frequent  Hazel <i>Corylus avellana</i> Occasional  Common Ivy <i>Hedera helix</i> Occasional  Dog roses <i>Rosa canina</i> s.l. Rare  Elder <i>Sambucus nigra</i> Rare</p> <p><b>Species List - Herbaceous</b></p> <p>Common Nettle <i>Urtica dioica</i> Abundant  Hogweed <i>Heracleum sphondylium</i> Frequent  Cleavers <i>Galium aparine</i> Frequent  Wood Dock <i>Rumex sanguineus</i> Occasional  Wood Avens <i>Geum urbanum</i> Occasional  Broad-leaved Dock <i>Rumex obtusifolius</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Rare  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare  Creeping Buttercup <i>Ranunculus repens</i> Rare</p> <p><b>British National Grid (m):</b> 462992E, 298592N</p> <p><b>WGS84 (Lat/Long):</b> 52.5815°N, -1.0718°E</p>	
<b>TN7</b>	Mature Trees - Ash (Moderate suitability)	




	<p>Two mature Ash trees in the Hedgerow, one with the covering of Ivy, one without, both trees have woodpecker holes, and the ivy-covered tree has canker and many other bark features that may be suitable for roosting bats. Northern tree girth possibly to 3m+, Southern ivy-covered tree slimmer to 2.5m.</p> <p><b>British National Grid (m):</b> 462974E, 298564N</p> <p><b>WGS84 (Lat/Long):</b> 52.5813°N, -1.072°E</p>	
<p><b>TN8</b></p>	<p>h2a Native hedgerow (Hedge 2b)</p> <p>Hawthorn dominated hedgerow to 2.5m high by 3m wide. No trees, regularly managed by flailing. 2m herbaceous strip on the north side on the south side the golf course grass goes straight up to the hedge. Fairly gappy below, not stock proof at all.</p> <p><b>Species List – Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant              Elder <i>Sambucus nigra</i> Rare              Dog roses <i>Rosa canina</i> s.l. Rare              Bramble <i>Rubus fruticosus</i> Rare              Ash <i>Fraxinus excelsior</i> Rare              Field Maple <i>Acer campestre</i> Rare</p> <p><b>Species List – Herbaceous</b></p> <p>Broad-leaved Dock <i>Rumex obtusifolius</i> Abundant              Common Nettle <i>Urtica dioica</i> Locally abundant              Common Ivy <i>Hedera helix</i> Frequent              Cleavers <i>Galium aparine</i> Locally abundant              Wood Dock <i>Rumex sanguineus</i> Occasional              Hogweed <i>Heracleum sphondylium</i> Occasional              Cock's-foot <i>Dactylis glomerata</i> Occasional              Creeping Thistle <i>Cirsium arvense</i> Occasional</p>	




	<p>Perennial Rye-grass <i>Lolium perenne</i> Occasional Cow Parsley <i>Anthriscus sylvestris</i> Rare</p> <p><b>British National Grid (m):</b> 462809E, 298484N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0745°E</p>	
<p><b>TN9</b></p>	<p>Mature Trees - Ash (Moderate)</p> <p>Group of three mature Ash trees in Hedge 3. One tree is covered in Ivy and has two woodpecker holes maybe hiding suitable roosting features and the other tree has a split lim with vertical cavities</p> <p><b>British National Grid (m):</b> 462758E, 298481N</p> <p><b>WGS84 (Lat/Long):</b> 52.5805°N, -1.0752°E</p>	
<p><b>TN10</b></p>	<p>Native hedgerow with trees and associated ditch h2a 190 191 (Hedge 3)</p> <p>Hawthorn and blackthorn hedge with Ash standards to 25m. Shrubby layer height to 5 meters, width average approx. 4m. Ditch on the West side. Cover 100%. Hawthorn fairly leggy so quite gappy beneath. Herbaceous vegetation strip 2m wide on the east side and a ditch and a vegetation strip 1.5 meters wide on the west side. Vegetation as per other hedges.</p> <p><b>Species List - Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant Dog roses <i>Rosa canina</i> s.l. Frequent Ash <i>Fraxinus excelsior</i> Frequent Bramble <i>Rubus fruticosus</i> agg. Occasional Common Ivy <i>Hedera helix</i> Occasional Blackthorn <i>Prunus spinosa</i> Frequent</p>	




	<p>Elder <i>Sambucus nigra</i> Rare                  Apple <i>Malus domestica</i> Rare</p> <p><b>Species List – Herbaceous</b>                  As previous</p> <p><b>British National Grid (m):</b> 462760E, 298482N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0752°E</p>	
<p><b>TN11</b></p>	<p>Mature Trees - Ash x2 (Moderate)</p> <p>2 mature Ash trees one with cracked limbs and deep knotholes. Girth of largest to 2.5m. To 30m tall, with signs of Ash dieback.</p> <p><b>British National Grid (m):</b> 462537E, 298658N</p> <p><b>WGS84 (Lat/Long):</b> 52.5822°N, -1.0785°E</p>	
<p><b>TN12</b></p>	<p>h2a 190 191 Native hedgerow with trees and associated ditch (Hedge 4)</p> <p>Hawthorn hedge with Ash standards height to 5 meters by five meters wide, with ditch on North side. Cover 100% slightly leggy and gappy beneath. Herbaceous vegetation strip on the south side two to three meters wide, on the north side there's a ditch and then a small strip one meter wide.</p> <p><b>Species List – Woody</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant                  Ash <i>Fraxinus excelsior</i> Frequent                  Bramble <i>Rubus fruticosus</i> agg. Frequent                  Elder <i>Sambucus nigra</i> Occasional                  Dog roses <i>Rosa canina</i> Occasional                  Common Ivy <i>Hedera helix</i> Occasional                  English Elm <i>Ulmus procera</i> Rare                  Field Maple <i>Acer campestre</i> Rare                  Apple <i>Malus domestica</i> Rare</p> <p><b>Species List – Herbaceous</b></p>	



	<p><i>As previous, with additions below</i></p> <p>White Dead-nettle <i>Lamium album</i> Occasional                  Germander Speedwell <i>Veronica chamaedrys</i>                  Occasional</p> <p><b>British National Grid (m):</b> 462607E, 298867N</p> <p><b>WGS84 (Lat/Long):</b> 52.584°N, -1.0774°E</p>	
<p><b>TN13</b></p>	<p>Mature Tree - Ash (Low)</p> <p>Mature Ash Tree to 30 meters tall suffering from Ash die back and canker lots of small rot holes maybe suitable for roosting bats, slight covering of Ivy. Girth approx. 2.5m.</p> <p><b>British National Grid (m):</b> 462497E, 298854N</p> <p><b>WGS84 (Lat/Long):</b> 52.5839°N, -1.079°E</p>	
<p><b>TN14</b></p>	<p>Mature Tree - Ash (Low; PLWS)</p> <p>Ash Tree to around 30 m tall not many holes for bats but seems to be quite wide at base. Girth approx. 3.5m</p> <p><b>British National Grid (m):</b> 462455E, 298828N</p> <p><b>WGS84 (Lat/Long):</b> 52.5837°N, -1.0797°E</p>	
<p><b>TN15</b></p>	<p>Veteran Tree - Oak (High suitability; pLWS)</p> <p><i>Quercus robur</i> to 25m high with many features. Girth measured at 4.3m. Moderate suitability for bats. Very likely to become LWS.</p> <p><b>British National Grid (m):</b> 462382E, 298748N</p> <p><b>WGS84 (Lat/Long):</b> 52.583°N, -1.0807°E</p>	

		
<p><b>TN16</b></p>	<p>Pond (Woodland 1)</p> <p>Small woodland pond to 1m deep. Green algae suggesting nutrient enrichment. Amphibians present. No macrophytes. HSI completed.</p> <p><b>British National Grid (m):</b> 462457E, 298718N</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0796°E</p>	
<p><b>TN17</b></p>	<p>w1f Lowland mixed deciduous woodland (Woodland 1)</p> <p>Ash woodland that seems to have developed between two hedgerows. Canopy height around 25m; canopy cover 70% with Bramble and hawthorn scrub making up 30%. Small pond present in the woodland. Ground flora limited. Clear signs of nutrient enrichment throughout the woodland.</p> <p><b>Species List – Canopy</b></p> <p>Ash <i>Fraxinus excelsior</i> Dominant</p> <p><b>Species List – Understorey</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Abundant          Dog roses <i>Rosa canina</i> Frequent          Bramble <i>Rubus fruticosus</i> Occasional          Field Maple <i>Acer campestre</i> Rare          Elder <i>Sambucus nigra</i> Rare</p> <p><b>Species List – Field Layer</b></p> <p>Cleavers <i>Galium aparine</i> Frequent          Wood Avens <i>Geum urbanum</i> Frequent          Wood Dock <i>Rumex sanguineus</i> Frequent</p>	


	<p>Common Nettle <i>Urtica dioica</i> Frequent                  Great Willowherb <i>Epilobium hirsutum</i> Locally abundant                  Cow Parsley <i>Anthriscus sylvestris</i> Occasional                  Cock's-foot <i>Dactylis glomerata</i> Occasional                  Perennial Rye-grass <i>Lolium perenne</i> Occasional                  Meadow Foxtail <i>Alopecurus pratensis</i> Rare                  White Bryony <i>Bryonia dioica</i> Rare                  Bindweed <i>Calystegia</i> sp. Rare                  Hogweed <i>Heracleum sphondylium</i> Rare</p> <p><b>British National Grid (m):</b> 462459E, 298717N</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0796°E</p>	
<p><b>TN18</b></p>	<p>Mature Tree - Ash (High suitability)</p> <p>Tree to 25m. Girth to 2.5m. Ivy covered and with woodpecker holes and obvious cavities.</p> <p><b>British National Grid (m):</b> 462411E, 298720N</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0803°E</p>	
<p><b>TN19</b></p>	<p>Mature Tree – Ash (High)</p> <p>As previous. With woodpecker holes.</p> <p><b>British National Grid (m):</b> 462422E, 298712N</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0802°E</p>	
<p><b>TN20</b></p>	<p>Mature Tree - Ash (High)</p> <p>As previous. Woodpecker holes and cavities.</p> <p><b>British National Grid (m):</b> 462443E, 298700N</p> <p><b>WGS84 (Lat/Long):</b> 52.5826°N, -1.0798°E</p>	




		
<p><b>TN21</b></p>	<p>Mature Trees - Ash</p> <p>As previous, with woodpecker holes.</p> <p><b>British National Grid (m):</b> 462507E, 298668N</p> <p><b>WGS84 (Lat/Long):</b> 52.5823°N, -1.0789°E</p>	
<p><b>TN22</b></p>	<p>Wet Woodland (Woodland 2)</p> <p>w1d</p> <p>Condition: Good</p> <p>Wet woodland (NVC W6b) wedge along the northern boundary. Height to 30m. Seemingly damp and eutrophication with abundant <i>Urtica</i> and <i>Hedera</i>. Dominant canopy species is <i>Salix fragilis</i> with <i>Urtica</i> dominating field layer. Ancient woodland Indicators <i>Ranunculus auricomus</i>, <i>Milium effusum</i>, <i>Tamus communis</i>. Occasional <i>Filipendula ulmaria</i>, seasonal flooding likely.</p> <p><b>Species List – Canopy</b></p> <p>Crack-willow <i>Salix fragilis</i> Dominant Ash <i>Fraxinus excelsior</i> Occasional</p> <p><b>Species List – Understorey</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Frequent Common Ivy <i>Hedera helix</i> Locally abundant Crab Apple <i>Malus sylvestris</i> Rare Dog roses <i>Rosa canina</i> Rare Elder <i>Sambucus nigra</i> Occasional Redcurrant <i>Ribes rubrum</i> Rare</p> <p><b>Species List – Field layer</b></p> <p>Common Nettle <i>Urtica dioica</i> Abundant</p>	




	<p>Lesser Celandine <i>Ficaria verna</i> Abundant  Wood Avens <i>Geum urbanum</i> Frequent  Cleavers <i>Galium aparine</i> Frequent  Cow Parsley <i>Anthriscus sylvestris</i> Locally abundant  Meadowsweet <i>Filipendula ulmaria</i> Locally frequent  Herb-Robert <i>Geranium robertianum</i> Occasional  Wood Dock <i>Rumex sanguineus</i> Occasional  Wood Millet <i>Milium effusum</i> Occasional  Rough Meadow-grass <i>Poa trivialis</i> Occasional  Creeping Buttercup <i>Ranunculus repens</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Hogweed <i>Heracleum sphondylium</i> Occasional  Hedge Woundwort <i>Stachys sylvatica</i> Rare  Garlic Mustard <i>Alliaria petiolata</i> Rare  Germander Speedwell <i>Veronica chamaedrys</i> Rare  Goldilocks Buttercup <i>Ranunculus auricomus</i> Rare  Black Bryony <i>Tamus communis</i> Rare  Tufted Hair-grass <i>Deschampsia cespitosa</i> Rare  Meadow Foxtail <i>Alopecurus pratensis</i> Rare  Brooklime <i>Veronica beccabunga</i> Rare</p> <p><b>British National Grid (m):</b> 462670E, 298901N</p> <p><b>WGS84 (Lat/Long):</b> 52.5843°N, -1.0765°E</p>	
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## WIG\_011 – TARGET NOTES

<b>Project Name</b>	Oadby Wigston LWS WIG_011
<b>Date of Survey</b>	June 29, 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	19°C
<b>Cloud Cover</b>	20%
<b>Wind</b>	1 - Light air
<b>Precipitation</b>	No precipitation




Target Note	Description	Photos
TN1	<p>h2a6 191 Native hedgerow with associated ditch</p> <p>Hedge 1: Blackthorn hedge. 2m tall by 2.5m wide. No gaps at base. Canopy cover 100%. Herbaceous strip on north side to 1m, fairly narrow. Hedgerow with dry ditch.</p> <p><b>Species</b></p> <p><b>Understorey</b></p>	



	<p>Blackthorn <i>Prunus spinosa</i> Dominant                  Ash <i>Fraxinus excelsior</i> Rare                  English Elm <i>Ulmus procera</i> Locally abundant                  Hawthorn <i>Crataegus monogyna</i> Frequent                  Buckthorn <i>Rhamnus cathartica</i> Rare                  Elder <i>Sambucus nigra</i> Rare</p> <p><b>Ground flora</b>                  Cleavers <i>Galium aparine</i> Occasional                  Common Nettle <i>Urtica dioica</i> Locally abundant                  Common Couch <i>Elymus repens</i> Abundant                  Bramble <i>Rubus fruticosus</i> agg. Occasional                  False Oat-grass <i>Arrhenatherum elatius</i> Occasional                  Cow Parsley <i>Anthriscus sylvestris</i> Occasional</p> <p><b>British National Grid (m):</b> 461800E, 298196N  <b>WGS84 (Lat/Long):</b> 52.5781°N, -1.0894°E</p>	
<p><b>TN2</b></p>	<p>Mature Tree - Ash (Moderate)</p> <p>Large ash tree with a dense cloaking of ivy possibly obscuring roosting features. Girth approx 2-2.5m.</p> <p><b>British National Grid (m):</b> 461886E, 298165N  <b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0882°E</p>	
<p><b>TN3</b></p>	<p>Animal track and push through.</p> <p><b>British National Grid (m):</b> 461901E, 298158N  <b>WGS84 (Lat/Long):</b> 52.5777°N, -1.088°E</p>	
<p><b>TN4</b></p>	<p>h2a5 190 191 Native species-rich hedgerow with trees and associated ditch</p> <p>Hedge 2: Hedgerow with trees forming the eastern boundary of the site. Damper toward the road (south) with crack willows. Ditch and wire fence present. Mature ash trees frequent as standards. 2.5m tall by 3.5m wide.</p> <p><b>Species</b></p> <p><b>Canopy</b>                  Ash <i>Fraxinus excelsior</i> Frequent</p>	




	<p>Crack-willow <i>Salix fragilis</i> Rare Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p><b>Understorey</b> Blackthorn <i>Prunus spinosa</i> Locally abundant Hawthorn <i>Crataegus monogyna</i> Abundant English Elm <i>Ulmus procera</i> Locally abundant Elder <i>Sambucus nigra</i> Occasional Goat Willow <i>Salix caprea</i> Rare Dog roses <i>Rosa canina</i> Rare</p> <p><b>Ground flora</b> Creeping Thistle <i>Cirsium arvense</i> Occasional Cleavers <i>Galium aparine</i> Frequent Bramble <i>Rubus fruticosus</i> agg Frequent Common Nettle <i>Urtica dioica</i> Frequent Common Ivy <i>Hedera helix</i> Occasional Broad-leaved Dock <i>Rumex obtusifolius</i> Rare Cow Parsley <i>Anthriscus sylvestris</i> Locally frequent Creeping Buttercup <i>Ranunculus repens</i> Rare White Bryony <i>Bryonia dioica</i> Rare Hogweed <i>Heracleum sphondylium</i> Occasional</p> <p><b>British National Grid (m):</b> 461912E, 298167N <b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0878°E</p>	
<b>TN5</b>	<p>Animal push through</p> <p><b>British National Grid (m):</b> 461943E, 298229N <b>WGS84 (Lat/Long):</b> 52.5784°N, -1.0873°E</p>	
<b>TN6</b>	<p>Mature Tree - Ash (Low)</p> <p>Ash tree to 20m. With some split bark/limbs. May be suitable for bats. With 60% crown dieback. Girth approx 1.8m.</p> <p><b>British National Grid (m):</b> 461941E, 298236N <b>WGS84 (Lat/Long):</b> 52.5784°N, -1.0873°E</p>	
<b>TN8</b>	<p>Mature Tree - Ash (pLWS, Low)</p> <p>Ash to 30m. In relatively good health without too much dieback. Covered with ivy stems. Providing niches for inverts, birds and possibly bats. Small dead branches as well as knotholes on limbs, no large cavities. Girth approx 3m.</p> <p><b>British National Grid (m):</b> 461976E, 298313N</p>	

	<b>WGS84 (Lat/Long):</b> 52.5791°N, -1.0868°E	
<b>TN9</b>	<p>Mature Tree - Ash (pLWS, low)</p> <p>Mature ash tree to 30m tall. Covered with ivy stems. Providing niches for inverts, birds and possibly bats. Dieback present and affecting 30-35% of canopy. Small knotholes present</p> <p><b>British National Grid (m):</b> 462026E, 298415N</p> <p><b>WGS84 (Lat/Long):</b> 52.58°N, -1.0861°E</p>	
<b>TN10</b>	<p>c1c7 Other cereal crops</p> <p>Field 2: Bread wheat crop <i>Triticum aestivum</i> makes up 60%, but there is a high cover of black-grass <i>Alopecurus myosuroides</i> in this field. Vegetation height 75cm. Cover 100%. Skylarks overhead.</p> <p><b>Species</b></p> <p>Bread Wheat <i>Triticum aestivum</i> Dominant Field Forget-me-not <i>Myosotis arvensis</i> Locally abundant Common Field-speedwell <i>Veronica persica</i> Rare Black-grass <i>Alopecurus myosuroides</i> Locally abundant Creeping Thistle <i>Cirsium arvense</i> Rare Italian Rye-grass <i>Lolium multiflorum</i> Occasional Field Bindweed <i>Convolvulus arvensis</i> Rare Wall Speedwell <i>Veronica arvensis</i> Rare Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare Redshank <i>Persicaria maculosa</i> Rare Scentless Mayweed <i>Tripleurospermum inodorum</i> Locally frequent Sticky Mouse-ear <i>Cerastium glomeratum</i> Rare</p> <p><b>British National Grid (m):</b> 461986E, 298481N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0866°E</p>	
<b>TN11</b>	<p>h2a6 11 Native hedgerow; with scattered trees</p> <p>Hedge 3: Elm and hawthorn hedgerow 2.5m tall by 2.5m wide. No gaps at base, canopy cover 100%. Well</p>	








	<p>managed, good shape. Two ash standards at Western end. Fewer than 5 woody species per 30m.</p> <p><b>Species</b></p> <p>English Elm <i>Ulmus procera</i> Dominant  Hawthorn <i>Crataegus monogyna</i> Locally abundant  Elder <i>Sambucus nigra</i> Rare  Ash <i>Fraxinus excelsior</i> Occasional  Dog roses <i>Rosa canina</i> Rare  Common Ivy <i>Hedera helix</i> Occasional</p> <p>Bramble <i>Rubus fruticosus agg</i> Frequent  Cow Parsley <i>Anthriscus sylvestris</i> Occasional  White Bryony <i>Bryonia dioica</i> Rare  Common Nettle <i>Urtica dioica</i> Frequent  Italian Rye-grass <i>Lolium multiflorum</i> Rare  Nipplewort <i>Lapsana communis</i> Rare  Cleavers <i>Galium aparine</i> Frequent  False Oat-grass <i>Arrhenatherum elatius</i> Occasional</p> <p><b>British National Grid (m):</b> 462073E, 298535N</p> <p><b>WGS84 (Lat/Long):</b> 52.5811°N, -1.0853°E</p>	
<b>TN12</b>	<p>Mature Trees - Ash (Moderate/Low, pLWS)</p> <p>Ash trees to 20m. Eastern tree with hollow centre and large splits creating large cavity. Moderately suitable for bats. pLWS based on features? Western tree in good health with only ivy covering, no obvious roosting features.</p> <p><b>British National Grid (m):</b> 461968E, 298605N</p> <p><b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0869°E</p>	
<b>TN13</b>	<p>Rural Trees - Ash &amp; Elm (Hedge 3)</p> <p>Small group of trees that have outgrown from hedge 3. Dominated by Elm but with one Ash standard and hawthorn bush. Cover 100%, canopies touching. Signs of both Dutch elm disease and ash dieback.</p> <p><b>British National Grid (m):</b> 461919E, 298628N</p> <p><b>WGS84 (Lat/Long):</b> 52.582°N, -1.0876°E</p>	
<b>TN14</b>	c1c7 Other cereal crops	

	<p>Field 3: Bread wheat <i>Triticum aestivum</i> crop makes up 88%, black-grass <i>Alopecurus myosuroides</i> present at 12%. Cover 100%, height to 65cm.</p> <p><b>Species</b></p> <p>Bread Wheat <i>Triticum aestivum</i> Dominant Field Forget-me-not <i>Myosotis arvensis</i> Locally abundant Common Field-speedwell <i>Veronica persica</i> Rare Black-grass <i>Alopecurus myosuroides</i> Locally frequent Creeping Thistle <i>Cirsium arvense</i> Rare Italian Rye-grass <i>Lolium multiflorum</i> Occasional Field Bindweed <i>Convolvulus arvensis</i> Rare Wall Speedwell <i>Veronica arvensis</i> Rare Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare Redshank <i>Persicaria maculosa</i> Rare Scentless Mayweed <i>Tripleurospermum inodorum</i> Locally frequent Sticky Mouse-ear <i>Cerastium glomeratum</i> Rare</p> <p><b>British National Grid (m):</b> 461887E, 298580N</p> <p><b>WGS84 (Lat/Long):</b> 52.5815°N, -1.0881°E</p>	
<p><b>TN15</b></p>	<p>h2a6 190 Native hedgerow with trees Hedge 4a/4b</p> <p>Hawthorn hedgerows with ash standards. Height average is 2.5m, width 2-4m. Not gappy as base. Canopy cover 95%. Crack willow in western corner.</p> <p><b>Species</b></p> <p>Crack-willow <i>Salix fragilis</i> Rare Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant English Elm <i>Ulmus procera</i> Occasional Dog roses <i>Rosa canina</i> Rare Elder <i>Sambucus nigra</i> Rare</p> <p>False Oat-grass <i>Arrhenatherum elatius</i> Frequent Hogweed <i>Heracleum sphondylium</i> Rare Common Nettle <i>Urtica dioica</i> Rare Creeping Thistle <i>Cirsium arvense</i> Occasional Bramble <i>Rubus fruticosus agg.</i> Locally frequent Cow Parsley <i>Anthriscus sylvestris</i> Occasional Cleavers <i>Galium aparine</i> Occasional Cut-leaved Crane's-bill <i>Geranium dissectum</i> Occasional Hedge Mustard <i>Sisymbrium officinale</i> Rare Ground-ivy <i>Glechoma hederacea</i> Rare White Dead-nettle <i>Lamium album</i> Rare White Bryony <i>Bryonia dioica</i> Occasional</p>	

	<p><b>British National Grid (m):</b> 461893E, 298450N</p> <p><b>WGS84 (Lat/Long):</b> 52.5804°N, -1.088°E</p>	
<b>TN16</b>	<p>Mature Tree - Ash (Moderate, pLWS)</p> <p>Ash to 20m with hollowed out limbs. Possibly suitable for opportunistic bats. Girth to 2m. pLWS based on features.</p> <p><b>British National Grid (m):</b> 461881E, 298421N</p> <p><b>WGS84 (Lat/Long):</b> 52.5801°N, -1.0882°E</p>	
<b>TN17</b>	<p>Pond 1 Field 3</p> <p>Small pond surrounded by a stand of ash trees in field 3. Height to 15m. Hawthorn present in scrub layer. Cover 80% due to ash dieback. Pond approx 12m by 8m. Unclear water.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Frequent Hawthorn <i>Crataegus monogyna</i> Rare</p> <p>Great Willowherb <i>Epilobium hirsutum</i> Occasional False Oat-grass <i>Arrhenatherum elatius</i> Occasional Bramble <i>Rubus fruticosus agg</i> Occasional Wood Dock <i>Rumex sanguineus</i> Occasional Wood Avens <i>Geum urbanum</i> Rare Cleavers <i>Galium aparine</i> Occasional</p> <p>Floating Sweet-grass <i>Glyceria fluitans</i> Rare Bittersweet <i>Solanum dulcamara</i> Occasional Hairy Sedge <i>Carex hirta</i> Rare Hedge Bindweed <i>Calystegia sepium</i> Occasional</p> <p><b>British National Grid (m):</b> 461948E, 298559N</p> <p><b>WGS84 (Lat/Long):</b> 52.5813°N, -1.0872°E</p>	
<b>TN18</b>	<p>Mature Trees - Ash (Moderate)</p> <p>Large knot holes suitable for bats in ash trees next to pond one.</p> <p><b>British National Grid (m):</b> 461926E, 298550N</p>	




	<p><b>WGS84 (Lat/Long):</b> 52.5813°N, -1.0875°E</p>	
<p><b>TN19</b></p>	<p>h2a 190 191 Native hedgerow with trees and associated ditch</p> <p>Hedge 5: Hawthorn hedgerow with standard ash trees on the southwestern boundary. Shrubby component is outgrown with hawthorn reaching 8-10m. General height is 8m, width 3-4m. Wire fence and herbaceous strip to 1m on east side. Fewer than 5 woody species per 30m length.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Occasional</p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  English Elm <i>Ulmus procera</i> Rare  Blackthorn <i>Prunus spinosa</i> Rare  Elder <i>Sambucus nigra</i> Rare  Dog roses <i>Rosa canina</i> Rare</p> <p>Common Ivy <i>Hedera helix</i> Frequent  Bramble <i>Rubus fruticosus</i> agg. Occasional  Goat's-beard <i>Tragopogon pratensis</i> Rare  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Large Bindweed <i>Calystegia silvatica</i> Rare  Perennial Rye-grass <i>Lolium perenne</i> Locally frequent  Italian Rye-grass <i>Lolium multiflorum</i> Rare  Common Nettle <i>Urtica dioica</i> Frequent  Barren Brome <i>Anisantha sterilis</i> Occasional  Cleavers <i>Galium aparine</i> Locally abundant</p> <p><b>British National Grid (m):</b> 461801E, 298201N</p> <p><b>WGS84 (Lat/Long):</b> 52.5781°N, -1.0894°E</p>	
<p><b>TN20</b></p>	<p>Mature Tree - Ash (Moderate, pLWS)</p> <p>Large mature ash tree to 30m. Covered with Ivy and has many holes and niches that may be used by bats. Girth approximately 3m but could be larger. Largest tree on site. Likely LWS.</p> <p><b>British National Grid (m):</b> 461818E, 298252N</p> <p><b>WGS84 (Lat/Long):</b> 52.5786°N, -1.0892°E</p>	



		
<b>TN21</b>	<p>c1c7 Other cereal crops</p> <p>Field 1: Bread wheat <i>Triticum aestivum</i> cover 100%, vegetation height to 75cm.</p> <p><b>Species</b></p> <p>Bread Wheat <i>Triticum aestivum</i> Dominant  Field Forget-me-not <i>Myosotis arvensis</i> Locally frequent  Common Field-speedwell <i>Veronica persica</i> Rare  Black-grass <i>Alopecurus myosuroides</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Rare  Italian Rye-grass <i>Lolium multiflorum</i> Rare  Field Bindweed <i>Convolvulus arvensis</i> Rare  Wall Speedwell <i>Veronica arvensis</i> Rare  Cut-leaved Crane's-bill <i>Geranium dissectum</i> Rare  Redshank <i>Persicaria maculosa</i> Rare  Sticky Mouse-ear <i>Cerastium glomeratum</i> Rare</p> <p><b>British National Grid (m):</b> 461844E, 298317N</p> <p><b>WGS84 (Lat/Long):</b> 52.5792°N, -1.0888°E</p>	
<b>TN22</b>	<p>Pond 2 Field 2</p> <p>Small field pond heavily shaded by hawthorn. Water is murky with high cover of bittersweet. Approximately 5m by 5m. Water depth unknown.</p> <p><b>Species</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Dominant  Bramble <i>Rubus fruticosus agg</i> Frequent  Ash <i>Fraxinus excelsior</i> Rare</p> <p>Rough Meadow-grass <i>Poa trivialis</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Frequent  Bittersweet <i>Solanum dulcamara</i> Abundant  Creeping Cinquefoil <i>Potentilla reptans</i> Rare  Hairy Sedge <i>Carex hirta</i> Rare  White Bryony <i>Bryonia dioica</i> Rare  Groundsel <i>Senecio vulgaris</i> Rare</p> <p><b>British National Grid (m):</b> 461957E, 298483N</p> <p><b>WGS84 (Lat/Long):</b> 52.5807°N, -1.0871°E</p>	
<b>TN23</b>	<p>h3h 16 19 Mixed scrub, tall herb, ponds (priority habitat)</p>	

	<p>Mixed scrub developed around neglected boundary feature between fields 1 &amp; 2. Pond 3 is within the scrub area. Has a nice edge where it grades into tall herb and rank grasses before reaching arable.</p> <p><b>Species</b></p> <p>Bramble <i>Crataegus monogyna</i> Abundant  Elder <i>Sambucus nigra</i> Frequent  English Elm <i>Ulmus procera</i> Rare  Grey Willow <i>Salix cinerea</i> Locally abundant</p> <p>Bramble <i>Rubus fruticosus agg</i> Abundant  Great Willowherb <i>Epilobium hirsutum</i> Abundant  Yorkshire-fog <i>Holcus lanatus</i> Occasional  Creeping Thistle <i>Cirsium arvense</i> Occasional  Broad-leaved Dock <i>Rumex obtusifolius</i> Rare  Hogweed <i>Heracleum sphondylium</i> Rare  Sticky Mouse-ear <i>Cerastium glomeratum</i> Rare</p> <p><b>British National Grid (m):</b> 461937E, 298372N  <b>WGS84 (Lat/Long):</b> 52.5797°N, -1.0874°E</p>	
<p><b>TN24</b></p>	<p>Pond 3 (LWS)</p> <p>Large pond within mixed scrub area with an abundance of invertebrate life. Large chaser dragonflies present in addition to smaller species. Multiple lepidoptera seen. Steep bank covered in tall herb on eastern edge and willow scrub to west. Emergent vegetation to 60% cover, with floating macrophytes. Largely inaccessible, species list made from distance.</p> <p><b>Species</b></p> <p>Grey Willow <i>Salix cinerea</i> Frequent  Amphibious Bistort <i>Persicaria amphibia</i> Abundant  Bittersweet <i>Solanum dulcamara</i> Frequent  Common Spike-rush <i>Eleocharis palustris</i> Frequent</p> <p><b>Lepidoptera</b></p> <p>Comma <i>Polygonia c-album</i> Present  Meadow Brown <i>Maniola jurtina</i> Present  Large White <i>Pieris brassicae</i> Present  Large Skipper <i>Ochlodes sylvanus</i> Present  Silver Y <i>Autographa gamma</i> Present  Peacock <i>Aglais io</i> Present</p> <p><b>British National Grid (m):</b> 461955E, 298389N  <b>WGS84 (Lat/Long):</b> 52.5798°N, -1.0871°E</p>	

**O\_W\_001 – TARGET NOTES 1-32 (HABITATS)**


<b>Project Name</b>	Oadby Wigston LWS O_W_001
<b>Date of Survey</b>	29 August 2023
<b>Surveyor</b>	Tom Ward
<b>Temperature</b>	17°C
<b>Cloud Cover</b>	60%
<b>Wind</b>	1 - Light air
<b>Precipitation</b>	No precipitation

Target Note	Description	Photos
<b>TN1</b>	<p>w1g6 Line of trees (ecological valuable w1175)</p> <p>Double line of mature trees near the western boundary. Height ranges from approx. 18-25m. Some mature hybrid poplars toward the southern end.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Frequent  Lime <i>Tilia sp.</i> Frequent  Whitebeam <i>Sorbus aria</i> Rare  Norway Maple <i>Acer platanoides</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Frequent  Crack-willow <i>Salix fragilis</i> Rare  Hybrid black poplar <i>Populus x canadensis</i> Frequent  Scots Pine <i>Pinus sylvestris</i> Occasional  Copper beech <i>Fagus sylvatica</i> 'Atropurpurea' Rare  Black Pine <i>Pinus nigra</i> Rare</p> <p><b>British National Grid (m):</b> 463647E, 299063N  <b>WGS84 (Lat/Long):</b> 52.5857°N, -1.062°E</p>	
<b>TN2</b>	<p>w1174 Line of trees</p> <p>Young trees planted on edge of golf course. To 7m tall.  <i>Crataegus monogyna</i>, <i>Salix alba</i>, <i>Quercus robur</i>.</p> <p><b>British National Grid (m):</b> 463505E, 298959N  <b>WGS84 (Lat/Long):</b> 52.5848°N, -1.0641°E</p>	
<b>TN3</b>	<p>Mature Tree - <i>Pinus nigra</i></p> <p>Mature pine with girth approximately 3.5m at chest height.</p> <p><b>British National Grid (m):</b> 463510E, 298965N</p>	






	<p><b>WGS84 (Lat/Long):</b> 52.5848°N, -1.0641°E</p>	
<b>TN4</b>	<p>g4 Modified grassland</p> <p>Well-manicured golf grassland that is dominated by perennial ryegrass and is between 3cm on main course and 5cm around the edges. Greens cut even shorter to 1cm with <i>Festuca</i> spp., <i>Agrostis capillaris</i> and <i>Poa annua</i>. Cut with sit on mowers and mulched. Grass cover high to 95% with white clover as forb component. There are areas around the periphery that are allowed to grow longer.</p> <p><b>Species</b></p> <p>Perennial Rye-grass <i>Lolium perenne</i> Dominant  Yorkshire-fog <i>Holcus lanatus</i> Frequent  Timothy <i>Phleum pratense</i> Occasional  Crested Dog's-tail <i>Cynosurus cristatus</i> Occasional  Common Bent <i>Agrostis capillaris</i> Abundant  White Clover <i>Trifolium repens</i> Frequent  Red Fescue <i>Festuca rubra</i> Occasional  Annual Meadow-grass <i>Poa annua</i> Occasional  Dandelion <i>Taraxacum</i> Occasional  Greater Plantain <i>Plantago major</i> Occasional  Yarrow <i>Achillea millefolium</i> Rare  Selfheal <i>Prunella vulgaris</i> Rare  Creeping Bent <i>Agrostis stolonifera</i> Occasional</p> <p><b>British National Grid (m):</b> 463464E, 298751N</p> <p><b>WGS84 (Lat/Long):</b> 52.5829°N, -1.0648°E</p>	
<b>TN5</b>	<p>w1174 Line of trees</p> <p>Line of trees dividing golf holes. Mostly semi-mature. Height to approx. 12-15m.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Frequent  Scots Pine <i>Pinus sylvestris</i> Occasional  Pedunculate Oak <i>Quercus robur</i> Rare  Lawson's Cypress <i>Chamaecyparis lawsoniana</i> Frequent  Silver Birch <i>Betula pendula</i> Locally abundant</p> <p><b>British National Grid (m):</b> 463441E, 298875N</p> <p><b>WGS84 (Lat/Long):</b> 52.584°N, -1.0651°E</p>	
<b>TN6</b>	<p>w1175 Line of trees (Ecologically valuable)</p> <p>Mixed species line of trees mixture of semi-mature, young with a handful of mature trees. Height ranges</p>	







	<p>from 1.5m to 20m. Mixture of approx. native (60%) and Non-native (40%). Target note &amp; condition assessment is for entire line of trees running the length of the site.</p> <p><b>Species</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Frequent  Wild Cherry <i>Prunus avium</i> Frequent  Cedar-of-Lebanon <i>Cedrus libani</i> Rare  Walnut <i>Juglans regia</i> Rare  <i>Eucalyptus sp.</i> Rare  Norway Spruce <i>Abies picea</i> Rare  Scots Pine <i>Pinus sylvestris</i> Frequent  Sitka Spruce <i>Picea sitchensis</i> Rare  Silver Birch <i>Betula pendula</i> Occasional  Lawson's Cypress <i>Chamaecyparis lawsoniana</i> Locally frequent  Rowan <i>Sorbus aucuparia</i> Rare  Japanese Larch <i>Larix kaempferi</i> Rare  Field Maple <i>Acer campestre</i> Occasional  Norway Maple <i>Acer platanoides</i> Occasional  Beech <i>Fagus sylvatica</i> Rare  Horse-chestnut <i>Aesculus hippocastanum</i> Occasional  Yew <i>Taxus baccata</i> Rare  Black Pine <i>Pinus nigra</i> Rare  Gorse <i>Ulex europaeus</i> Rare  Hornbeam <i>Carpinus betulus</i> Locally frequent  White Poplar <i>Populus alba</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare  Holly <i>Ilex aquifolium</i> Occasional  Silver Maple <i>Acer saccharinum</i> Rare  Whitebeam <i>Sorbus aria</i> Rare  Crack-willow <i>Salix fragilis</i> Rare  Ash <i>Fraxinus excelsior</i> Frequent  Lombardy-poplar <i>Populus nigra 'italica'</i> Occasional  <i>Nothofagus sp.</i> Locally frequent  False-acacia <i>Robinia pseudoacacia</i> Rare</p> <p><b>British National Grid (m):</b> 463690E, 298985N</p> <p><b>WGS84 (Lat/Long):</b> 52.585°N, -1.0614°E</p>	
<p><b>TN7</b></p>	<p>w1174</p> <p>Semi-mature line of trees and shrubs. Continues through length of site adjacent to eastern boundary.</p> <p><b>Species</b></p> <p>Wayfaring-tree <i>Viburnum lantana</i> Locally frequent  <i>Viburnum davidii</i> Occasional  Guelder-rose <i>Viburnum opulus</i> Occasional  Silver Birch <i>Betula pendula</i> Frequent  Holly <i>Ilex aquifolium</i> Occasional  Elder <i>Sambucus nigra</i> Rare</p>	

	<p>Pedunculate Oak <i>Quercus robur</i> Abundant  Black Pine <i>Pinus nigra</i> Occasional  Ash <i>Fraxinus excelsior</i> Frequent  Rowan <i>Sorbus aucuparia</i> Rare  Scots Pine <i>Pinus sylvestris</i> Occasional  Beech <i>Fagus sylvatica</i> Rare  Japanese Larch <i>Larix kaempferi</i> Rare  Field Maple <i>Acer campestre</i> Occasional  Lime <i>Tilia sp.</i> Frequent  Wild Cherry <i>Prunus avium</i> Rare</p> <p><b>British National Grid (m):</b> 463613E, 298782N</p> <p><b>WGS84 (Lat/Long):</b> 52.5832°N, -1.0626°E</p>	
<p><b>TN8</b></p>	<p>h2a5 190 191 Native species-rich hedgerow with associated ditch and trees</p> <p>Mixed native hedgerow with standard ash trees. Average height and width of shrub component is 3m tall by 3m wide. With 99% cover and no lower gappiness (is stockproof).</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Abundant  Crab Apple <i>Malus sylvestris</i> Rare  Elder <i>Sambucus nigra</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Locally abundant  Alder Buckthorn <i>Frangula alnus</i> Occasional  Field Maple <i>Acer campestre</i> Locally frequent  Blackthorn <i>Prunus spinosa</i> Locally abundant  Dog roses <i>Rosa canina</i> Frequent  Bramble <i>Rubus fruticosus agg.</i> Frequent  Wild Cherry <i>Prunus avium</i> Occasional  Common Ivy <i>Hedera helix</i> Frequent  Dogwood <i>Cornus sanguinea</i> Rare  Hazel <i>Corylus avellana</i> Rare  Sycamore <i>Acer pseudoplatanus</i> Rare  English Elm <i>Ulmus procera</i> Locally frequent  <i>Nothofagus sp.</i> Rare</p> <p>Common Nettle <i>Urtica dioica</i> Frequent  Black Bryony <i>Tamus communis</i> Frequent  Hedge Woundwort <i>Stachys sylvatica</i> Rare  False Oat-grass <i>Arrhenatherum elatius</i> Frequent  Wood Avens <i>Geum urbanum</i> Occasional  Cock's-foot <i>Dactylis glomerata</i> Occasional  Yorkshire-fog <i>Holcus lanatus</i>  Cleavers <i>Galium aparine</i> Frequent  Common Couch <i>Elymus repens</i> Occasional  Hogweed <i>Heracleum sphondylium</i> Occasional</p>	



	<p><b>British National Grid (m):</b> 463648E, 298809N</p> <p><b>WGS84 (Lat/Long):</b> 52.5834°N, -1.0621°E</p>	
<b>TN9</b>	<p>Pool/Swamp</p> <p>Small hollow with standing water dominated by <i>Glyceria fluitans</i>. Hedgerow species around the outside with the addition of <i>Carex otrubae</i>.</p> <p><b>British National Grid (m):</b> 463426E, 298538N</p> <p><b>WGS84 (Lat/Long):</b> 52.581°N, -1.0654°E</p>	
<b>TN10</b>	<p>Pond 1 (H1)</p> <p>Small artificial pond with abundant <i>Potamogeton natans</i>, <i>Sparganium erectum</i> and occasional <i>Ranunculus sp.</i> (Water crowfoot) <i>Juncus acutiflorus</i>, <i>Agrostis stolonifera</i> and <i>Ranunculus repens</i>. <i>Typha latifolia</i> and <i>Epilobium hirsutum</i> also present.</p> <p><b>British National Grid (m):</b> 463281E, 298418N</p> <p><b>WGS84 (Lat/Long):</b> 52.5799°N, -1.0675°E</p>	
<b>TN11</b>	<p>h3e Gorse scrub</p> <p>Small stand of <i>Ulex europaeus</i>. 5m by 4m.</p> <p><b>British National Grid (m):</b> 463072E, 298225N</p> <p><b>WGS84 (Lat/Long):</b> 52.5782°N, -1.0707°E</p>	
<b>TN12</b>	<p>Mature Tree - Ash (pLWS)</p> <p>Mature ash tree covered in ivy. In continued Line of Trees (TN6). Girth approx 3m.</p> <p><b>British National Grid (m):</b> 463050E, 298207N</p> <p><b>WGS84 (Lat/Long):</b> 52.5781°N, -1.071°E</p>	
<b>TN13</b>	<p>Ditch/Swamp</p> <p>Another small ditch/swamp (6m x 2.5m) with standing water. Surrounded by hedgerow vegetation with 35% duckweed and 60% algae cover. Water very murky. Shaded 60%.</p> <p><b>British National Grid (m):</b> 463087E, 298184N</p> <p><b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0704°E</p>	
<b>TN14</b>	<p>Sandpit</p> <p>Golf sand traps are present throughout the site.</p>	

	<p><b>British National Grid (m):</b> 463393E, 298561N</p> <p><b>WGS84 (Lat/Long):</b> 52.5812°N, -1.0659°E</p>	
<b>TN15</b>	<p>Mature Tree - Ash (pLWS)</p> <p>Ash with girth to 3m. Potential LWS.</p> <p><b>British National Grid (m):</b> 463319E, 298499N</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.067°E</p>	
<b>TN16</b>	<p>Invasive species: <i>Robinia pseudoacacia</i> x2</p> <p>Two <i>Robinia pseudoacacia</i> planted in line of trees (TN6)</p> <p><b>British National Grid (m):</b> 463028E, 298186N</p> <p><b>WGS84 (Lat/Long):</b> 52.5779°N, -1.0713°E</p>	
<b>TN17</b>	<p>Ditch</p> <p>Wet ditch partially culverted underneath the golf course. Water is clear and with no perceivable flow. Approximately 20cm deep and 1.2m wide.</p> <p><b>Species</b></p> <p>Fool's-water-cress <i>Apium nodiflorum</i> Abundant Great Willowherb <i>Epilobium hirsutum</i> Occasional Floating Sweet-grass <i>Glyceria fluitans</i> Frequent Balm-leaved Figwort <i>Scrophularia scorodonia</i> Frequent Brooklime <i>Veronica beccabunga</i> Rare Water-plantain <i>Alisma plantago-aquatica</i> Occasional Yellow Iris <i>Iris pseudacorus</i> Occasional Yorkshire-fog <i>Holcus lanatus</i> Frequent Creeping Buttercup <i>Ranunculus repens</i> Occasional Field Horsetail <i>Equisetum arvense</i> Rare Common Nettle <i>Urtica dioica</i> Rare Meadowsweet <i>Filipendula ulmaria</i> Rare False Fox-sedge <i>Carex otrubae</i> Rare Hard Rush <i>Juncus inflexus</i> Rare Broad-leaved Dock <i>Rumex obtusifolius</i> Frequent</p> <p><b>British National Grid (m):</b> 462726E, 298331N</p> <p><b>WGS84 (Lat/Long):</b> 52.5792°N, -1.0757°E</p>	
<b>TN18</b>	<p>Mature Tree - Ash (pLWS)</p> <p>Mature ash with girth to 3.2m. Ivy covered. Multi-stemmed. Potential LWS.</p> <p><b>British National Grid (m):</b> 463079E, 298551N</p>	

	<p><b>WGS84 (Lat/Long):</b> 52.5811°N, -1.0705°E</p>	
<b>TN19</b>	<p>Pond (TN19)</p> <p>Ornamental pond with <i>Apium nodiflorum</i>, <i>Polygonatum polygonifolius</i>, <i>Juncus inflexus</i>, <i>Alisma plantago-aquatica</i>, <i>Schoenoplectus tabernaemontani</i>, algae, <i>Lemna</i> sp., <i>Juncus articulatus</i> and <i>Nyphaea</i> sp. Water is coloured blue. <i>J. articulatus</i> locally frequent at edges.</p> <p><b>British National Grid (m):</b> 463697E, 299058N</p> <p><b>WGS84 (Lat/Long):</b> 52.5856°N, -1.0613°E</p>	
<b>TN20</b>	<p>Invasive species: <i>Crococsmia x crocosmiiflora</i></p> <p>Plants in ornamental fountain next to pond (TN19)</p> <p><b>British National Grid (m):</b> 463689E, 299040N</p> <p><b>WGS84 (Lat/Long):</b> 52.5855°N, -1.0614°E</p>	
<b>TN21</b>	<p>w1175 line of trees (ecologically valuable)</p> <p>Line of ash trees that form thicken the boundary feature. All mature with ivy covering. Almost a linear woodland.</p> <p><b>Species</b></p> <p>Ash <i>Fraxinus excelsior</i> Dominant  Hawthorn <i>Crataegus monogyna</i> Frequent  Elder <i>Sambucus nigra</i> Frequent  Blackthorn <i>Prunus spinosa</i> Occasional  Common Ivy <i>Hedera helix</i> Abundant  Bramble <i>Rubus fruticosus</i> agg Occasional  Holly <i>Ilex aquifolium</i> Occasional  Sycamore <i>Acer pseudoplatanus</i> Rare</p> <p>Black Bryony <i>Tamus communis</i> Occasional  Cow Parsley <i>Anthriscus sylvestris</i> Frequent  Wood Avens <i>Geum urbanum</i> Frequent  Common Nettle <i>Urtica dioica</i> Occasional  Garlic Mustard <i>Alliaria petiolata</i> Rare  Cock's-foot <i>Dactylis glomerata</i> Frequent  Ground-ivy <i>Glechoma hederacea</i> Occasional  Nipplewort <i>Lapsana communis</i> Rare</p> <p><b>British National Grid (m):</b> 463715E, 299134N</p> <p><b>WGS84 (Lat/Long):</b> 52.5863°N, -1.061°E</p>	
<b>TN22</b>	<p>h2a5 190 191 Native species-rich hedgerow with trees and associated ditch.</p>	



	<p>Hedge 2 - Hawthorn hedge forming the NW boundary. Hedge with trees and sporadic thickening sections where standard tree groups protrude into golf course. Ditch on golf course side. Average height 3.5m, width 1.5-4m. Thin at the bottom in some places (top heavy) and patchy adjacent to development site. Also includes internal hedgerow with trees (Hedge 2b).</p> <p><b>Species</b></p> <p>Pedunculate Oak <i>Quercus robur</i> Occasional  Ash <i>Fraxinus excelsior</i> Frequent  Sycamore <i>Acer pseudoplatanus</i> Rare  Hybrid black poplar <i>Populus x canadensis</i> Occasional  Rowan <i>Sorbus aucuparia</i> Rare  Limes <i>Tilia sp.</i> Occasional  Crack-willow <i>Salix fragilis</i> Rare  Hawthorn <i>Crataegus monogyna</i> Dominant  Holly <i>Ilex aquifolium</i> Occasional  Dog roses <i>Rosa canina</i> Locally frequent  Bramble <i>Rubus fruticosus agg.</i> Locally frequent  Elder <i>Sambucus nigra</i> Occasional  Golden chain tree <i>Laburnum sp.</i> Rare  Black Pine <i>Pinus nigra</i> Occasional  English Elm <i>Ulmus procera</i> Rare  Wild Cherry <i>Prunus avium</i> Rare  Norway Maple <i>Acer platanoides</i> Rare  Field Maple <i>Acer campestre</i> Occasional  Alder Buckthorn <i>Frangula alnus</i> Rare</p> <p>Black Bryony <i>Tamus communis</i> Locally frequent  Wood Avens <i>Geum urbanum</i> Frequent  Common Couch <i>Elymus repens</i> Rare  Common Nettle <i>Urtica dioica</i> Occasional  Hedge Woundwort <i>Stachys sylvatica</i> Occasional  Great Willowherb <i>Epilobium hirsutum</i> Occasional  Wood Dock <i>Rumex sanguineus</i> Occasional  Hogweed <i>Heracleum sphondylium</i> Occasional  Yorkshire-fog <i>Holcus lanatus</i> Frequent  Stinking Iris <i>Iris foetidissima</i> Rare  Bittersweet <i>Solanum dulcamara</i> Occasional  Pendulous Sedge <i>Carex pendula</i> Rare</p> <p><b>British National Grid (m):</b> 463372E, 298861N  <b>WGS84 (Lat/Long):</b> 52.5839°N, -1.0661°E</p>	
<p><b>TN23</b></p>	<p>Mature Tree - <i>Populus x canadensis</i> (pLWS)</p> <p>Girth at least 3m at chest height.</p> <p><b>British National Grid (m):</b> 463280E, 298774N</p>	


	<b>WGS84 (Lat/Long):</b> 52.5831°N, -1.0675°E	
<b>TN24</b>	Ornamental Garden (Urban)  Beneath minimal mappable unit. Dominated by <i>Erica cinerea</i> cultivar with <i>Fuchsia</i> sp. and <i>Hypericum x inodorum</i> .  <b>British National Grid (m):</b> 463167E, 298625N  <b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0692°E	
<b>TN25</b>	Invasive species - <i>Cotoneaster horizontalis</i>  Schedule 9 cotoneaster. Single plant in ornamental shrubbery.  <b>British National Grid (m):</b> 463130E, 298628N  <b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0697°E	
<b>TN26</b>	Invasive species <i>Crococsmia x crocosmiiflora</i>  <b>British National Grid (m):</b> 463095E, 298631N  <b>WGS84 (Lat/Long):</b> 52.5819°N, -1.0702°E	
<b>TN27</b>	Ponds (TN27)  A series of ornamental ponds associated with the NW boundary and woodlands. Dug out approx. 8 years ago. Minimal shading, reasonable water quality. Moorhens present.  <b>Species</b>  Bulrush <i>Typha latifolia</i> Locally abundant Purple-loosestrife <i>Lythrum salicaria</i> Rare Broadleaved Pondweed <i>Potamogeton natans</i> Locally abundant Water-plantain <i>Alisma plantago-aquatica</i> Frequent Pendulous Sedge <i>Carex pendula</i> Frequent Sneezewort <i>Achillea ptarmica</i> Rare Meadowsweet <i>Filipendula ulmaria</i> Rare Crack-willow <i>Salix fragilis</i> Locally frequent	

	<p>Greater Bird's-foot-trefoil <i>Lotus pedunculatus</i> Rare  Hedge Bedstraw <i>Galium mollugo</i> Rare  Bittersweet <i>Solanum dulcamara</i> Occasional  Yellow Iris <i>Iris pseudacorus</i> Rare  Reed Sweet-grass <i>Glyceria maxima</i> Locally abundant  Duckweeds <i>Lemna sp.</i> Rare  Brooklime <i>Veronica beccabunga</i> Rare  Jointed Rush <i>Juncus articulatus</i> Rare  Fool's-water-cress <i>Apium nodiflorum</i> Rare</p> <p><b>British National Grid (m):</b> 463083E, 298605N</p> <p><b>WGS84 (Lat/Long):</b> 52.5816°N, -1.0704°E</p>	
<b>TN28</b>	<p>Ponds (TN28)</p> <p>A series of two ponds similar to previous. NE pond is dominated by <i>Typha latifolia</i> and <i>Glyceria maxima</i>. Second pond is dominated by <i>Potamogeton natans</i>.</p> <p>Bulrush <i>Typha latifolia</i> Locally dominant  Reed Sweet-grass <i>Glyceria maxima</i> Locally abundant  Yellow Iris <i>Iris pseudacorus</i> Frequent  Floating Sweet-grass <i>glyceria fluitans</i> Frequent  Fool's-water-cress <i>Apium nodiflorum</i> Frequent  Jointed Rush <i>Juncus articulatus</i> Rare  Soft-rush <i>Juncus effusus</i> Rare  Sharp-flowered Rush <i>Juncus acutiflorus</i> Rare  Water-cress <i>Rorippa nasturtium-aquaticum</i> Rare  Meadowsweet <i>Filipendula ulmaria</i> Rare</p> <p><b>British National Grid (m):</b> 462976E, 298461N</p> <p><b>WGS84 (Lat/Long):</b> 52.5803°N, -1.072°E</p>	
<b>TN29</b>	<p>w1h5 Other woodland; mixed; mainly broadleaved</p> <p>Throughout the site there are parcels of mixed woodland of varying character. TN29 is the combined species list for all these woodland parcels with BNG condition plots recorded separately. Many of the woodlands have log piles near edges, plot 2 had bird boxes.</p> <p><b>Species – Canopy</b></p> <p>Wild Cherry <i>Prunus avium</i> Frequent  Hybrid black poplar <i>Populus x canadensis</i> Occasional  Horse-chestnut <i>Aesculus hippocastanum</i> Rare  Crack-willow <i>Salix fragilis</i> Rare  Ash <i>Fraxinus excelsior</i> Abundant  Sycamore <i>Acer pseudoplatanus</i> Occasional  Silver Birch <i>Betula pendula</i> Frequent  Japanese Larch <i>Larix kaempferi</i> Rare</p>	




	<p>Scots Pine <i>Pinus sylvestris</i> Occasional          Beech <i>Fagus sylvatica</i> Occasional          Lawson's Cypress <i>Chamaecyparis lawsoniana</i> Locally frequent          Rowan <i>Sorbus aucuparia</i> Occasional</p> <p><b>Species - Understorey</b></p> <p>Hawthorn <i>Crataegus monogyna</i> Locally abundant          Common Ivy <i>Hedera helix</i> Occasional          Elder <i>Sambucus nigra</i> Frequent          Hazel <i>Corylus avellana</i> Occasional          Guelder-rose <i>Viburnum opulus</i> Occasional          Dog roses <i>Rosa canina</i> Occasional          Holly <i>Ilex aquifolium</i> Occasional          Field Maple <i>Acer campestre</i> Frequent          Bramble <i>Rubus fruticosus</i> agg. Frequent          Dog roses <i>Rosa canina</i> Occasional</p> <p><b>Species - Field layer</b></p> <p>Cow Parsley <i>Anthriscus sylvestris</i> Frequent          Common Nettle <i>Urtica dioica</i> Abundant          Red Campion <i>silene dioica</i> Rare          Wood Avens <i>Geum urbanum</i> Abundant          Hedge Woundwort <i>Stachys sylvatica</i> Rare          Rough Meadow-grass <i>Poa trivialis</i> Frequent          Hogweed <i>Heracleum sphondylium</i> Occasional          Cleavers <i>Galium aparine</i> Occasional          Creeping Thistle <i>Cirsium arvense</i> Rare          Male-fern <i>Dryopteris filix-mas</i> Rare          Nipplewort <i>Lapsana communis</i> Occasional          Garlic Mustard <i>Alliaria petiolata</i> Occasional          Tufted Hair-grass <i>Deschampsia cespitosa</i> Rare          Bittersweet <i>Solanum dulcamara</i> Rare</p> <p><b>British National Grid (m):</b> 462805E, 298366N  <b>WGS84 (Lat/Long):</b> 52.5795°N, -1.0746°E</p>	
<p><b>TN30</b></p>	<p>w1175 Line of trees (ecologically valuable)</p> <p>Double width lines of trees comprising mixed species both broadleaved and conifer with a mix of ages. Quite wide but with just grass beneath. Natives (80%) and ornamentals (20%). Includes species of small length of remnant hedgerow (photo 3).</p> <p><b>Species</b></p> <p>Large-leaved Lime <i>Tilia platyphyllos</i> Locally abundant</p>	




	<p>Sycamore <i>Acer pseudoplatanus</i> Rare  Hornbeam <i>Carpinus betulus</i> Frequent  Silver Birch <i>Betula pendula</i> Abundant  Rowan <i>Sorbus aucuparia</i> Rare  Field Maple <i>Acer campestre</i> Occasional  Lawson's Cypress <i>Chamaecyparis lawsoniana</i>  Occasional  Wild Cherry <i>Prunus avium</i> Occasional  Goat Willow <i>Salix caprea</i> Occasional  Holly <i>Ilex aquifolium</i> Rare  English Elm <i>Ulmus procera</i> Locally frequent  Scots Pine <i>Pinus sylvestris</i> Occasional  Hybrid black poplar <i>Populus x canadensis</i> Occasional  Hawthorn <i>Crataegus monogyna</i> Locally frequent  Elder <i>Sambucus nigra</i> Locally frequent</p> <p><b>British National Grid (m):</b> 462818E, 298207N</p> <p><b>WGS84 (Lat/Long):</b> 52.5781°N, -1.0744°E</p>	
<p><b>TN31</b></p>	<p>w1175 Line(s) of trees (Ecologically valuable)</p> <p>Multiple lines of trees running south-west to north-east along the length of the golf course. To be time-efficient, these lines of trees have been considered together as they are similar across the length of the site. There is a mixture of ornamental and native species. Species list is for the two main lines of trees for the entire length of the course. (Also see TN6)</p> <p><b>Species</b></p> <p>Black Pine <i>Pinus nigra</i> Occasional  Maidenhair-tree <i>Ginkgo biloba</i> Rare  Honey-locust <i>Gleditsia sp.</i> Rare  Horse-chestnut <i>Aesculus hippocastanum</i> Occasional  Red Oak <i>Quercus rubra</i> Rare  London plane <i>Platanus x hispanica</i> Rare  Southern Magnolia <i>Magnolia grandiflora</i> Rare  Scots Pine <i>Pinus sylvestris</i> Frequent  Cherry plum <i>Prunus cerasifera 'nigra'</i> Locally frequent  Lombardy-poplar <i>Populus nigra 'italica'</i> Frequent  Sycamore <i>Acer pseudoplatanus</i> Frequent  Japanese Larch <i>Larix kaempferi</i> Occasional  Hornbeam <i>Carpinus betulus</i> Locally frequent  Nothofagus sp. Rare  Sitka Spruce <i>Picea sitchensis</i> Frequent  Whitebeam <i>Sorbus aria</i> Rare  Hawthorn <i>Crataegus monogyna</i> Rare  Pedunculate Oak <i>Quercus robur</i> Rare  Guelder-rose <i>Viburnum opulus</i> Rare  Large-leaved Lime <i>Tilia platyphyllos</i> Occasional  Silver Birch <i>Betula pendula</i> Frequent  Rowan <i>Sorbus aucuparia</i> Occasional</p>	



	White Poplar <i>Populus alba</i> Rare  <b>British National Grid (m):</b> 463489E, 298809N <b>WGS84 (Lat/Long):</b> 52.5834°N, -1.0644°E	
<b>TN32</b>	u1d Suburban/ mosaic of developed/ natural surface  Golf club and car parks with ornamental shrub borders.  <b>British National Grid (m):</b> 463765E, 299076N <b>WGS84 (Lat/Long):</b> 52.5858°N, -1.0603°E	


## O\_W\_001 – TARGET NOTES 33-100 (PROTECTED SPECIES)



<b>Project Name</b>	<b>Oadby Wigston LWS – O_W_001</b>
<b>Date of Survey</b>	29 August 2023
<b>Surveyor</b>	Stephanie Bennett
<b>Temperature</b>	18°C
<b>Cloud Cover</b>	100%
<b>Wind</b>	2 - Light breeze
<b>Precipitation</b>	No precipitation
<b>General Notes</b>	Protected species survey




Target Note	Description	Photos
<b>TN33</b>	Pond 1  GCN pond  <b>WGS84 (Lat/Long):</b> 52.5856°N, -1.0612°E	
<b>TN34</b>	Bird box on silver birch	

	<p><b>WGS84 (Lat/Long):</b> 52.5856°N, -1.0612°E</p>	
<p><b>TN35</b></p>	<p>Bird box next to pond sycamore tree</p> <p><b>WGS84 (Lat/Long):</b> 52.5854°N, -1.0613°E</p>	
<p><b>TN36</b></p>	<p>Bird nests in trees</p> <p>Rook?</p> <p><b>WGS84 (Lat/Long):</b> 52.586°N, -1.0601°E</p>	
<p><b>TN37</b></p>	<p>Wych elm T1</p>	


	<p>Low potential Thick ivy stems approx 4inches Early mature tall due to being choked by surrounding trees</p> <p><b>WGS84 (Lat/Long):</b> 52.586°N, -1.0602°E</p>	
<p><b>TN38</b></p>	<p>Good reptile amphibian habitat - hibernacula</p> <p>Northern edge of golf course within tree line</p> <p><b>WGS84 (Lat/Long):</b> 52.586°N, -1.0604°E</p>	
<p><b>TN39</b></p>	<p>T2</p> <p>Prf moderate early mature ash Trunk rot hole too high to endoscope from ground sw facing approx 3m high</p> <p><b>WGS84 (Lat/Long):</b> 52.5861°N, -1.0605°E</p>	




		
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<p><b>TN40</b></p>	<p>T3 low potential sycamore thick ivy stems on se side can't see high up as dense</p> <p><b>WGS84 (Lat/Long):</b> 52.5861°N, -1.0602°E</p>	
<p><b>TN41</b></p>	<p>Dry ditch running along western edge</p> <p><b>WGS84 (Lat/Long):</b> 52.5864°N, -1.0613°E</p>	




		
<p><b>TN42</b></p>	<p>Bird nest in immature mountain ash  <b>WGS84 (Lat/Long):</b> 52.5862°N, -1.0614°E</p>	
<p><b>TN43</b></p>	<p>T4 lime south of oak tree. Knot hole saw facing approx 2m high can't see how deep it goes. Endoscope.  <b>WGS84 (Lat/Long):</b> 52.586°N, -1.0616°E</p>	









		
<p><b>TN44</b></p>	<p>Log pile - hibernacula <b>WGS84 (Lat/Long): 52.5853°N, -1.063°E</b></p>	
<p><b>TN45</b></p>	<p>Wildlife hide <b>WGS84 (Lat/Long): 52.5849°N, -1.0624°E</b></p>	
<p><b>TN46</b></p>	<p>Newt fencing on bloor homes site <b>WGS84 (Lat/Long): 52.5841°N, -1.0655°E</b></p>	




		
<p><b>TN47</b></p>	<p>Inlet slowly trickling inch of water around this section of ditch</p> <p><b>WGS84 (Lat/Long):</b> 52.5835°N, -1.0668°E</p>	
<p><b>TN48</b></p>	<p>T5 mature ash knothole west facing 4m high can't see in to see depth l. Maybe endoscope?</p> <p><b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0694°E</p>	
<p><b>TN49</b></p>	<p>T6 semi mature ash with wound hole from branch tear - can't see in to depth but pointing upwards so water</p>	


	<p>ingress? South facing 4m high approx. Maybe worth a climb to endoscope if being removed</p> <p><b>WGS84 (Lat/Long):</b> 52.5821°N, -1.069°E</p>	
<p><b>TN52</b></p>	<p>T7 mature ash</p> <p>2 x knotholes east facing 6m high can't see into them. Can't get to west side to assess. Climb</p> <p><b>WGS84 (Lat/Long):</b> 52.5811°N, -1.0706°E</p>	

		
<p><b>TN53</b></p>	<p>T8 willow with tear outs too high to ground assess and ivy obscuring view of top section. Climb</p> <p><b>WGS84 (Lat/Long):</b> 52.5814°N, -1.0711°E</p>	
<p><b>TN54</b></p>	<p>T9 semi mature ash</p> <p>Split trunk south facing 10m high</p> <p><b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0703°E</p>	





		
<p><b>TN55</b></p>	<p>T10 early mature ash</p> <p>Wound on branch 3m high north east facing. Endoscope</p> <p><b>WGS84 (Lat/Long):</b> 52.5835°N, -1.0631°E</p>	
<p><b>TN56</b></p>	<p>T11 willow</p> <p>Split/cracked cker branches and peeling bark in places low potential</p> <p><b>WGS84 (Lat/Long):</b> 52.5827°N, -1.0645°E</p>	




		
<p><b>TN57</b></p>	<p>T12 willow</p> <p>Low potential next to T11 Split branches peeling bark in places</p> <p><b>WGS84 (Lat/Long):</b> 52.5826°N, -1.0646°E</p>	
<p><b>TN58</b></p>	<p>Squirrel dreys.</p> <p><b>WGS84 (Lat/Long):</b> 52.5813°N, -1.0697°E</p>	
<p><b>TN59</b></p>	<p>T13 mature ash in hedge</p> <p>Ivy cover Wound in branch 10m north west facing may be more prfs under ivy cover mod climb</p> <p><b>WGS84 (Lat/Long):</b> 52.5808°N, -1.071°E</p>	




		
<p><b>TN60</b></p>	<p>Dry ditch</p> <p><b>WGS84 (Lat/Long):</b> 52.5806°N, -1.0711°E</p>	
<p><b>TN61</b></p>	<p>T14 silver birch</p> <p>Large splits horizontal along branch 7m high approx south west facing mod climb</p> <p><b>WGS84 (Lat/Long):</b> 52.5799°N, -1.0729°E</p>	
<p><b>TN62</b></p>	<p>T15 mature ash high potential</p> <p>Lovely woodpecker/squirrel holes north east facing up main trunk cavity at base of main trunk with old wasp</p>	





	<p>nest in Wound north west facing Wound in branch and knotholes south facing</p> <p><b>WGS84 (Lat/Long):</b> 52.5794°N, -1.074°E</p>	 The image consists of four vertically stacked photographs of a large tree trunk and its branches. The top photo shows a close-up of the tree trunk with a distinct wound. The second photo shows the tree trunk from a slightly different angle, with a knothole visible. The third photo is another close-up of the tree trunk, showing the texture of the bark and the wound. The bottom photo shows a wider view of the tree's branches and leaves, with the trunk visible in the foreground.
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<p><b>TN64</b></p>	<p>T16 mature ash</p> <p>Split branch lower north east Can't see round west side as offsite</p> <p><b>WGS84 (Lat/Long):</b> 52.58°N, -1.0761°E</p>	
<p><b>TN65</b></p>	<p>T17 mature oak</p> <p>Low potential a few snapped branches</p> <p><b>WGS84 (Lat/Long):</b> 52.5798°N, -1.0765°E</p>	
<p><b>TN68</b></p>	<p>T18 deadwood</p> <p>High potential trunk split vertical and woodpecker holes</p> <p><b>WGS84 (Lat/Long):</b> 52.579°N, -1.0758°E</p>	




		
<p><b>TN69</b></p>	<p>Log piles</p> <p><b>WGS84 (Lat/Long): 52.5788°N, -1.0758°E</b></p>	
<p><b>TN70</b></p>	<p>T19 mature ash</p> <p>Numerous woodpecker/squirrel holes and rot/fungus high potential south facing</p> <p><b>WGS84 (Lat/Long): 52.5788°N, -1.0754°E</b></p>	



		
<p><b>TN71</b></p>	<p>T20 mature ash</p> <p>Snapped branch and holes near canopy branches sw facing</p> <p><b>WGS84 (Lat/Long):</b> 52.5787°N, -1.0755°E</p>	
<p><b>TN72</b></p>	<p>Dry ditch</p> <p><b>WGS84 (Lat/Long):</b> 52.5786°N, -1.0756°E</p>	
<p><b>TN73</b></p>	<p>Bat boxes</p>	

	<p><b>WGS84 (Lat/Long):</b> 52.5787°N, -1.0756°E</p>	
<p><b>TN74</b></p>	<p>Owl box</p> <p><b>WGS84 (Lat/Long):</b> 52.5785°N, -1.0752°E</p>	
<p><b>TN75</b></p>	<p>Barn owl box on edge of site</p> <p><b>WGS84 (Lat/Long):</b> 52.5773°N, -1.075°E</p>	
<p><b>TN76</b></p>	<p>T21 crabapple</p> <p>Broken branches - endoscope</p> <p><b>WGS84 (Lat/Long):</b> 52.5766°N, -1.0738°E</p>	





		
<p><b>TN77</b></p>	<p>T22 mature oak</p> <p>Split branches and knotholes mod</p> <p><b>WGS84 (Lat/Long): 52.5766°N, -1.0713°E</b></p>	
<p><b>TN78</b></p>	<p>T23 deadwood</p> <p>Ivy cover can't see if prfs</p> <p><b>WGS84 (Lat/Long): 52.5767°N, -1.0711°E</b></p>	
<p><b>TN79</b></p>	<p>T24 field maple mature</p> <p>Vertical branch wound can be seen from path in wood. Dry ditch at base . Wounds on other branches</p> <p><b>WGS84 (Lat/Long): 52.5779°N, -1.07°E</b></p>	

		
<p><b>TN80</b></p>	<p>T25 mature ash other side of path</p> <p>High pot</p> <p><b>WGS84 (Lat/Long): 52.5784°N, -1.069°E</b></p>	
<p><b>TN81</b></p>	<p>T26 mature ash</p> <p>High pot lots of breaks and knot holes</p> <p><b>WGS84 (Lat/Long): 52.5824°N, -1.0633°E</b></p>	






		
<b>TN82</b>	<p>T27 and T28</p> <p>Low pot ash due to size and ivy obscuring potential features</p> <p><b>WGS84 (Lat/Long):</b> 52.5819°N, -1.064°E</p>	
<b>TN83</b>	<p>T29 field maple</p> <p>Wound in branchb</p> <p><b>WGS84 (Lat/Long):</b> 52.5819°N, -1.064°E</p>	
<b>TN84</b>	<p>T30 mature ash behind tree line</p> <p>Knotholes Woodpecker hole above wound on branch Ivy cover</p> <p><b>WGS84 (Lat/Long):</b> 52.5818°N, -1.0641°E</p>	



		
<p><b>TN85</b></p>	<p>T31 mature ash</p> <p>Fungus deadwood knot holes low pot</p> <p><b>WGS84 (Lat/Long): 52.5817°N, -1.0643°E</b></p>	






		
<b>TN86</b>	<p>Snapped tree!</p> <p><b>WGS84 (Lat/Long):</b> 52.582°N, -1.0651°E</p>	
<b>TN87</b>	<p>T32 Ash</p> <p>Low pot ivy and size</p> <p><b>WGS84 (Lat/Long):</b> 52.5819°N, -1.0648°E</p>	
<b>TN89</b>	<p>T33 ash</p> <p>Lightning strike? Lots of nooks and crannies High potential Dry ditch underneath</p> <p><b>WGS84 (Lat/Long):</b> 52.5822°N, -1.0665°E</p>	

		
<b>TN90</b>	Mammal run into thick bramble	

	<p><b>WGS84 (Lat/Long):</b> 52.5812°N, -1.0675°E</p>	
<p><b>TN91</b></p>	<p>Dry ditch</p> <p><b>WGS84 (Lat/Long):</b> 52.5811°N, -1.0677°E</p>	
<p><b>TN92</b></p>	<p>T34 ash</p> <p>Wounds on main stem and branches Moderate</p> <p><b>WGS84 (Lat/Long):</b> 52.5811°N, -1.0678°E</p>	
<p><b>TN94</b></p>	<p>T35 and 36 silver birch</p> <p>Knotholes for endoscopy</p> <p><b>WGS84 (Lat/Long):</b> 52.5789°N, -1.0717°E</p>	
<p><b>TN95</b></p>	<p>T37 ash multistem</p> <p>Gnarly Woodpecker hole 2m up trunk</p> <p><b>WGS84 (Lat/Long):</b> 52.5787°N, -1.0725°E</p>	

<p><b>TN97</b></p>	<p>T38?Multistem ash</p> <p>High potential Squirrel and woodpecker holes</p> <p><b>WGS84 (Lat/Long):</b> 52.5775°N, -1.0736°E</p>	
<p><b>TN98</b></p>	<p>T39 Multiple stem ash fungus and vertical trunk wound</p> <p>Moderate</p> <p><b>WGS84 (Lat/Long):</b> 52.5778°N, -1.0704°E</p>	

		
<p><b>TN99</b></p>	<p>T40 field maple</p> <p>Wound holes mod Split horizontal branch</p> <p><b>WGS84 (Lat/Long): 52.5779°N, -1.0701°E</b></p>	
<p><b>TN100</b></p>	<p>T41 ash</p> <p>Holes on branches Knot holes and woodpecker holes high</p>	

	<p><b>WGS84 (Lat/Long):</b> 52.5824°N, -1.0632°E</p>	
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## APPENDIX D: CONDITION ASSESSMENTS BY SITE

### OAD\_002 & OAD\_009/010/011

#### CONDITION ASSESSMENT: 784-B045956 - TN54

<p><b>Project Number</b> 784-B045956</p>	<p><b>Project Name</b> Oadby Wigston OAD_002 and OAD_009</p>	<p><b>Date of Survey</b> 3 May 2023</p>	<p><b>Surveyor</b> Tom Ward</p>
<p><b>Reason for Assessment</b></p>			
<p><b>Temperature</b> 14°C</p>	<p><b>Cloud Cover</b> 60%</p>	<p><b>Wind</b> 2 - Light breeze</p>	<p><b>Precipitation</b></p>

**Habitat Type: Woodland - Lowland mixed deciduous woodland**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



Habitat Description:		
See TN54 (assessed as one plot due to small size of woodland)		
Condition Assessment Criteria		
Indicator	Score	Notes
A	2	Old and young trees present, seedlings not seen.
B	3	
C	1	Prunus laurocerasus; one patch near gardens.
D	3	
E	3	
F	3	
G	2	
H	3	
I	2	W10 (ish?)
J	3	
K	1	
L	2	Deadwood is present, mainly fallen limbs from the oaks and a standing dead Ulmus.
M	2	There is a high proportion of Urtica and Galium aparine in the ground layer around the edges toward the arable field to the north. There is also some garden waste dumped near the fence line (photo 2)
<b>Total Score</b>		<b>30</b>
Condition Assessment Rating		
<b>MODERATE CONDITION</b>		
Suggested enhancement interventions to improve condition score		

**CONDITION ASSESSMENT: 784-B045956 - TN53**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)**

Location	Photograph
	

<b>Habitat Description:</b> See TN53		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	All native trees
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	100% canopy cover
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Large Quercus robur covered in Ivy present.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>FAIL</b>	The trees have a garden fence around 3m to the SW. Homeowners are using the area beneath the trees for garden refuse.
<b>E</b> At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		







### CONDITION ASSESSMENT: 784-B045956 - TN52

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Wetland - Fens (upland & lowland)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description:		
Condition Assessment Criteria	Pass/Fail	Notes
CORE CRITERIA - applicable to all wetland habitat types:		
<b>A</b>	<b>PASS</b>	Water seems to be percolating out of the ground as in springs
The water table is at or near the surface throughout the year, this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above. <b>NB - this criterion is essential for achieving good condition.</b>		

<b>B</b>	The appearance and composition of the vegetation closely matches characteristics of the specific wetland habitat type (see UKHab definition linked above). Indicator species for the specific wetland habitat type1 are very clearly and easily visible.	<b>PASS</b>	It keyed out as f2f with Epilobium hirsutum and Typha latifolia
<b>C</b>	The water supplies (groundwater, surface water and/or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	It seems clear and non polluted.
<b>D</b>	Cover of scrub and scattered trees less than 10%.	<b>PASS</b>	Only scrub around the edges where dry.
<b>E</b>	Cover of bare ground less than 5%.	<b>PASS</b>	
<b>F</b>	There is an absence of invasive non-native species (as listed on Schedule 9 of WCA, 1981) and species indicative of sub-optimal condition make up less than 5% of ground cover.	<b>FAIL</b>	Rumex make up around 5%
<b>ADDITIONAL CRITERION - only applicable to Fen and Purple moor grass and rush pasture habitat type:</b>			
<b>G</b>	No more than 25% of the fen area has a continuous cover of litter (i.e. dead vegetation) preventing regeneration.	<b>FAIL</b>	Whole area is covered in Epilobium hirsutum litter
<b>ADDITIONAL CRITERION - only applicable to Bog habitat type:</b>			
<b>H</b>	Sphagnum and cottongrasses are at least frequent. Cover of ericaceous dwarf-shrubs2 is less than 75%.		
<b>ADDITIONAL CRITERION - only applicable to Reedbed habitat type:</b>			
<b>I</b>	The reedbed has a diverse structure with between 60 and 80% reeds. Other areas may include open water (at least 10%), species-rich fen and/or wet woodland.		
<b>ADDITIONAL CRITERION - only applicable to Floodplain wetland mosaic (CFGM) habitat type:</b>			
<b>J</b>	All ditches recorded within the habitat achieve Good condition as assessed using the Ditch condition sheet.		
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## CONDITION ASSESSMENT: 784-B045956 - TN48

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Woodland - Other woodland; broadleaved

Location	Photograph



<b>Habitat Description:</b> See TN48			
<b>Condition Assessment Criteria</b>			
<b>Indicator</b>		<b>Score</b>	<b>Notes</b>
<b>A</b>	Age distribution of trees	<b>1</b>	Only those adolescent trees that have been planted.
<b>B</b>	Wild, domestic and feral herbivore damage	<b>3</b>	
<b>C</b>	Invasive plant species	<b>3</b>	
<b>D</b>	Number of native tree species	<b>3</b>	Seven native trees and Shrubs planted.
<b>E</b>	Cover of native tree and shrub species	<b>3</b>	Betula pendula is abundant with others
<b>F</b>	Open space within woodland	<b>3</b>	Still areas of grassland within the woodland that are open as glades.
<b>G</b>	Woodland regeneration	<b>1</b>	
<b>H</b>	Tree health	<b>3</b>	
<b>I</b>	Vegetation and ground flora	<b>1</b>	
<b>J</b>	Woodland vertical structure	<b>2</b>	Canopy trees and shrub layer planted.
<b>K</b>	Veteran trees	<b>1</b>	
<b>L</b>	Amount of deadwood	<b>1</b>	
<b>M</b>	Woodland disturbance	<b>3</b>	
<b>Total Score</b>		<b>28</b>	
<b>Condition Assessment Rating</b>			

<b>MODERATE CONDITION</b>
<b>Suggested enhancement interventions to improve condition score</b>

### CONDITION ASSESSMENT: 784-B045956 - TN47

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Grassland - Modified grassland

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	 <p>7 May 2023 12:16</p>

<b>Habitat Description:</b> See TN47		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> There are 6-8 vascular plant species per m <sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b>  Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m <sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.	<b>PASS</b>	7.5 Avg. Weedy version of the managed sport pitch.
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates	<b>PASS</b>	See TN47

	which provide opportunities for vertebrates and invertebrates to live and breed.		
<b>C</b>	Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b>	<b>PASS</b>	No scrub present
<b>D</b>	Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.	<b>PASS</b>	
<b>E</b>	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	<b>PASS</b>	Bare ground to 5%
<b>F</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	<b>PASS</b>	
<b>G</b>	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>7</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN44

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Grassland - Other neutral grassland

Location	Photograph
	





Habitat Description: See TN44		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b>	<b>FAIL</b>	Keys out to g3c, as Elymus dominated grassland
<b>B</b>	<b>FAIL</b>	Varies from 35cm (70%) to 5cm - 15cm (30%)
<b>C</b>	<b>FAIL</b>	No bare ground
<b>D</b>	<b>FAIL</b>	No bracken
<b>E</b>	<b>FAIL</b>	No suboptimal species.
<b>ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</b>		
<b>F</b>	<b>FAIL</b>	Very few species per m2; average of 4.
Essential criterion A achieved? (Y/N)		<b>NO</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)		<b>NO</b>
Number of criteria passed		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>POOR CONDITION</b>		
Suggested enhancement interventions to improve condition score		



### CONDITION ASSESSMENT: 784-B045956 - TN45

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
Temperature 14°C	Cloud Cover 60%	Wind 2 - Light breeze	Precipitation

### Habitat Type: Grassland - Modified grassland

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> See TN45; sport pitch		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b></p> <p>There are 6-8 vascular plant species per m<sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). Note - this criterion is essential for achieving Moderate or Good condition.</p> <p>Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m<sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.</p>	<b>FAIL</b>	Three species per quadrat.
<p><b>B</b></p> <p>Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.</p>	<b>FAIL</b>	All 4cm

C	Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.	FAIL	No scrub
D	Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.	PASS	No damage present
E	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	FAIL	No bare ground
F	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	PASS	No bracken present
G	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	PASS	
Essential criterion A achieved? (Y/N)			NO
Number of criteria passed			3
Condition Assessment Rating			
<b>POOR CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN5

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
	



**Habitat Description:**

See TN39 (?)

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	Hedgerow shrub layer is to 7m tall in places.
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	Width is to around 5m, possibly more if included suckering blackthorn.
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Hedge not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No vertical gaps.
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Some storage of garden machinery near the hedge but <10% of its length.
<b>C2</b>	Undesirable perennial vegetation Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Small patch of nettles at western corner, to 5%
<b>D1</b>	Invasive and neophyte species >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage >90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>FAIL</b>	Is some brash piles and machinery storage probably reaching 10%
<b>Additional group – applicable to hedgerows with trees only</b>			

<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	Trees all the same age; Semi-mature
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	No signs of dieback on the Fraxinus
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

### CONDITION ASSESSMENT: 784-B045956 - TN40

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 3 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

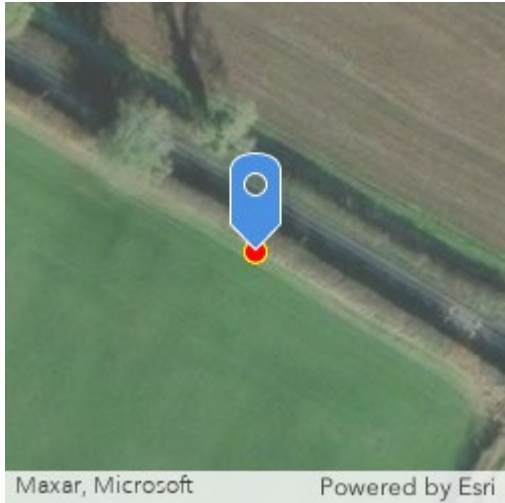
**Habitat Description:**  
See TN40

Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Hedgerow shrub layer is 2.5m tall approx.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Hedgerow is 3.5 to 4m wide for all it's length
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Hedge not gappy at base, 100% cover.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps at all.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	On the east side there is grassland that is allowed to grow long, West Side is a tussocky Road verge >1m wide.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	There are spots of Urtica and Galium aparine, but only to 5%
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	Only mature trees present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>9</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN37**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 28 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN37

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	To 10m tall
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Around 5m wide

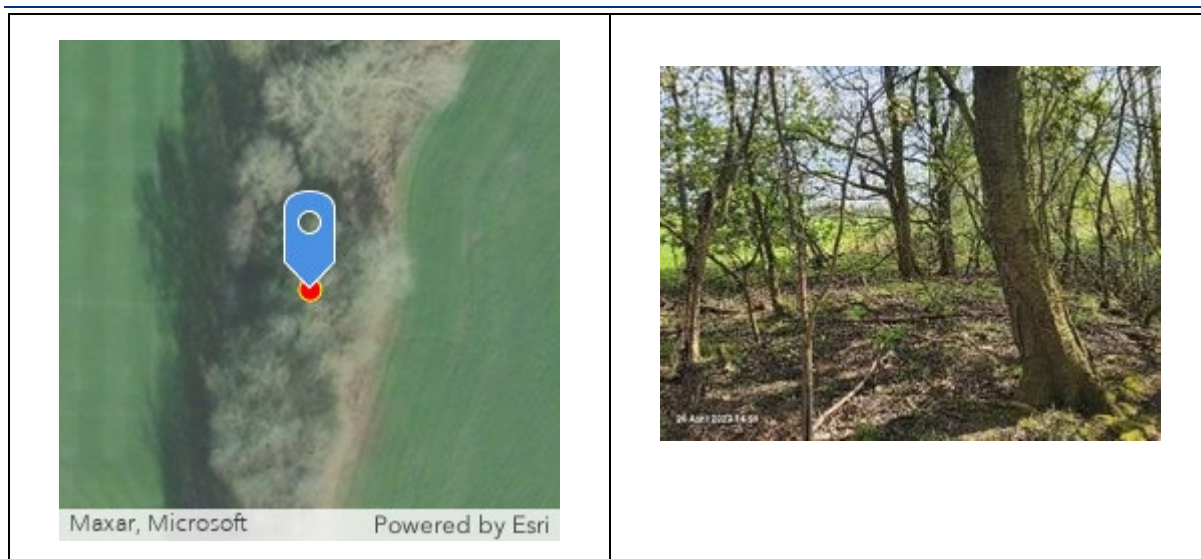
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>FAIL</b>	Hedge gappy at base where shrub layer is thin.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy gap of around 8m at western end.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Vegetation on northern side is managed as a rugby pitch.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Urtica dioica, Galium aparine and Rumex obtusifolius present at high volumes.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>FAIL</b>	Damage on rugby pitch side from mowing and herbicide treatment
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature Populus and young Prunus padus.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>6</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN21**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 27 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Woodland - Lowland mixed deciduous woodland**

Location	Photograph
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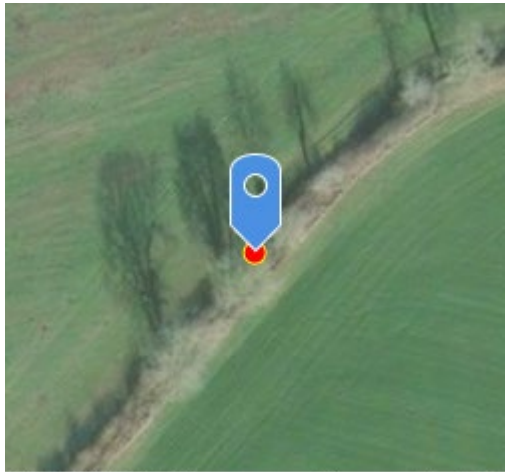

Habitat Description: See TN21			
Condition Assessment Criteria			
Indicator	Score	Notes	
<b>A</b>	Age distribution of trees	<b>3</b>	
<b>B</b>	Wild, domestic and feral herbivore damage	<b>3</b>	
<b>C</b>	Invasive plant species	<b>3</b>	
<b>D</b>	Number of native tree species	<b>3</b>	
<b>E</b>	Cover of native tree and shrub species	<b>3</b>	
<b>F</b>	Open space within woodland	<b>3</b>	
<b>G</b>	Woodland regeneration	<b>2</b>	
<b>H</b>	Tree health	<b>3</b>	
<b>I</b>	Vegetation and ground flora	<b>1</b>	
<b>J</b>	Woodland vertical structure	<b>2</b>	
<b>K</b>	Veteran trees	<b>1</b>	
<b>L</b>	Amount of deadwood	<b>2</b>	
<b>M</b>	Woodland disturbance	<b>3</b>	
<b>Total Score</b>		<b>32</b>	
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			



### CONDITION ASSESSMENT: 784-B045956 - TN25

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 27 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN25

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Over 1.5m tall for all of its length.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	>1.5 wide for all of length
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Hedge not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gaps <10%
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Pass, hedgerow has a ground flora strip on south side and a ditch then verge on North side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>9</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



## CONDITION ASSESSMENT: 784-B045956 - TN32

• Project Number 784-B045956	• Project Name Oadby Wigston OAD_002 and OAD_009	• Date of Survey 26 April 2023	• Surveyor Tom Ward
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<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>		
<ul style="list-style-type: none"> <li>Temperature</li> <li>14°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>60%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>2 - Light breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> </ul>

### Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)

Location	Photograph
	

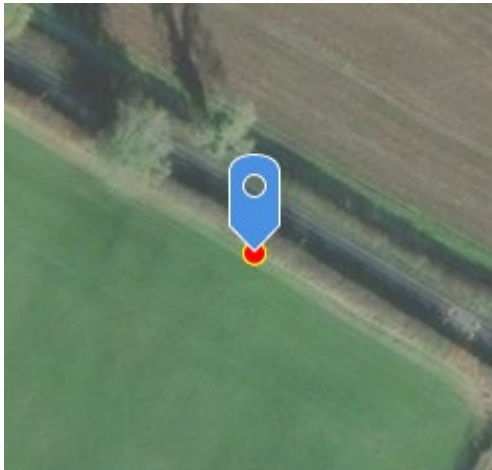

Description:		Habitat	
Condition Assessment Criteria		Pass/Fail	Notes
<ul style="list-style-type: none"> <li>See TN32</li> </ul>	<ul style="list-style-type: none"> <li>At least 70% of trees are native species.</li> </ul>	<ul style="list-style-type: none"> <li><b>FAIL</b></li> </ul>	<ul style="list-style-type: none"> <li>Mostly Acer pseudoplatanus and Fagus sylvatica</li> </ul>
<ul style="list-style-type: none"> <li>Tree canopy is predominantly continuous with gaps in canopy cover making up &lt;10% of total area and no individual gap being &gt;5 m wide.</li> </ul>	<ul style="list-style-type: none"> <li>One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Many trees with knot holes and ivy covering, some approaching veteran.</li> </ul>
<ul style="list-style-type: none"> <li>There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.</li> </ul>	<ul style="list-style-type: none"> <li>At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Fenced off from field and has garden fences set back from trees.</li> </ul>

adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
• <b>Number of criteria passed</b>		• <b>4</b>
• <b>Condition Assessment Rating</b>		
• <b>MODERATE CONDITION</b>		
• <b>Suggested enhancement interventions to improve condition score</b>		
•		

### CONDITION ASSESSMENT: 784-B045956 - TN16

• <b>Project Number</b> 784-B045956	• <b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	• <b>Date of Survey</b> 26 April 2023	• <b>Surveyor</b> Tom Ward
• <b>Reason for Assessment</b>			
• <b>Temperature</b> 14°C	• <b>Cloud Cover</b> 60%	• <b>Wind</b> 2 - Light breeze	• <b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable) - associated with bank or ditch**

• Location	• Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	 <p>26 April 2023 17:52</p> <p>26 April 2023 17:52</p>

Description:		Habitat	
<ul style="list-style-type: none"> <li>Line of poplar trees associated with a ditch.</li> </ul>			
Condition Assessment Criteria	Pass/Fail	Notes	
<ul style="list-style-type: none"> <li>At least 70% of trees are native species.</li> </ul>	<ul style="list-style-type: none"> <li><b>FAIL</b></li> </ul>	<ul style="list-style-type: none"> <li>All Populus x canadensis</li> </ul>	
<ul style="list-style-type: none"> <li>Tree canopy is predominantly continuous with gaps in canopy cover making up &lt;10% of total area and no individual gap being &gt;5 m wide.</li> </ul>	<ul style="list-style-type: none"> <li><b>FAIL</b></li> </ul>	<ul style="list-style-type: none"> <li>Tree canopy mostly touching with one gap around 12m</li> </ul>	
<ul style="list-style-type: none"> <li>One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Some trees with Ivy, some with broken limbs, others with deadwood</li> </ul>	
<ul style="list-style-type: none"> <li>There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Mostly tall Herb (ruderal) beneath trees with scattered bramble scrub</li> </ul>	
<ul style="list-style-type: none"> <li>At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Trees all in good health other than broken limbs (Features)</li> </ul>	
<ul style="list-style-type: none"> <li><b>Number of criteria passed</b></li> </ul>		<ul style="list-style-type: none"> <li><b>3</b></li> </ul>	
Condition Assessment Rating			
<h2 style="color: orange;">MODERATE CONDITION</h2>			
Suggested enhancement interventions to improve condition score			
<ul style="list-style-type: none"> <li></li> </ul>			

### CONDITION ASSESSMENT: 784-B045956 - TN7

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 26 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph



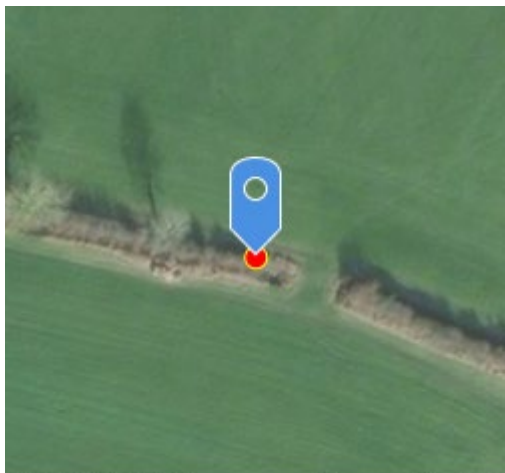

<b>Habitat Description:</b> See TN7				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Over 1.5m tall for all of its length.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	>1.5 wide for all of length
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>PASS</b>	Hedge base gappy but not over 10%
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gap at gateways. Few small gaps but not to 10%
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Pass, hedgerow has a ground flora strip on both sides. With a ditch on the east and south sides.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Urtica dioica, Galium aparine and Heracleum sphondylium present but only at low volumes.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including	<b>PASS</b>	

		those listed on Schedule 9 of WCA) and recently introduced species.		
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Semi-mature ashes, mature oaks.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Signs of Ash dieback but not extensive.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>10</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

### CONDITION ASSESSMENT: 784-B045956 - TN9

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 26 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Watercourse - Ditches

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Habitat Description:			
Small ditch to 1m ewid that follows hedge 2. See target note 9.			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	Seemingly clear water.
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>FAIL</b>	Mainly Abundant Epilobium hirsutum
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>PASS</b>	No algae or Duckweed noted.
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>PASS</b>	
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	Ditch is buried within hedgerow so mostly protected.
<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>PASS</b>	Precautionary as unsure of water level in summer.
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>FAIL</b>	Lots of the ditch is in the shade of the hedgerow.
<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	No non-natives
Essential criterion A achieved? (Y/N)		<b>YES</b>	
Number of criteria passed		<b>6</b>	
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN5

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 26 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow - associated with bank or ditch**

Location	Photograph



Habitat Description:				
See TN5				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Over 1.5m tall for all of its length.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	>1.5 wide for all of length
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>PASS</b>	Hedge not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gap at fence area but this is covered by bramble.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Pass, hedgerow has a ground flora strip on south side and a ditch then verge on North side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Urtica dioica, Galium aparine and Heracleum sphondylium all present at high volumes.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				


<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



### CONDITION ASSESSMENT: 784-B045956 - TN15

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston OAD_002 and OAD_009	<b>Date of Survey</b> 26 April 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 14°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Cropland - Temporary grass and clover leys**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	 <p>26 April 2023 12:09</p>

### OAD\_003

### CONDITION ASSESSMENT: 784-B045956 - TN17

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph



Habitat Description:				
TN17				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Very variable but average is around 3m for 90% of length.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Variable from 1.5 to 3.5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Slightly gappy in places but only to around 8%
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	There are some areas >5m where residents have cleared the hedge behind their gardens and only bramble persists.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Yes, good herbaceous vegetation either side of hedge especially field side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and rank grasses present for around 20% of length
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	There is sycamore, cherry laurel and snowberry but cover is less than 10%

<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damage to hedgerow, although garden fences are nearby.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Old, mature and young all present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees in good health.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				
Reinstate hedge where it has been damaged by residents, regular management to prevent it scrubbing up.				

**CONDITION ASSESSMENT: 784-B045956 - TN16**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Grassland - Other neutral grassland**

Location	Photograph
	



<b>Habitat Description:</b> TN16		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present. <b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b>	<b>PASS</b>	g3c6 exact match
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.	<b>PASS</b>	Sward height fairly consistent from 55-90cm
<b>C</b> Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.	<b>PASS</b>	Bare ground to 1%
<b>D</b> Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus agg.</i> ) is less than 5%.	<b>PASS</b>	No scrub or bracken
<b>E</b> Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.  If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.	<b>PASS</b>	Minimal, only Dock and creeping thistle to 1% cover.
<b>ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</b>		

<b>F</b>	There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	<b>FAIL</b>	AVG. 8.8 n=5
Essential criterion A achieved? (Y/N)			<b>YES</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			<b>NO</b>
Number of criteria passed			<b>4</b>
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

**CONDITION ASSESSMENT: 784-B045956 - TN13**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

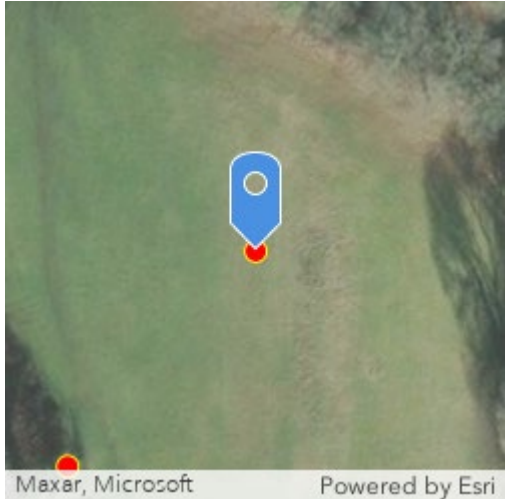

<b>Habitat Description:</b>				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Shrubby component average height is 3m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Variable but on average 2.5m wide.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Some gaps where shaded but mostly meeting the ground for 90% of length.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95%
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and	<b>PASS</b>	Road verge on one side, field grassland on other.

		- is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Mostly only grasses growing near hedgerow, no Nettles, Cleavers etc.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present bar Sycamore.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damaging activities.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature, veteran, young all present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	All trees in good health.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>10</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN4**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Grassland - Other neutral grassland**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN4			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b>	<b>PASS</b>	Matches g3c6 perfectly.	
<b>B</b>	<b>PASS</b>	Consistently 60-85cm, hay crop.	
<b>C</b>	<b>PASS</b>	No bare ground.	
<b>D</b>	<b>PASS</b>	No scrub or bramble encroachment.	
<b>E</b>	<b>PASS</b>	Creeping thistle present but <5%	
<p>If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.</p>			
ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:			



<b>F</b>	There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	<b>PASS</b>	10 per m2, n=5
Essential criterion A achieved? (Y/N)			<b>YES</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			<b>YES</b>
Number of criteria passed			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Create variations in sward height, make scrapes for bare ground.			

**CONDITION ASSESSMENT: 784-B045956 - TN7**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

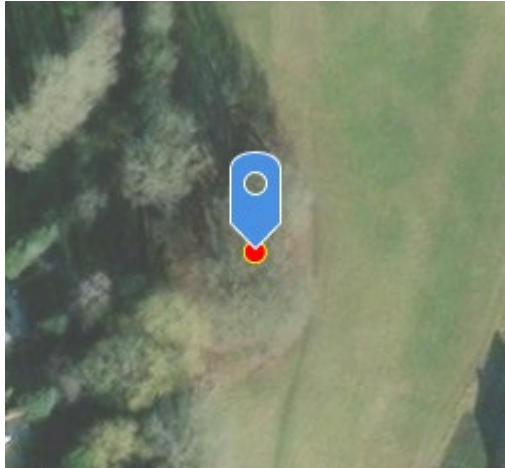

<b>Habitat Description:</b> See TN7				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Height of shrub component mostly 3-4m on average.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Varies from 4.5m to 1m, but average is 3.5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>FAIL</b>	Hedge gappy for around 15%, management neglected.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Large gap but tree canopy fills it, cover 95%
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	Herbaceous vegetation for the whole length

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Eutrophic forbs present (Galium, Epilobium etc) to 15% of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	Sycamore only.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damage.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mostly young and mature trees present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees in good health with little ash dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>9</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				
Resume active management or it will turn to scrub.				

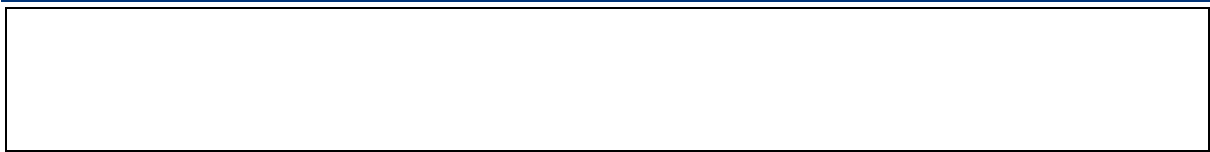
**CONDITION ASSESSMENT: 784-B045956 - TN10**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



<b>Habitat Description:</b> See TN10			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Quercus robur 100%
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Tree canopy connected. 100%
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature reaching veteran
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No signs of damage or pruning
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Many niches in split limbs and cavities, with heart rot etc.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	All vegetated beneath canopy.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



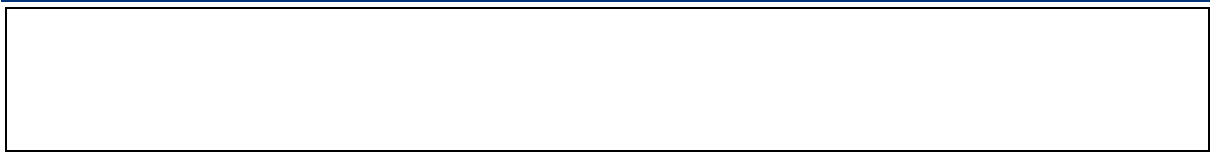
**CONDITION ASSESSMENT: 784-B045956 - TN5**

Project Number 784-B045956	Project Name Oadby Wigston LWS OAD_003	Date of Survey 21 June 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 20°C	Cloud Cover 60%	Wind 2 - Light breeze	Precipitation No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
	

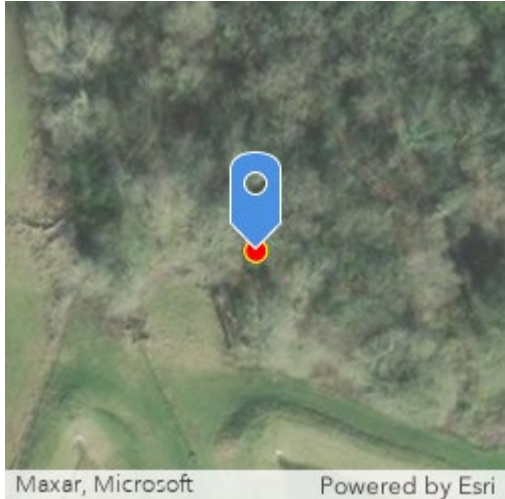

Habitat Description: Block of oak trees.			
Condition Assessment Criteria		Pass/Fail	Notes
A	The tree is a native species (or at least 70% within the block are native species).	PASS	Quercus robur 100%
B	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	PASS	Canopy cover is 95%
C	The tree is mature (or more than 50% within the block are mature).	PASS	All mature
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	PASS	
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	PASS	There is ivy and there are split limbs etc.
F	More than 20% of the tree canopy area is oversailing vegetation beneath.	PASS	Vegetation beneath all trees.
Number of criteria passed			6
Condition Assessment Rating			
<b>GOOD CONDITION</b>			
Suggested enhancement interventions to improve condition score			



**CONDITION ASSESSMENT: 784-B045956 - TN1**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_003	<b>Date of Survey</b> 21 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Woodland - Lowland mixed deciduous woodland**

Location	Photograph
	

<b>Habitat Description:</b> See TN1			
<b>Condition Assessment Criteria</b>			
Indicator	Score	Notes	
<b>A</b>	Age distribution of trees	3	Old, intermediate and young all present.
<b>B</b>	Wild, domestic and feral herbivore damage	3	No browse line
<b>C</b>	Invasive plant species	1	Snowberry abundant and dominant throughout the woodland
<b>D</b>	Number of native tree species	3	
<b>E</b>	Cover of native tree and shrub species	2	Canopy mostly native oak, shrubs a mix of snowberry and natives
<b>F</b>	Open space within woodland	3	
<b>G</b>	Woodland regeneration	3	4-7cm trees present as well as saplings and seedlings.
<b>H</b>	Tree health	1	Ash dieback present
<b>I</b>	Vegetation and ground flora	2	
<b>J</b>	Woodland vertical structure	3	Shrub layer, young trees and canopy layer all present
<b>K</b>	Veteran trees	1	





<b>L</b>	Amount of deadwood	<b>3</b>	Deadwood frequent and in all woodland plots
<b>M</b>	Woodland disturbance	<b>3</b>	
<b>Total Score</b>			<b>31</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## OAD\_004

### CONDITION ASSESSMENT: 784-B045956 - TN1

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_004	<b>Date of Survey</b> July 12, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Grassland - Other neutral grassland

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN1		
<b>Condition Assessment Criteria</b>	<b>Pass/Fail</b>	<b>Notes</b>

<b>A</b>	The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present. <b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b>	<b>PASS</b>	Matches the g3c6 with Lolium, Prunella, Achillea, Ranunculus repens, Plantago lance etc
<b>B</b>	Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.	<b>PASS</b>	20% is to around 10cm, the rest is fairly short to 5cm and patchy.
<b>C</b>	Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.	<b>PASS</b>	Bare ground cover to 35%, heavily poached.
<b>D</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus</i> agg.) is less than 5%.	<b>PASS</b>	No bracken or bramble.
<b>E</b>	Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.  If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.	<b>PASS</b>	Rumex obtusifolius, Urtica dioica, Ranunculus repens, Plantago major all locally frequent. (Combined to around 15%)
<b>ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</b>			
<b>F</b>	There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	<b>FAIL</b>	Avg. over 5 quadrats is 13, but is 6.6 when excluding suboptimal species.
Essential criterion A achieved? (Y/N)			<b>YES</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			<b>NO</b>
Number of criteria passed			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

**CONDITION ASSESSMENT: 784-B045956 - TN3**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_004	<b>Date of Survey</b> July 12, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph



Habitat Description:				
TN3				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Height average with trees is 10-15m
<b>A2</b>	Width	>1.5 m average along length	<b>FAIL</b>	Thins out considerable toward the southern western end to around 1.2m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>FAIL</b>	Many gaps in the shrub layer, not stock proof. Gaps make up around 15%.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy cover 95%. Gap at access on southern side to 5m but not included.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	The hedge goes directly onto Grassland for all of its length.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles and docks are present but to 10%
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>FAIL</b>	There is one sycamore seedling on the southern edge.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	There are outbuildings on the southern edge but they take up less than 10% of the length.
Additional group – applicable to hedgerows with trees only				

<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Young and mature ash trees.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Ash trees appear to be in good health.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				
Remove the sycamore and increase width through planting and management.				

**CONDITION ASSESSMENT: 784-B045956 - TN2**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_004	<b>Date of Survey</b> July 12, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Heathland and Shrub - Hawthorn scrub**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN2		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i>, which can be up to 100% cover).</p>	<b>PASS</b>	Hawthorn is native.
<p><b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran2) shrubs are all present.</p>	<b>FAIL</b>	Only mature shrubs present.
<p><b>C</b> There is an absence of invasive non-native plant species3 (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition5 make up less than 5% of ground cover.</p>	<b>PASS</b>	Nettles present but lower than 5%

<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>FAIL</b>	Scrub goes straight on to Grassland, no ecotone.
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>FAIL</b>	Scrub is just as standards on Grassland, no sheltered edges.
<b>Number of criteria passed</b>			<b>2</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Allow the regenerate and recruitment of the Hawthorn scrub by reducing grazing pressure or having a fence around the scrub.			

## OAD\_005

### CONDITION ASSESSMENT: 784-B045956 - TN14

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Line of trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b> TN14			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	At least 70% of trees are native species.	<b>PASS</b>	All Betula pendula

<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy is well developed.
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	All similar age and in good health
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN9

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Habitat Description:				
TN9				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	95% cover
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Gap where tree has fallen.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature and saplings
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



**CONDITION ASSESSMENT: 784-B045956 - TN5**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN5				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
<b>Attributes and functional groupings (A, B, C, D &amp; E)</b>	<b>Criteria (the minimum requirements for 'favourable condition')</b>	<b>Pass/Fail</b>	<b>Notes</b>	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash dieback present
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>9</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: 784-B045956 - TN4

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Watercourse - Ditches

Location	Photograph





Habitat Description:			
TN4			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	Clear water
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>FAIL</b>	
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>PASS</b>	
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>FAIL</b>	
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	
<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>PASS</b>	
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>FAIL</b>	
<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	
Essential criterion A achieved? (Y/N)			<b>YES</b>
Number of criteria passed			<b>5</b>
Condition Assessment Rating			
<b>POOR CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN2

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
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Reason for Assessment			
Temperature 18°C	Cloud Cover 40%	Wind 2 - Light breeze	Precipitation No precipitation

### Habitat Type: Heathland and Shrub - Blackthorn scrub

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description:			
TN2			
Condition Assessment Criteria	Pass/Fail	Notes	
<p><b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i>, which can be up to 100% cover).</p>	<b>FAIL</b>	Is h3a6, all Blackthorn.	
<p><b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran2) shrubs are all present.</p>	<b>PASS</b>	Mature and suckers.	
<p><b>C</b> There is an absence of invasive non-native plant species3 (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition5 make up less than 5% of ground cover.</p>	<b>PASS</b>		
<p><b>D</b> The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.</p>	<b>PASS</b>	Good ecotone with Grassland	
<p><b>E</b> There are clearings, glades or rides present within the scrub, providing sheltered edges.</p>	<b>PASS</b>		
<b>Number of criteria passed</b>			<b>4</b>
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

**CONDITION ASSESSMENT: 784-B045956 - TN1**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_005	<b>Date of Survey</b> 13 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Grassland - Other neutral grassland**

Location	Photograph
	

<b>Habitat Description:</b> TN1		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present. <b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b>	<b>PASS</b>	Is g3c5
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.	<b>PASS</b>	Sward all rank.
<b>C</b> Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.	<b>PASS</b>	Localised bare ground.
<b>D</b> Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus agg.</i> ) is less than 5%.	<b>PASS</b>	Present bramble but low
<b>E</b> Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.  If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.	<b>PASS</b>	Sub optimal low.
ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:		

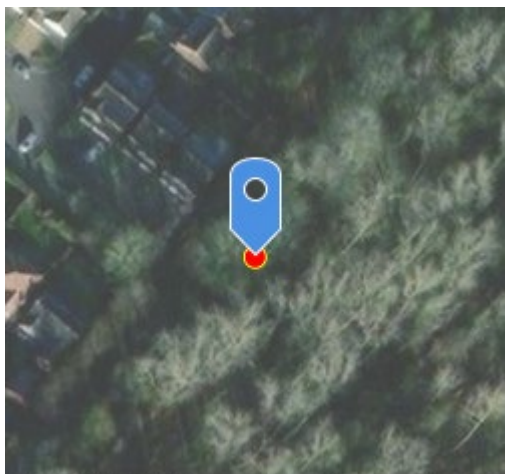

<b>F</b>	There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	<b>PASS</b>	Avg 10 spp per q (n=5)
Essential criterion A achieved? (Y/N)			<b>YES</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			<b>YES</b>
Number of criteria passed			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Graze or hay cut to increase diversity.			

## OAD\_006

### CONDITION ASSESSMENT: 784-B045956 - TN30

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 29 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**


**Condition Assessment Criteria**

<p>A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</p> <p>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.</p>				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Varies from 1.5-7m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	1.4-4m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Woodland vegetation in the ground flora
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None noted.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Pathway nearby but not damaging.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Young and mature Trees present
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>10</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN26**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 29 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Woodland - Other woodland; broadleaved**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN26			
<b>Condition Assessment Criteria</b>			
<b>Indicator</b>	<b>Score</b>	<b>Notes</b>	
<b>A</b>	Age distribution of trees	<b>1</b>	Plantation all similar age.
<b>B</b>	Wild, domestic and feral herbivore damage	<b>3</b>	None noted.
<b>C</b>	Invasive plant species	<b>3</b>	None noted.
<b>D</b>	Number of native tree species	<b>3</b>	See species list.
<b>E</b>	Cover of native tree and shrub species	<b>3</b>	All native cover 95%.
<b>F</b>	Open space within woodland	<b>3</b>	Very little open space, dark and dense planting.
<b>G</b>	Woodland regeneration	<b>1</b>	
<b>H</b>	Tree health	<b>1</b>	Ash dieback.
<b>I</b>	Vegetation and ground flora	<b>1</b>	Plantation with minimal ground flora.
<b>J</b>	Woodland vertical structure	<b>2</b>	Shrub and canopy.
<b>K</b>	Veteran trees	<b>1</b>	None noted.





<b>L</b>	Amount of deadwood	<b>1</b>	No deadwood.
<b>M</b>	Woodland disturbance	<b>3</b>	
<b>Total Score</b>		<b>26</b>	
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN24

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 29 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Heathland and Shrub - Hawthorn scrub

Location	Photograph
 <small>Maxar, Microsoft      Powered by Esri</small>	

<b>Habitat Description:</b> TN24		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three	<b>PASS</b>	h3f

	native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).		
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>PASS</b>	All present
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	
<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Good edge with grassland
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>FAIL</b>	No glades within
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN20

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 29 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Habitat Description:

TN20			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>FAIL</b>	Semi-mature
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Young trees in good health
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over grassland
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Allow trees to mature			

## CONDITION ASSESSMENT: 784-B045956 - TN25

Project Number	Project Name	Date of Survey	Surveyor
784-B045956	Oadby Wigston LWS OAD_006	29 September 2023	Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow

Location	Photograph
	

**Habitat Description:****Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	7m
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	2-4.5m
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 100%
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Neutral Grassland either side, 1m wide on verge side.
<b>C2</b>	Undesirable perennial vegetation Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	
<b>D1</b>	Invasive and neophyte species >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage >90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>			
<b>E1</b>	Tree age At least one mature tree per 30m stretch of hedgerow. A mature tree is		

		one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
Suggested enhancement interventions to improve condition score				

### CONDITION ASSESSMENT: 784-B045956 - TN19

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 29 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Grassland - Other neutral grassland

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN19		
<b>Condition Assessment Criteria</b>	<b>Pass/Fail</b>	<b>Notes</b>

<b>A</b>	The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present. <b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b>	<b>PASS</b>	Matches g3c5
<b>B</b>	Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.	<b>PASS</b>	Sward consistent and tussocky to 55cm.
<b>C</b>	Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.	<b>PASS</b>	Path through creates bare ground
<b>D</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus</i> agg.) is less than 5%.	<b>PASS</b>	Some bramble scrub but less than 5%
<b>E</b>	Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.  If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.	<b>PASS</b>	Cirsium arvense and nettles present to 5%
<b>ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</b>			
<b>F</b>	There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	<b>PASS</b>	10. 2 spp over five quadrats.
Essential criterion A achieved? (Y/N)			<b>YES</b>
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			<b>YES</b>
Number of criteria passed			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Remove and manage suboptimal species.			

**CONDITION ASSESSMENT: 784-B045956 - TN17**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
Temperature 16°C	Cloud Cover 100%	Wind 2 - Light breeze	Precipitation No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph



Habitat Description: TN17			
Condition Assessment Criteria		Pass/Fail	Notes
A	The tree is a native species (or at least 70% within the block are native species).	PASS	Oak and ash
B	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	FAIL	Gaps between the trees.
C	The tree is mature (or more than 50% within the block are mature).	FAIL	Trees are young / semi-mature.
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	PASS	None noted.
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	FAIL	No cavities or loose bark.
F	More than 20% of the tree canopy area is oversailing vegetation beneath.	PASS	
Number of criteria passed			3
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			
Trees are young therefore moderate, allow to mature.			

## CONDITION ASSESSMENT: 784-B045956 - TN15

Project Number	Project Name	Date of Survey	Surveyor
784-B045956	Oadby Wigston LWS OAD_006	28 September 2023	Tom Ward
Reason for Assessment			

<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Grassland - Other neutral grassland

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description: TN15		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present. <b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b>	PASS	Is g3c5 Arrhenatherum neutral grassland
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.	PASS	Sward is rank and unmanaged to 65cm.
<b>C</b> Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.	PASS	Pathway that passes through Grassland provides bare ground.
<b>D</b> Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus agg.</i> ) is less than 5%.	PASS	Grassland is scrubbing up with Hawthorn and bramble to 5%
<b>E</b> Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.  If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.	PASS	Nettle, creeping thistle etc to 10%
<b>ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</b>		
<b>F</b> There are 10 or more vascular plant species per m <sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count). <b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b>	FAIL	Quadrat recorded seven species.
<b>Essential criterion A achieved? (Y/N)</b>		<b>YES</b>



Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)	<b>NO</b>
Number of criteria passed	<b>2</b>
Condition Assessment Rating	
<b>POOR CONDITION</b>	
Suggested enhancement interventions to improve condition score	
Manage the invasion of scrub and suboptimal species. Resume management.	

### CONDITION ASSESSMENT: 784-B045956 - TN14

Project Number 784-B045956	Project Name Oadby Wigston LWS OAD_006	Date of Survey 28 September 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 16°C	Cloud Cover 100%	Wind 2 - Light breeze	Precipitation No precipitation

### Habitat Type: Heathland and Shrub - Hawthorn scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN14		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i>, which can be up to 100% cover).</p>	<b>PASS</b>	Hawthorn scrub

<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>FAIL</b>	Mature and young only
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	
<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Ecotone with Grassland is good
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	Scrub is scattered
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN13

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

TN13

**Condition Assessment Criteria**

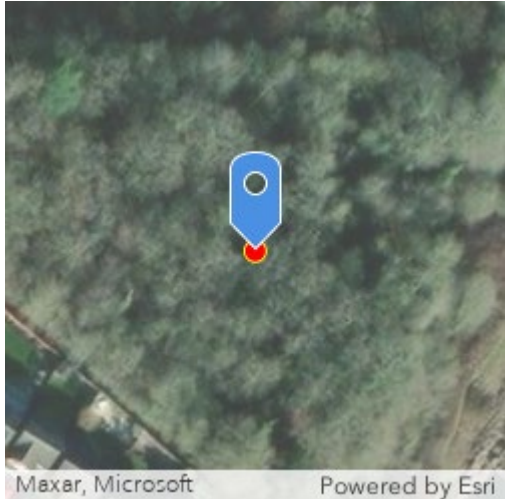

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Grassland and scrub either side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				<b>8</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
Suggested enhancement interventions to improve condition score				

## CONDITION ASSESSMENT: 784-B045956 - TN9

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Woodland - Lowland mixed deciduous woodland

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

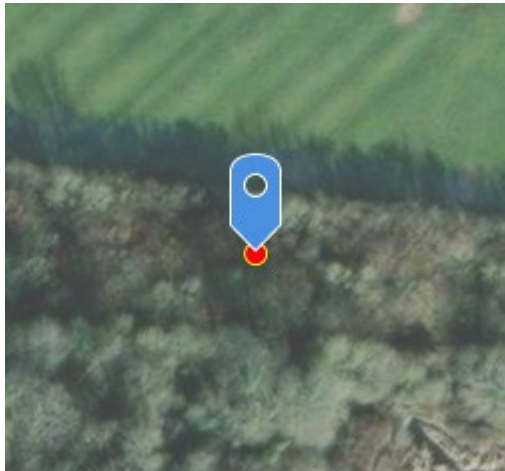

Habitat Description:		
TN9		
Condition Assessment Criteria		
Indicator	Score	Notes
<b>A</b> Age distribution of trees	<b>3</b>	Old, intermediate and young
<b>B</b> Wild, domestic and feral herbivore damage	<b>3</b>	None evident in all plots.
<b>C</b> Invasive plant species	<b>3</b>	None seen.
<b>D</b> Number of native tree species	<b>3</b>	Average 7.3 out of 3 plots.
<b>E</b> Cover of native tree and shrub species	<b>3</b>	Mostly native except for Beech and Pine
<b>F</b> Open space within woodland	<b>3</b>	11 average over 3 plots.
<b>G</b> Woodland regeneration	<b>2</b>	Two classes present in all plots.
<b>H</b> Tree health	<b>1</b>	Ash dieback present.
<b>I</b> Vegetation and ground flora	<b>3</b>	W10
<b>J</b> Woodland vertical structure	<b>3</b>	
<b>K</b> Veteran trees	<b>2</b>	
<b>L</b> Amount of deadwood	<b>3</b>	All plots with deadwood.

<b>M</b>	Woodland disturbance	<b>2</b>	
<b>Total Score</b>		<b>34</b>	
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN8

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Heathland and Shrub - Mixed scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b> TN8		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b></p> <p>The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae</i></p>	<b>PASS</b>	Mixed species scrub.

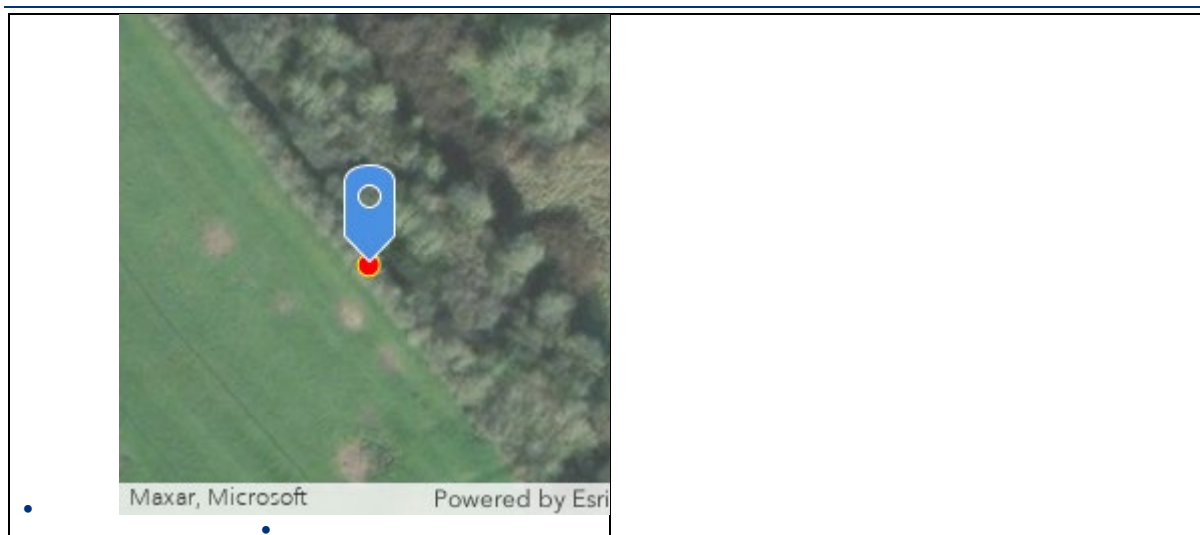
	<i>rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).		
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>PASS</b>	Suckers, mature and young present.
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	
<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	There are pathways through the scrub where small sections of tall Grassland occur.
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	The pathways open up into clearings and there are glade paths through.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN6

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston</li> <li>LWS OAD_006</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>28 September 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>16°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>100%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>2 - Light breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> <li>No precipitation</li> </ul>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees**

Location	Photograph
	




<ul style="list-style-type: none"> <li>• <b>Habitat Description:</b></li> <li>• TN6</li> </ul>					
<ul style="list-style-type: none"> <li>• <b>Condition Assessment Criteria</b></li> </ul>					
<ul style="list-style-type: none"> <li>• A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</li> <li>• Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.</li> </ul>					
<ul style="list-style-type: none"> <li>• <b>Hedgerow favourable condition attributes</b></li> </ul>					
<ul style="list-style-type: none"> <li>• <b>Attributes and functional groupings (A, B, C, D &amp; E)</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Criteria (the minimum requirements for ‘favourable condition’)</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Pass/Fail</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Notes</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Core groups – applicable to all hedgerow types</b></li> </ul>					
<ul style="list-style-type: none"> <li>• <b>1</b></li> </ul>	<ul style="list-style-type: none"> <li>• Height</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;1.5 m average along length</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• 5-6m</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>2</b></li> </ul>	<ul style="list-style-type: none"> <li>• Width</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;1.5 m average along length</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• Difficult to judge due to adjacent scrub. Greater than 1.5m</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>1</b></li> </ul>	<ul style="list-style-type: none"> <li>• Gap – hedge base</li> </ul>	<ul style="list-style-type: none"> <li>• Gap between ground and base of canopy &lt;0.5 m for &gt;90% of length (unless ‘line of trees’)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>2</b></li> </ul>	<ul style="list-style-type: none"> <li>• Gap – hedge canopy continuity</li> </ul>	<ul style="list-style-type: none"> <li>• Gaps make up &lt;10% of total length and No canopy gaps &gt;5 m</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• Gaps minimal, dense hedgerow.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>1</b></li> </ul>	<ul style="list-style-type: none"> <li>• Undisturbed ground and perennial vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;1 m width of undisturbed ground with perennial herbaceous vegetation for &gt;90% of length:                             <ul style="list-style-type: none"> <li>- measured from outer edge of hedgerow, and</li> <li>- is present on one side of the hedge (at least)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• Scrub on outside with Grassland in interior.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>2</b></li> </ul>	<ul style="list-style-type: none"> <li>• Undesirable perennial vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• Plant species indicative of nutrient enrichment of soils dominate &lt;20% cover of the area of undisturbed ground</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• Not overly eutrophic</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>1</b></li> </ul>	<ul style="list-style-type: none"> <li>• Invasive and neophyte species</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	

2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	
<b>Additional group – applicable to hedgerows with trees only</b>				
1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	PASS	Young and mature Trees present
2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	PASS	Trees in good health.
Are any functional groups failed				
Number of criteria passed				10
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
Suggested enhancement interventions to improve condition score				

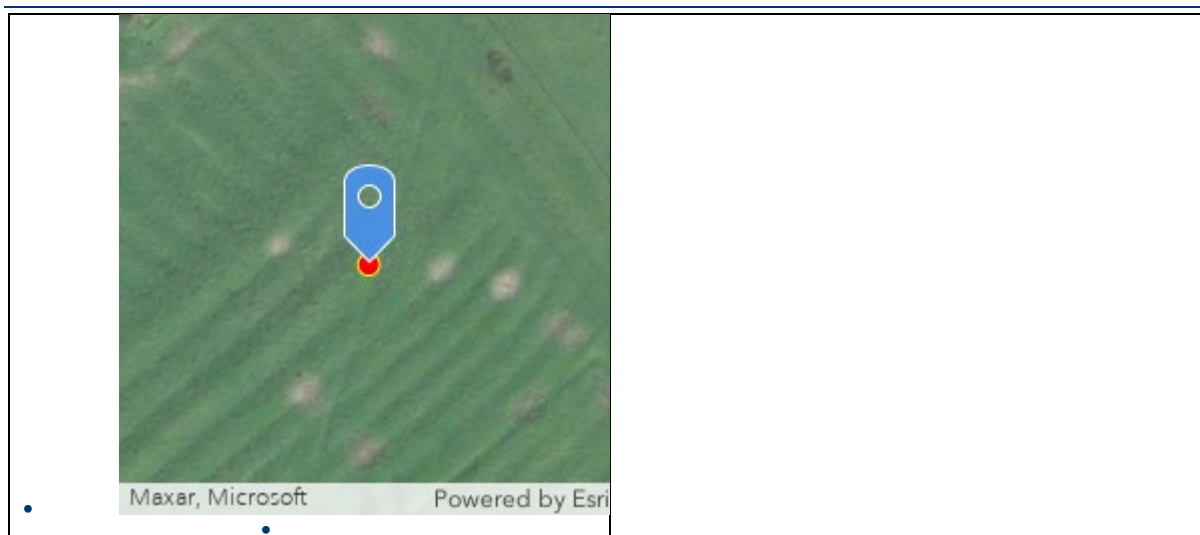
### CONDITION ASSESSMENT: 784-B045956 - TN5

Project Number 784-B045956	Project Name Oadby Wigston LWS OAD_006	Date of Survey 28 September 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 16°C	Cloud Cover 100%	Wind 2 - Light breeze	Precipitation No precipitation

### Habitat Type: Grassland - Other neutral grassland

Location	Photograph
	





Habitat Description:			
Condition Assessment Criteria		Pass/Fail	Notes
	<ul style="list-style-type: none"> <li>The grassland is a good representation of the habitat type it has been identified as, based on its UKHab description - the appearance and composition of the vegetation closely matches the characteristics of the specific grassland habitat type. Indicator species listed by UKHab for the specific grassland habitat type are consistently present.</li> <li><b>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only.</b></li> </ul>	PASS	<ul style="list-style-type: none"> <li>Matches g3c6 description</li> </ul>
	<ul style="list-style-type: none"> <li>Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed.</li> </ul>	PASS	<ul style="list-style-type: none"> <li>Sward height is consistent</li> </ul>
	<ul style="list-style-type: none"> <li>Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens.</li> </ul>	PASS	<ul style="list-style-type: none"> <li>Areas of bare ground and poaching to around 2%</li> </ul>
	<ul style="list-style-type: none"> <li>Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus agg.</i>) is less than 5%.</li> </ul>	PASS	<ul style="list-style-type: none"> <li>No bracken or scrub.</li> </ul>
	<ul style="list-style-type: none"> <li>Combined cover of species indicative of sub-optimal condition and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.</li> <li>If any invasive non-native plant species (as listed on Schedule 9 of WCA) are present, this criterion is automatically failed.</li> </ul>	PASS	<ul style="list-style-type: none"> <li><i>Cirsium arvense</i> and <i>C. vulgare</i> cover to approx. 10%</li> </ul>
<p style="text-align: center;">ADDITIONAL CRITERION - only applicable to Non-Acid Grassland habitat type:</p>			
	<ul style="list-style-type: none"> <li>There are 10 or more vascular plant species per m<sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 2 and 4 cannot contribute towards this count).</li> <li><b>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</b></li> </ul>	FAIL	<ul style="list-style-type: none"> <li>8.3 spp over 3 quadrats (excluding suboptimal)</li> </ul>
Essential criterion A achieved? (Y/N)			YES
Essential criterion F achieved? (Y/N) (Non-Acid Grassland habitat types only)			NO
Number of criteria passed			3
Condition Assessment Rating			
MODERATE CONDITION			

<ul style="list-style-type: none"> <li><b>Suggested enhancement interventions to improve condition score</b></li> <li>Manage suboptimal species, introduction of green hay etc</li> </ul>
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## CONDITION ASSESSMENT: 784-B045956 - TN4

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Heathland and Shrub - Mixed scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



<b>Habitat Description:</b> TN4			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>PASS</b>	Mixed scrub with no one dominant.
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>PASS</b>	Mature, young and suckers
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	

<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	The scrub has a good ecotone with patches of Grassland
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	There are natural open areas and glades present.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN2

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Wetland - Fens (upland & lowland)

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



<b>Habitat Description:</b> TN2		
Condition Assessment Criteria	Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all wetland habitat types:</b>		
<b>A</b>	The water table is at or near the surface throughout the year, this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above. <b>NB - this criterion is essential for achieving good condition.</b>	<b>PASS</b>

<b>B</b>	The appearance and composition of the vegetation closely matches characteristics of the specific wetland habitat type (see UKHab definition linked above). Indicator species for the specific wetland habitat type <sup>1</sup> are very clearly and easily visible.	<b>PASS</b>	Typha mentioned for f2f
<b>C</b>	The water supplies (groundwater, surface water and/or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	Water good quality
<b>D</b>	Cover of scrub and scattered trees less than 10%.	<b>PASS</b>	
<b>E</b>	Cover of bare ground less than 5%.	<b>PASS</b>	
<b>F</b>	There is an absence of invasive non-native species (as listed on Schedule 9 of WCA, 1981) and species indicative of sub-optimal condition make up less than 5% of ground cover.	<b>PASS</b>	
<b>ADDITIONAL CRITERION - only applicable to Fen and Purple moor grass and rush pasture habitat type:</b>			
<b>G</b>	No more than 25% of the fen area has a continuous cover of litter (i.e. dead vegetation) preventing regeneration.	<b>PASS</b>	
<b>ADDITIONAL CRITERION - only applicable to Bog habitat type:</b>			
<b>H</b>	Sphagnum and cottongrasses are at least frequent. Cover of ericaceous dwarf-shrubs <sup>2</sup> is less than 75%.		
<b>ADDITIONAL CRITERION - only applicable to Reedbed habitat type:</b>			
<b>I</b>	The reedbed has a diverse structure with between 60 and 80% reeds. Other areas may include open water (at least 10%), species-rich fen and/or wet woodland.		
<b>ADDITIONAL CRITERION - only applicable to Floodplain wetland mosaic (CFGM) habitat type:</b>			
<b>J</b>	All ditches recorded within the habitat achieve Good condition as assessed using the Ditch condition sheet.		
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>7</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN1**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS OAD_006	<b>Date of Survey</b> 28 September 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Lakes and Ponds - Ponds (Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b>			
TN1			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Water clear at edges
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>PASS</b>	Other swamp and scrub surrounds the pond on all aspects
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	Lemna present but at low quantity
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	None noted.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	Although <i>Crocsmia</i> is adjacent
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	No signs of artificial stocking
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	Emergent <i>Typha</i> around edges to 35%?



I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	PASS-	
<b>Number of criteria passed</b>			<b>8</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Increase macrophyte cover.			

## OAD\_007

### CONDITION ASSESSMENT: 784-B045956 - TN21

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

TN21

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.

**Hedgerow favourable condition attributes**

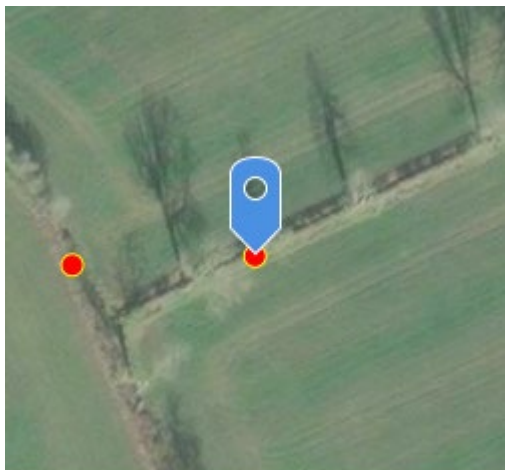

Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2.5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at bottom.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Gaps frequent in scrub layer and make up 10% of length
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous strip 1m prior to arable.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers frequent
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature, near veteran and young all present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash dieback
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
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<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

Mature Ash trees to 25m tall.



Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature with some veteran features.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Split limbs, heart rot, woodpecker holes.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B045956 - TN17**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

See TN17

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg 2.5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Width 2m avg.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy 90% cover
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>FAIL</b>	Arable field within 1m of each side - herbaceous strip thin.

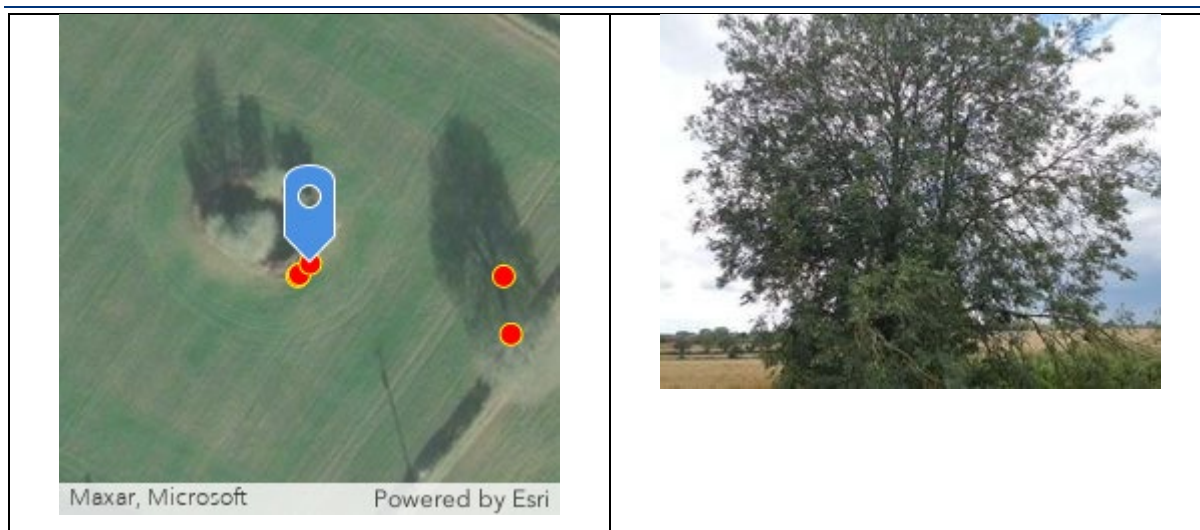
	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettle and cleavers abundant l.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>6</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: 784-B045956 - TN19

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph



<b>Habitat Description:</b> Mature Ash tree to 18m tall.			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature and healthy.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	None evident.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing scrub and pond.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## CONDITION ASSESSMENT: 784-B045956 - TN20

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			

<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description: TN20			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Appears clear.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Arable within 10m
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	Present at 5% duckweed.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	No connections
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	None of the above.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	None seen.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	Limited aquatic plants. No macrophytes.
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	15% shaded.
<b>Number of criteria passed</b>			<b>7</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



## CONDITION ASSESSMENT: 784-B045956 - TN19

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Heathland and Shrub - Hawthorn scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

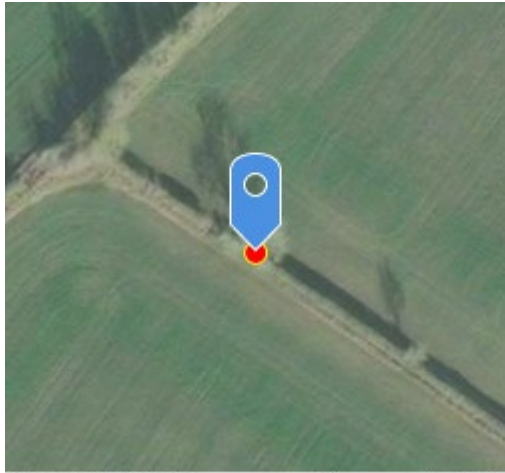
<b>Habitat Description:</b> TN19			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>FAIL</b>	Hawthorn makes up 100% of scrub present
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>FAIL</b>	Mature Hawthorn only
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	

<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>FAIL</b>	Scrub and tall herb directly on to arable field
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	There's a open area and pond in the middle of scrub.
<b>Number of criteria passed</b>			<b>2</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN17

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



<b>Habitat Description:</b> Mature Ash tree to 15m tall.			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree

C	The tree is mature (or more than 50% within the block are mature).	PASS	Mature
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	PASS	No adverse impacts.
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	FAIL	No obvious niches.
F	More than 20% of the tree canopy area is oversailing vegetation beneath.	PASS	Oversailing hedgerow and arable.
Number of criteria passed			5
Condition Assessment Rating			
GOOD CONDITION			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN18

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b> Mature Quercus cerris to 30m tall.		
<b>Condition Assessment Criteria</b>	<b>Pass/Fail</b>	<b>Notes</b>

<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>FAIL</b>	Quercus cerris is not native.
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature Tree.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Some broken limbs.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN13

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
	







Habitat Description: TN13			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Relatively clear with no obvious pollution.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	There is scrub around the pond but within 10m there is arable land.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	No algae or Lemna sp.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	No connections.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	No artificial connections / dams.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	No aquatic vegetation.
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>FAIL-</b>	Shaded entirely by trees and scrub.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Allow more light to reach the pond.			

**CONDITION ASSESSMENT: 784-B045956 - TN12**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree



Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Group of 4 Crack willow trees, largest to 20m tall.		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Crack willow is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies well connected.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Two mature, two semi-mature trees.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Fissured bark but no other features.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing scrub and pond.
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN12**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Heathland and Shrub - Mixed scrub**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN12		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>PASS</b>	Mixed scrub, Hawthorn around 60%
<b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>PASS</b>	Seedling birch present. Mature Hawthorn scrub.
<b>C</b> There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>FAIL</b>	Nettle is abundant as ground cover.

<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Herbs grade gradually to arable margin.
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>FAIL</b>	No clearings within the scrub, but there is a pond.
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN9

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN9
<b>Condition Assessment Criteria</b>
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.
<b>Hedgerow favourable condition attributes</b>



Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg. 3m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Avg. 2.5
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95%, largest gap 2.5m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation either side onto arable.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers abundant for length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Young, mature and near veteran ash trees present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees have dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: 784-B045956 - TN5

• Project Number 784-B045956	• Project Name Oadby Wigston LWS (WIG_007)	• Date of Survey 3 August 2023	• Surveyor Tom Ward
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<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>		
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>60%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>3 - Gentle breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> <li>No precipitation</li> </ul>

### Habitat Type: Watercourse - Ditches

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<ul style="list-style-type: none"> <li>Habitat Description:</li> <li>TNS</li> </ul>		
Condition Assessment Criteria	Pass/Fail	Notes
<ul style="list-style-type: none"> <li>The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Water is clear and no signs of pollution.</li> </ul>
<ul style="list-style-type: none"> <li>A range of emergent, submerged and floating leaved plants are present. As a guide &gt;10 species of emergent, floating or submerged plants in a 20 m ditch length.</li> </ul>	<ul style="list-style-type: none"> <li>FAIL</li> </ul>	<ul style="list-style-type: none"> <li>Five species in wet portion of ditch.</li> </ul>
<ul style="list-style-type: none"> <li>There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>No duckweed or algae.</li> </ul>
<ul style="list-style-type: none"> <li>A fringe of marginal vegetation is present along more than 75% of the ditch.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Marginal vegetation for entire length.</li> </ul>
<ul style="list-style-type: none"> <li>Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>No physical damage.</li> </ul>
<ul style="list-style-type: none"> <li>Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Water still present in August 2023</li> </ul>
<ul style="list-style-type: none"> <li>Less than 10% of the ditch is heavily shaded.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>2% of length shaded by occasional trees</li> </ul>
<ul style="list-style-type: none"> <li>There is an absence of non-native plant and animal species.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
<ul style="list-style-type: none"> <li>Essential criterion A achieved? (Y/N)</li> </ul>		<ul style="list-style-type: none"> <li>YES</li> </ul>
<ul style="list-style-type: none"> <li>Number of criteria passed</li> </ul>		<ul style="list-style-type: none"> <li>7</li> </ul>
<p align="center"><b>Condition Assessment Rating</b></p>		
<p align="center"><b>MODERATE CONDITION</b></p>		
<ul style="list-style-type: none"> <li>Suggested enhancement interventions to improve condition score</li> </ul>		

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## CONDITION ASSESSMENT: 784-B045956 - TN7

• Project Number 784-B045956	• Project Name Oadby Wigston LWS (WIG_007)	• Date of Survey 3 August 2023	• Surveyor Tom Ward
• Reason for Assessment			
• Temperature 19°C	• Cloud Cover 60%	• Wind 3 - Gentle breeze	• Precipitation No precipitation

### Habitat Type: Individual Trees - Rural Tree

• Location	• Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<ul style="list-style-type: none"> <li>• <b>Habitat Description:</b></li> <li>• Mature Oak tree to 15m tall.</li> </ul>			
• Condition Assessment Criteria	• Pass/Fail	• Notes	
• The tree is a native species (or at least 70% within the block are native species).	• <b>PASS</b>	• Oak is native.	
• The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	• <b>PASS</b>	• Individual tree	
• The tree is mature (or more than 50% within the block are mature).	• <b>PASS</b>	• Mature with some veteran features.	
• There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	• <b>PASS</b>	• No adverse impacts.	

<ul style="list-style-type: none"> <li>Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Large split leading trunk.</li> </ul>
<ul style="list-style-type: none"> <li>More than 20% of the tree canopy area is oversailing vegetation beneath.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Oversailing hedgerow and arable.</li> </ul>
<ul style="list-style-type: none"> <li><b>Number of criteria passed</b></li> </ul>		<ul style="list-style-type: none"> <li><b>6</b></li> </ul>
<ul style="list-style-type: none"> <li><b>Condition Assessment Rating</b></li> </ul>		
<ul style="list-style-type: none"> <li><b>GOOD CONDITION</b></li> </ul>		
<ul style="list-style-type: none"> <li><b>Suggested enhancement interventions to improve condition score</b></li> </ul>		
<ul style="list-style-type: none"> <li></li> </ul>		

### CONDITION ASSESSMENT: 784-B045956 - TN1

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN1

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.



Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m tall
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2.5m wide
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	No gap at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gap at driveway entrance to 4m. Some smaller gaps but only to 1m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Road verge on southern side is undisturbed. Recently ploughed on north side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles but not at high cover values.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: 784-B045956 - TN6

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Mature weeping willows to 15m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>FAIL</b>	Salix x pendulina isn't native.
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies are joined up.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature Trees.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	No obvious niches seen, trees in good health.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing ditches and field margins.
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN4**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Mature Ash tree to 12m tall.			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	Seems to have been damaged possibly by farm machinery.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Large cavity.

<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN3

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



<b>Habitat Description:</b> Mature Ash tree to 25m tall.		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature with some veteran features.

<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Large callous on upper trunk that has an open cavity.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B0459561 - TN11

<b>Project Number</b> 784-B0459561	<b>Project Name</b> Oadby Wigston LWS (OAD_007)	<b>Date of Survey</b> 17 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Hedge ornamental non-native

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

### CONDITION ASSESSMENT: 784-B0459561 - TN16

<b>Project Number</b> 784-B0459561	<b>Project Name</b> Oadby Wigston LWS (OAD_007)	<b>Date of Survey</b> 17 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Watercourse - Ditches

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	


Habitat Description: See TN16		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>FAIL</b>	Oily substance on surface of ditch water
<b>B</b> A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>FAIL</b>	No plants in the ditch only Carex pendula as sides
<b>C</b> There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>FAIL</b>	Where light reached the ditch, green algae was abundant
<b>D</b> A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>FAIL</b>	
<b>E</b> Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	
<b>F</b> Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>PASS</b>	Unknown, precautionary pass
<b>G</b> Less than 10% of the ditch is heavily shaded.	<b>FAIL</b>	95% of ditch is shaded by hedgerow
<b>H</b> There is an absence of non-native plant and animal species.	<b>PASS</b>	
Essential criterion A achieved? (Y/N)		<b>NO</b>
Number of criteria passed		<b>3</b>
<b>Condition Assessment Rating</b>		
<b>POOR CONDITION</b>		
Suggested enhancement interventions to improve condition score		



## CONDITION ASSESSMENT: 784-B0459561 - TN6

<b>Project Number</b> 784-B0459561	<b>Project Name</b> Oadby Wigston LWS (OAD_007)	<b>Date of Survey</b> 16 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN6			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Fraxinus, Ulmus
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Ash is reaching maturity
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	All trees seem unhealthy, possibly catching drift.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	

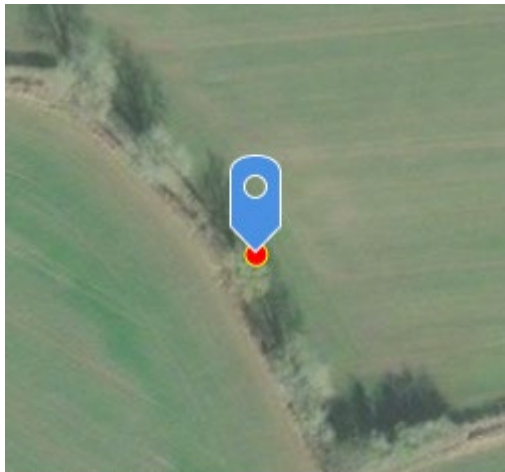
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B0459561 - TN1**

<b>Project Number</b> 784-B0459561	<b>Project Name</b> Oadby Wigston LWS (OAD_007)	<b>Date of Survey</b> 16 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN4				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	3m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>PASS</b>	Not gappy. Very consistent hedge, well managed.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 100%
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	Herbaceous strip on North side. Ditch on South.

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Urtica and Galium aparine LA
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature and young
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Ash trees all healthy
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>10</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**WIG\_001****CONDITION ASSESSMENT: XXX - TN3**

<b>Project Number</b> Xxx	<b>Project Name</b> Oadby wigston	<b>Date of Survey</b> 8 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 0%	<b>Wind</b> 0 - Calm	<b>Precipitation</b> No precipitation

**Habitat Type: Grassland - Modified grassland**

Location	Photograph



Habitat Description: See pea notes			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	There are 6-8 vascular plant species per m <sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b>  Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m <sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.	<b>PASS</b>	See pea notes for quad data
<b>B</b>	Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.	<b>FAIL</b>	Heavily grazed at time of survey by cattle. Generally below 20cm.
<b>C</b>	Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b>	<b>PASS</b>	
<b>D</b>	Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.	<b>FAIL</b>	Over 5% of area poached by cattle
<b>E</b>	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	<b>PASS</b>	
<b>F</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	<b>PASS</b>	
<b>G</b>	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



## CONDITION ASSESSMENT: XXX - H5

<b>Project Number</b> Xxx	<b>Project Name</b> Oadby wigston	<b>Date of Survey</b> 8 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> 20°C	<b>Cloud Cover</b> 0%	<b>Wind</b> 0 - Calm	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> See pea notes			
<b>Condition Assessment Criteria</b>			
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.			
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.			
<b>Hedgerow favourable condition attributes</b>			
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>

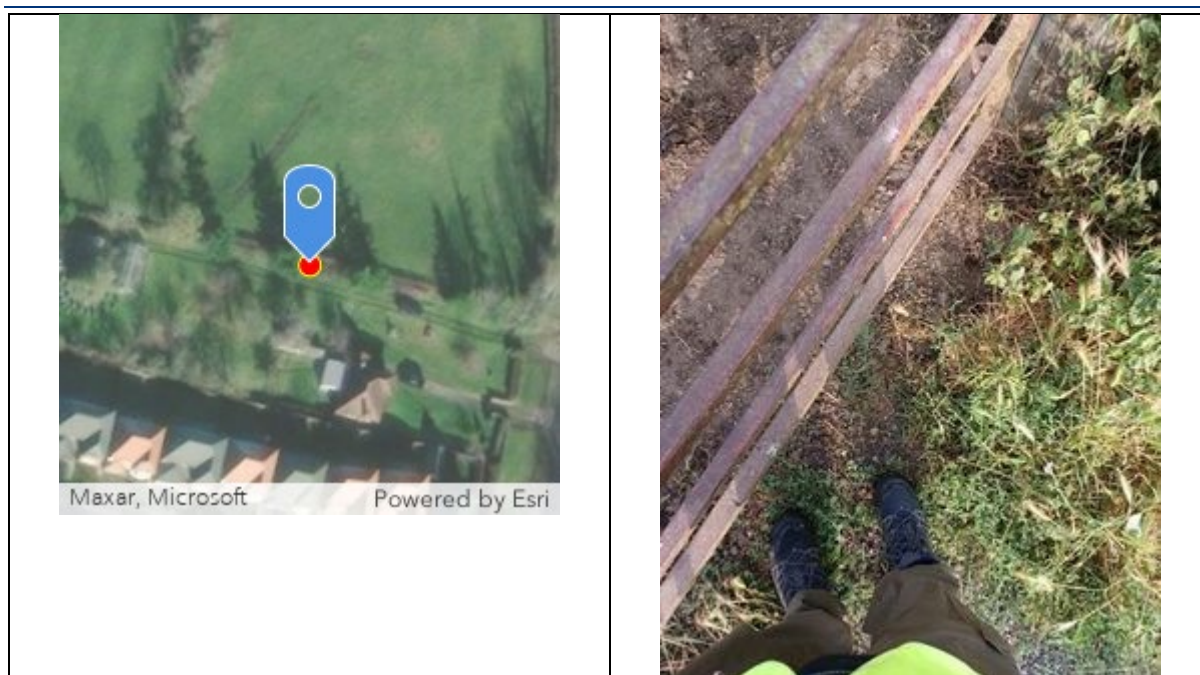
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Mown close on one side by rugby club and grazed on the other to base of hedgerow.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>FAIL</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	Trees mostly in one area of hedgerow rather than length
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>6</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: XXX - H2

<b>Project Number</b> Xxx	<b>Project Name</b> Oadby wigston	<b>Date of Survey</b> 8 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 0%	<b>Wind</b> 0 - Calm	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph



Habitat Description:				
See pea notes				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>FAIL</b>	
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	

<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: XXX - H1**

<b>Project Number</b> Xxx	<b>Project Name</b> Oadby wigston	<b>Date of Survey</b> 8 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 0%	<b>Wind</b> 0 - Calm	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

Hedgerow species poor dominated by field elm with occasional elder. Understory common nettle mugwort cockfoots false oat grass hedge garlic dandelion white dead nettle hedge mustard Wall barley large bindweed yarrow

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and	<b>PASS</b>	



		- is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**WIG\_002****CONDITION ASSESSMENT: 784-B045956 - TN24**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)**

Location	Photograph

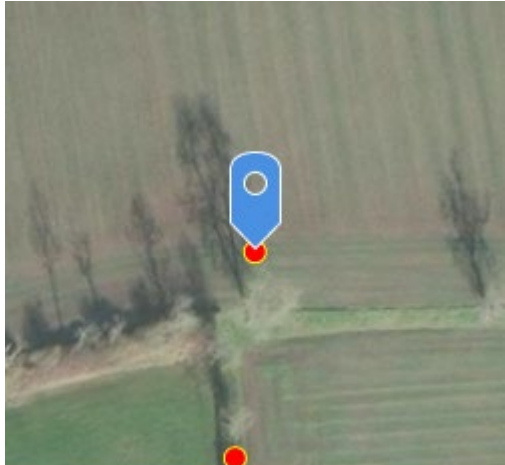



Habitat Description: TN24		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	Ash are native
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>FAIL</b>	Gap between two first trees and final tree is around 20m.
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Many cavities and niches present.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>FAIL</b>	Trees are flanked in both sides by arable fields within 2m.
<b>E</b> At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	The trees have ash dieback.
<b>Number of criteria passed</b>		<b>2</b>
Condition Assessment Rating		
<b>POOR CONDITION</b>		
Suggested enhancement interventions to improve condition score		

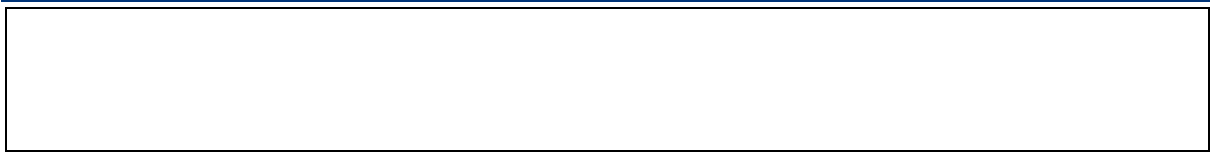
**CONDITION ASSESSMENT: 784-B045956 - TN23**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Mature ash to 25m			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Healthy with no cavities or ivy
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B045956 - TN19 (HEDGE 5)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

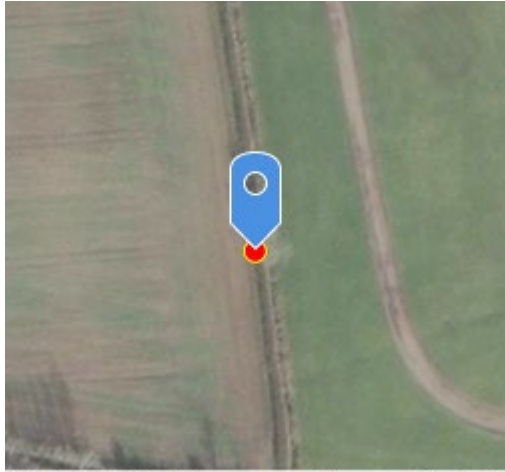

<b>Habitat Description:</b> TN19				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	3.5m avg.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	3m avg.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>PASS</b>	No gap at base
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Large gap on western corner section around 10m of bramble.
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	Herbaceous vegetation on east side to around 2m.

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles but at low cover.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	Mostly young ash only
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees have bad dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				
Plant some more trees for diversity, fix large bramble gap.				

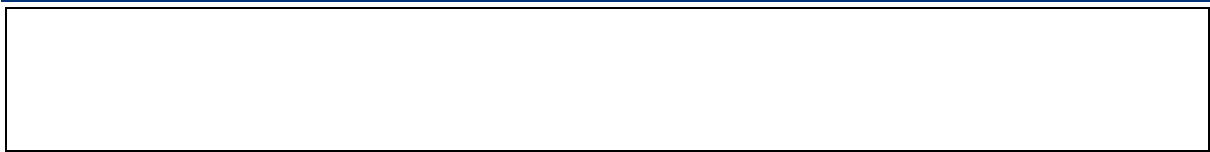
**CONDITION ASSESSMENT: 784-B045956 - TN16**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Mature ash to 18m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Many cavities and holes, good niches.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>		<b>6</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		





**CONDITION ASSESSMENT: 784-B045956 - TN15 (HEDGE 4)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN15				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg 3m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2-3.5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	95% cover no gaps larger than 2m
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	Both sides have undisturbed herbaceous vegetation (permanent pasture to east)

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles present in low numbers.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

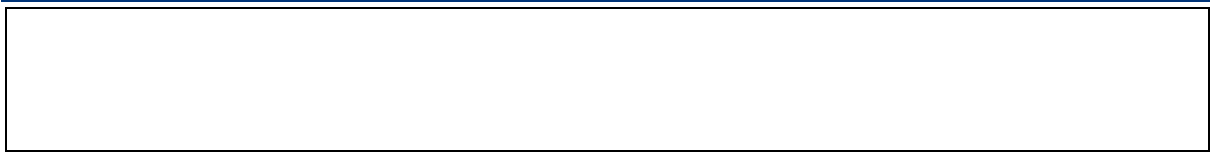
**CONDITION ASSESSMENT: 784-B045956 - TN15 (FRAX 6)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Semi mat as tree to 14m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>FAIL</b>	Semi-mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning but looks unhappy.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Healthy with no cavities or ivy
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and pasture.
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		



**CONDITION ASSESSMENT: 784-B045956 - TN14**

Project Number 784-B045956	Project Name Oadby Wigston LWS	Date of Survey August 2, 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 19°C	Cloud Cover 60%	Wind 4 - Moderate wind	Precipitation Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



Habitat Description: TN14				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
A1	Height	>1.5 m average along length	PASS	2-2.5m
A2	Width	>1.5 m average along length	FAIL	Missing for 30% of length.
B1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	PASS	Hedge base not gappy.
B2	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	FAIL	Large 20m+ gap
C1	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	PASS	Field 5 (adjacent) is permanent pasture.

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
C2	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	FAIL	Nettles locally frequent.
D1	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	PASS	None present.
D2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	No damaging activities.
Additional group – applicable to hedgerows with trees only				
E1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
E2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				5
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
Suggested enhancement interventions to improve condition score				
Plant additional hedge where the large gap is.				

**CONDITION ASSESSMENT: 784-B045956 - TN13**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Grassland - Modified grassland**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> See TN13		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> There are 6-8 vascular plant species per m <sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b>  Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m <sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.	<b>FAIL</b>	4.6 species in average over 5 quadrats.
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.	<b>FAIL</b>	Consistent sward height of 10-15cm
<b>C</b> Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b>	<b>PASS</b>	No scrub or bracken.
<b>D</b> Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by	<b>FAIL</b>	Poaching evident to 5%

	high levels of access, or any other damaging management activities.		
<b>E</b>	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	<b>PASS</b>	5% due to poaching
<b>F</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	<b>PASS</b>	No bracken.
<b>G</b>	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	<b>PASS</b>	No sch 9s
<b>Essential criterion A achieved? (Y/N)</b>			<b>NO</b>
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Introduce more species and vary sward height.			



**CONDITION ASSESSMENT: 784-B045956 - TN12 (POND 2)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)**

Location	Photograph
	

<b>Habitat Description:</b> TN12			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Water appears clear.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Modified Grassland surrounding the pond on all sides.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	Lemna present to 9%
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	Pond is not connected to other waterbodies.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	No artificial connections.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	No non-natives.
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	Landowner stocked with fish but heron ate them.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>PASS</b>	Emergent Glyceria 90% cover.

I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	PASS-	Shaded by around 5%
<b>Number of criteria passed</b>			<b>8</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN1 (HEDGE 1)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

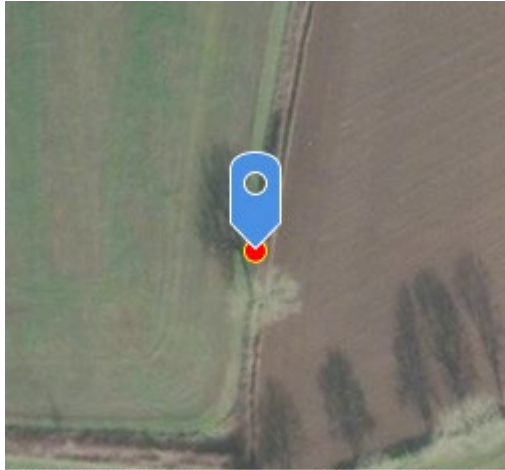

<b>Habitat Description:</b>				
TN1				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg height 4-5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Width 3-5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	<b>PASS</b>	No gap.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	95% cover no gaps larger than 5m.
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	Herbaceous vegetation either side onto arable.

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles and cleavers present but only to 15% of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No disturbance.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

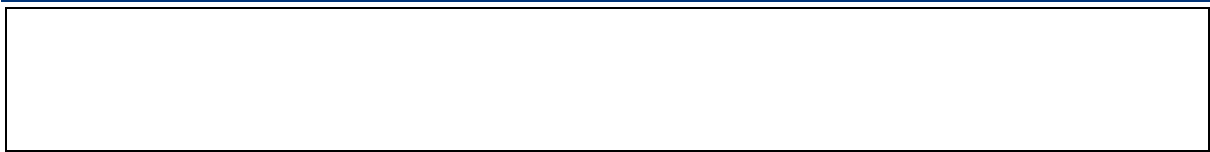
**CONDITION ASSESSMENT: 784-B045956 - TN10: FRAX 5**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Mature ash to 20m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Healthy with no cavities or ivy
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		



**CONDITION ASSESSMENT: 784-B045956 - TN10 (HEDGE 2)**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN10				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Height 3m avg.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	3-4m wide.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	No gaps. 100% cover.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Large gap where hedge seems to have been removed (see TN11)
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and	<b>PASS</b>	Grass on north side for 3-4m



		- is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles and cleavers present but only to 10-15%
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None noted.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damage.
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



## CONDITION ASSESSMENT: 784-B045956 - TN10: FRAX 4

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston LWS</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>August 2, 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>60%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>4 - Moderate wind</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> <li>Light rain (between 0.25 and 1mm/hr)</li> </ul>

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



Habitat Description:		Pass/Fail	Notes
<ul style="list-style-type: none"> <li>Mature ash to 15m</li> </ul>			
Condition Assessment Criteria		Pass/Fail	Notes
<ul style="list-style-type: none"> <li>The tree is a native species (or at least 70% within the block are native species).</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Ash is native</li> </ul>	
<ul style="list-style-type: none"> <li>The tree canopy is predominantly continuous, with gaps in canopy cover making up &lt;10% of total area and no individual gap being &gt;5 m wide (individual trees automatically pass this criterion).</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Individual</li> </ul>	
<ul style="list-style-type: none"> <li>The tree is mature (or more than 50% within the block are mature).</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Is mature</li> </ul>	
<ul style="list-style-type: none"> <li>There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain &gt;75% of expected canopy for their age range and height.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>No pruning good shape.</li> </ul>	
<ul style="list-style-type: none"> <li>Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li>FAIL</li> </ul>	<ul style="list-style-type: none"> <li>Healthy with no cavities or ivy</li> </ul>	
<ul style="list-style-type: none"> <li>More than 20% of the tree canopy area is oversailing vegetation beneath.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Over hedge and arable margin</li> </ul>	
<ul style="list-style-type: none"> <li>Number of criteria passed</li> </ul>			<ul style="list-style-type: none"> <li>5</li> </ul>

• Condition Assessment Rating
• <b>GOOD CONDITION</b>
• <b>Suggested enhancement interventions to improve condition score</b>
•

## CONDITION ASSESSMENT: 784-B045956 - TN7

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston LWS</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>August 2, 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>60%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>4 - Moderate wind</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> <li>Light rain (between 0.25 and 1mm/hr)</li> </ul>

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Description:			Habitat
Condition Assessment Criteria			Pass/Fail
			Notes
<ul style="list-style-type: none"> <li>TN7</li> </ul>	<ul style="list-style-type: none"> <li>At least 70% of trees are native species.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Ash are native</li> </ul>
<ul style="list-style-type: none"> <li>Tree canopy is predominantly continuous with gaps in canopy cover making up &lt;10% of total area and no individual gap being &gt;5 m wide.</li> </ul>	<ul style="list-style-type: none"> <li>FAIL</li> </ul>	<ul style="list-style-type: none"> <li>Total cover of length around 80%</li> </ul>	
<ul style="list-style-type: none"> <li>One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li>FAIL</li> </ul>	<ul style="list-style-type: none"> <li>All young trees.</li> </ul>	
<ul style="list-style-type: none"> <li>There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Grass either side.</li> </ul>	
<ul style="list-style-type: none"> <li>At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>All in good health.</li> </ul>	

• <b>Number of criteria passed</b>	• <b>3</b>
• <b>Condition Assessment Rating</b>	
• <b>MODERATE CONDITION</b>	
• <b>Suggested enhancement interventions to improve condition score</b>	
•	

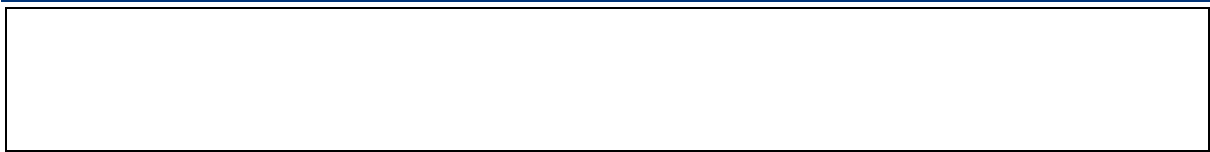
**CONDITION ASSESSMENT: 784-B045956 - TN6**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



<b>Habitat Description:</b> Mature ash to 25m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>FAIL</b>	Canopy gap greater than 5m.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Split limbs and trunk
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		



**CONDITION ASSESSMENT: 784-B045956 - TN5**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN5			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Unable to see so passed as a precaution.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	There is scrub around the pond but then it moves on to arable within 10m
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	None seen.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	No obvious signs of connection nor flow.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	Evidence of fluctuating water levels.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	None evident.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	Vegetation Cover to 2.5m on water surface.

I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>FAIL-</b>	90% shaded.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Allow more light to the pond and increase surrounding scrub buffer.			



**CONDITION ASSESSMENT: 784-B045956 - TN4**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Heathland and Shrub - Mixed scrub**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN4		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>PASS</b>	Mix of native species with equal abundance. (4spp)
<b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>FAIL</b>	Suckers and mature shrubs.
<b>C</b> There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	Cirsium arvense present but to 4% on edges only.
<b>D</b> The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Grades in to bramble and long grass.
<b>E</b> There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	There is a pond within the scrub centre.
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		

## MODERATE CONDITION

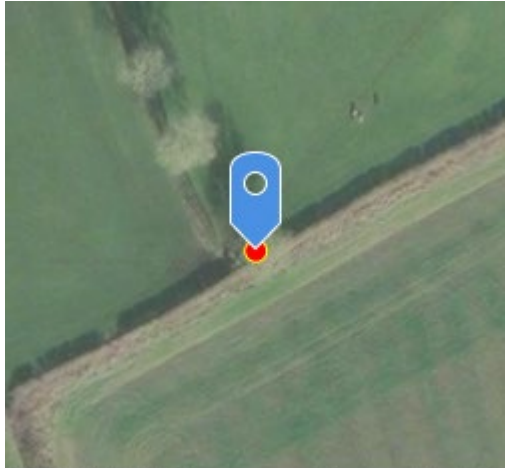

### Suggested enhancement interventions to improve condition score

Increase shrub diversity of age and species.

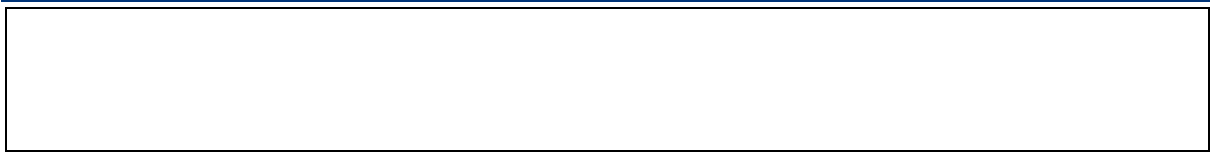
**CONDITION ASSESSMENT: 784-B045956 - TN1: FRAX 3**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

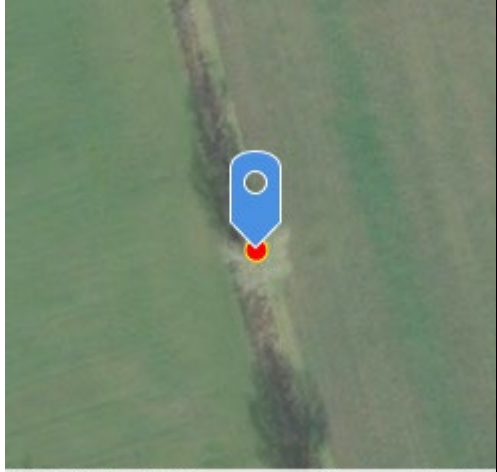

<b>Habitat Description:</b> Mature ash to 20m - with dieback		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	No ivy or cavities
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		



## CONDITION ASSESSMENT: 784-B045956 - TN3

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<ul style="list-style-type: none"> <li><b>Habitat Description:</b></li> <li>Mature ash to 25m</li> </ul>			
Condition Assessment Criteria	Pass/Fail	Notes	
<ul style="list-style-type: none"> <li>The tree is a native species (or at least 70% within the block are native species).</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Ash is native</li> </ul>	
<ul style="list-style-type: none"> <li>The tree canopy is predominantly continuous, with gaps in canopy cover making up &lt;10% of total area and no individual gap being &gt;5 m wide (individual trees automatically pass this criterion).</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Individual</li> </ul>	
<ul style="list-style-type: none"> <li>The tree is mature (or more than 50% within the block are mature).</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Is mature</li> </ul>	
<ul style="list-style-type: none"> <li>There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain &gt;75% of expected canopy for their age range and height.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>No pruning good shape.</li> </ul>	
<ul style="list-style-type: none"> <li>Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Has cavities and woodpecker holes.</li> </ul>	
<ul style="list-style-type: none"> <li>More than 20% of the tree canopy area is oversailing vegetation beneath.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Over hedge and arable margin</li> </ul>	
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			

<ul style="list-style-type: none"><li><b>GOOD CONDITION</b></li></ul>
<ul style="list-style-type: none"><li><b>Suggested enhancement interventions to improve condition score</b></li></ul>
<ul style="list-style-type: none"><li></li></ul>

**CONDITION ASSESSMENT: 784-B045956 - TN1: TREE 1**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS	<b>Date of Survey</b> August 2, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 4 - Moderate wind	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
	

<b>Habitat Description:</b> Mature ash to 18m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Is mature
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No pruning good shape.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Healthy with no cavities or ivy
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over hedge and arable margin
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

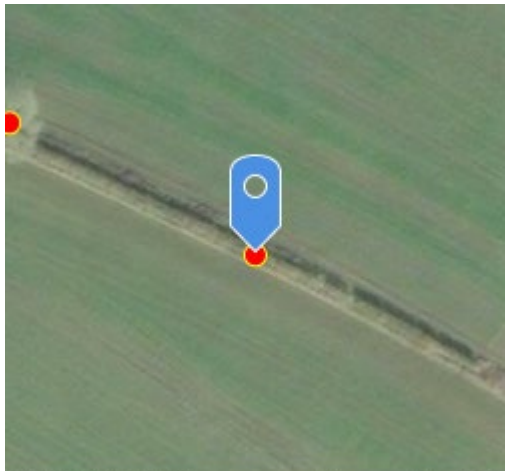



## WIG\_004

### CONDITION ASSESSMENT: 784-B045956 - TN31

Project Number	Project Name	Date of Survey	Surveyor
784-B045956	Oadby Wigston LWS WIG_004	June 28, 2023	Tom Ward
Reason for Assessment			
Temperature	Cloud Cover	Wind	Precipitation
18°C	100%	2 - Light breeze	No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

TN31

**Condition Assessment Criteria**




<p>A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</p> <p>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.</p>				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Height 2.5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Width 3m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at all.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy cover 95%
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation either side, to 3m in places.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Cleavers and nettles frequently for most of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None seen.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Yes, no damaging actives.
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				<b>7</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				

<b>Suggested enhancement interventions to improve condition score</b>

**CONDITION ASSESSMENT: 784-B045956 - TN33**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

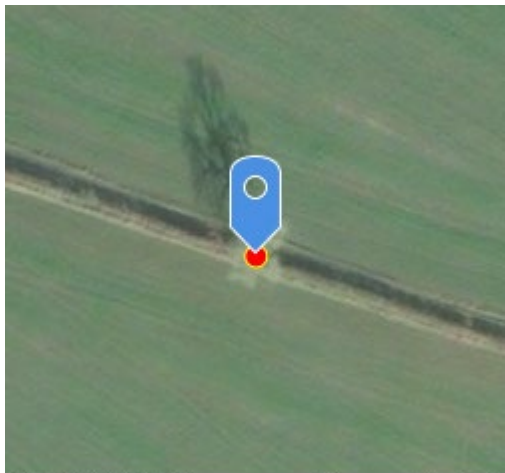

<b>Habitat Description:</b>			
TN33			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native.	
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Reached maturity.	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No obvious damage.	

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	In good condition with few niches.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN32**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b>			
TN32			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native.
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual.
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Has reached maturity
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No signs of damage other than ash dieback.

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Has a fungal infection and a large open rot hole on the southeast side of trunk.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN27**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees**

Location	Photograph
	

**Habitat Description:**

TN27

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes

Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Height varies from 2m to 5m.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Width from 2m to 4m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy cover 98%
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation on arable side to 1.5m
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers frequent along length of hedge.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>FAIL</b>	Spiraea and Cypresses present from garden origin.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Hedgerow is mostly managed well.
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Old ash trees and young trees present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees have ash dieback
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



**CONDITION ASSESSMENT: 784-B045956 - TN25**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

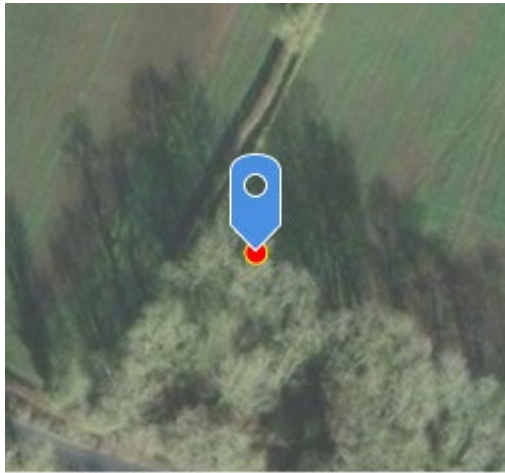

<b>Habitat Description:</b>			
TN25			
<b>Condition Assessment Criteria</b>			
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.			
<b>Hedgerow favourable condition attributes</b>			
<b>Attributes and functional groupings (A, B, C, D &amp; E)</b>	<b>Criteria (the minimum requirements for 'favourable condition')</b>	<b>Pass/Fail</b>	<b>Notes</b>

Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at all.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	One canopy gap at gateway to 3m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous strip on both sides to 2m wide.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Epilobium hirsutum, Urtica dioica, Galium aparine all frequent for majority of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damage.
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

See TN22

Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	All ash
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy cover is continuous, 100%
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Most trees have some ivy cover and some have rot holes etc.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing).	<b>PASS</b>	Wide herbaceous strip between trees and arable to the NE, herbaceous

	Where veteran trees are present, root protection areas should follow standing advice.		vegetation at least 10m south before the road.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	With ash dieback on most trees
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN12**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Watercourse - Ditches**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b>			
TN13			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	Water is clear, can see the bottom of the ditch and no obvious pollution signs.
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>FAIL</b>	Seven plants recorded from the water and marginal areas.
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>PASS</b>	Filamentous algae present, especially at southern end, to 5% only.
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>PASS</b>	Filipendula, Juncus inflexus, Epilobium hirsutum all present at margins.
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	Ditch is well nested in herbaceous vegetation with no damage.

<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>FAIL</b>	Depth variable from 2.5cm to 25cm
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>PASS</b>	Ditch is in open field.
<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	None noted.
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN20**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> Light rain (between 0.25 and 1mm/hr)

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b>			
TN20			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash	
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies overlap	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Both mature.	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	Trees are pruned on road side but retain their natural shape.	

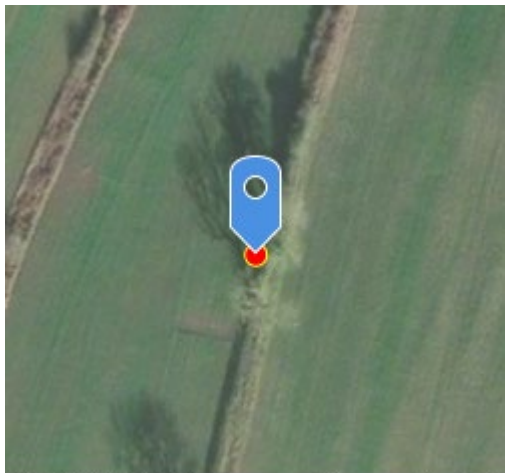

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Ivy covered.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable set aside (50%)
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B045956 - TN16**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

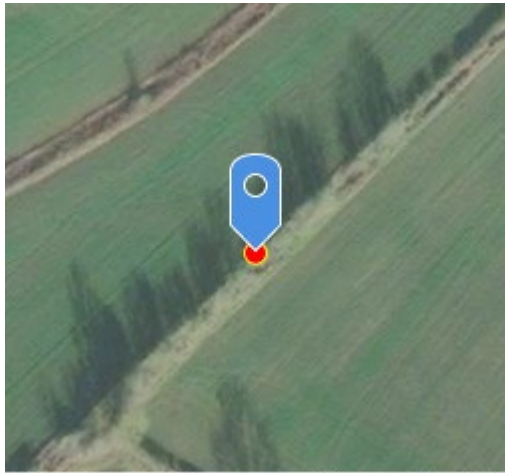
<b>Habitat Description:</b>			
TN16			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash	
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopy touching	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature Trees to 20m	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>		

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Many rotten limb stumps and ivy covering central tree. Woodpecker holes present.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and crop.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN13**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

TN13

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

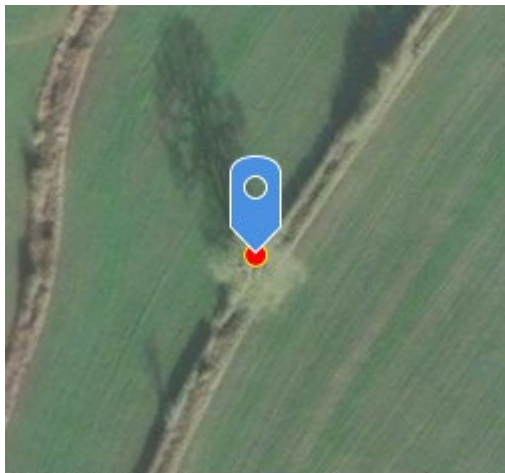

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes

Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Average height 2.5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Avg width 2m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Hedge base reaches the ground for 95% of length
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95% with no large gaps.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Arable on west wide comes within 1m of the edge of the hedgerow.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles, coarse grasses and cleavers abundant.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	No neophytes or invasives
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Hedge is managed well.
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>6</b>
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN14**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

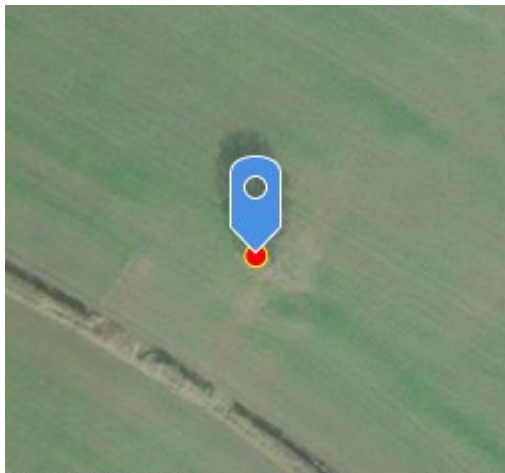

<b>Habitat Description:</b>			
See TN14			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash	
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Tree has reached mature height, to approx 25m.	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	Tree is in good shape, no signs of pruning or damage.	

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Small cavities present, and rotted knot holes.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN11**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b>			
TN11			
Condition Assessment Criteria	Pass/Fail	Notes	
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Quercus robur	
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature.	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	Vandalised with fire on northern side.	

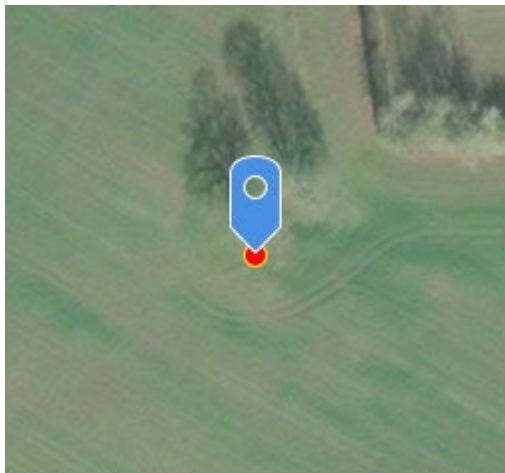

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Small amount of dead branches, lichen on bark etc.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Canopy oversailing crop.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B045956 - TN10**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN10



Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Both Q. robur
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies touching.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Both mature.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	Trees seem in good health, but arable crop is sown beneath canopy suggesting agricultural root disturbance.

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Northeast tree has a large split limb providing niches.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing crop and rank marginal grasses.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN6**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b>			
See TN6			
<b>Condition Assessment Criteria</b>			
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.			
<b>Hedgerow favourable condition attributes</b>			
<b>Attributes and functional groupings (A, B, C, D &amp; E)</b>	<b>Criteria (the minimum requirements for 'favourable condition'</b>	<b>Pass/Fail</b>	<b>Notes</b>

Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Average height 3.5-4m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Avg width approx 3m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Hedge base not gappy at all, with it <0.5m to ground for 100% of length.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps, 100% cover.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation to at least 2m on each side
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine abundant for entire hedgerow.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>FAIL</b>	Acer pseudoplatanus present.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Old, young and sapling ashes present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ashes with dieback, elms with DED.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN4**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

TN4

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**



Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes

Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	All scrubby components are above 1.5m, average height 3m.
<b>A2</b>	Width	>1.5 m average along length	<b>FAIL</b>	Thin and patchy in places to 0.5m, especially near woven fence.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>FAIL</b>	Large gaps where there is next to no understory, particularly near plum trees. 60% of length with gap <0.5m
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Large gaps at eastern end of hedge upto 5m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation either side onto arable and country park 3m wide.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine abundant for entire length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None noted.
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Old ash trees as well as saplings and young trees.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees all have dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>5</b>
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN2**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_004	<b>Date of Survey</b> June 28, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b> 100%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Line of trees**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN2

Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	95% are ash
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy cover is continuous. One gap near end to 2.5m
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	All young ash
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>FAIL</b>	Road on one side, arable on the other.

<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	With ash dieback on most trees
<b>Number of criteria passed</b>			<b>2</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## WIG\_005

### CONDITION ASSESSMENT: 784-B045956 - TN24

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Native Oak trees in hedge 1, field 4			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	

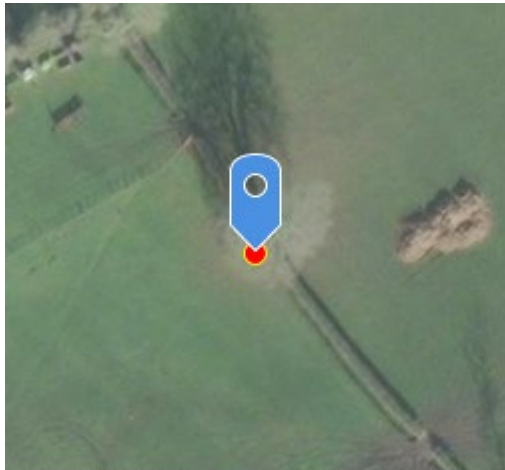



<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Small rot holes and a split limb.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Over arable and hedgerows
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN6

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b>		
<b>Condition Assessment Criteria</b>	<b>Pass/Fail</b>	<b>Notes</b>

<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>FAIL</b>	Quercus cerris is non-native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	In good health with little evidence of ecological niches. No Ivy covering.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN5

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
	



Habitat Description:			
TNS			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Quercus robur
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Two trees with shared canopy
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Both mature
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Rotten limbs, nesting birds heard
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>6</b>
Condition Assessment Rating			
<b>GOOD CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - HEDGE 1 - TREE GROUP 1

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			

<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Ash trees in hedgerow 1			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>FAIL</b>	Trees spaced around 20m apart
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Good health but with Ivy covering.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN2

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN2		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash Trees
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Ivy present
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	50% over field, 50% over road
<b>Number of criteria passed</b>		<b>6</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN20**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Watercourse - Ditches**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

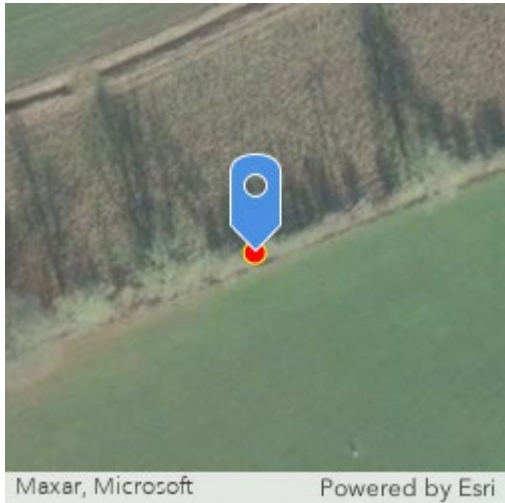

<b>Habitat Description:</b> TN20			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>FAIL</b>	Water unclear w algae.
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>FAIL</b>	Urtica dioica and Epilobium hirsutum dominate
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>FAIL</b>	Algae cover high
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>PASS</b>	
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	
<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>FAIL</b>	Dries out in places
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>FAIL</b>	95% shaded by hedgerow

<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>NO</b>
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN19

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
Temperature 15°C	Cloud Cover 40%	Wind 3 - Gentle breeze	Precipitation No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees - associated with bank or ditch

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN19
<b>Condition Assessment Criteria</b>
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.
<b>Hedgerow favourable condition attributes</b>

Oadby and Wigston - Call for Sites

Extended UK Habitat Classification Survey, Biodiversity Net Gain Baseline and Local Wildlife Site Assessment

Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
A1	Height	>1.5 m average along length	PASS	Avg 3.5m
A2	Width	>1.5 m average along length	PASS	Avg. 3m
B1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	PASS	Gaps to 5%, not entirely shockproof
B2	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	PASS	Cover 95%
C1	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	PASS	Ditch & herbaceous strip
C2	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	FAIL	Urtica and Galium frequent
D1	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	PASS	
D2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	
<b>Additional group – applicable to hedgerows with trees only</b>				
E1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	PASS	Young and mature
E2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	FAIL	Ash trees with dieback
Are any functional groups failed				
Number of criteria passed				8
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
Suggested enhancement interventions to improve condition score				

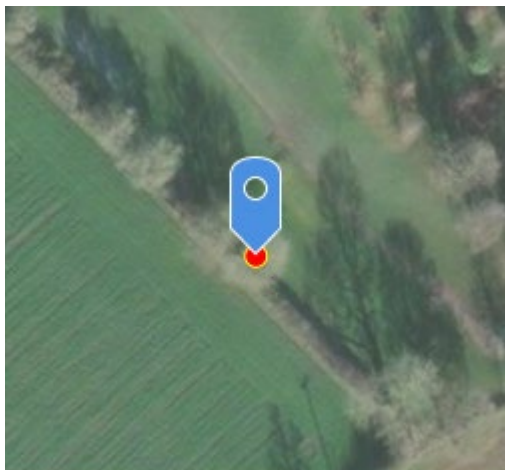

**CONDITION ASSESSMENT: 784-B045956 - TN11**

Project Number 784-B045956	Project Name Oadby Wigston LWS - WIG_005	Date of Survey 2 June 2023	Surveyor Tom Ward
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Reason for Assessment			
Temperature 15°C	Cloud Cover 40%	Wind 3 - Gentle breeze	Precipitation No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

#### Habitat Description:

##### Condition Assessment Criteria

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

##### Hedgerow favourable condition attributes

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	1.5 to 4m
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	2 to 4m
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy, vertical cover 95%
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95%
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Arable field to hedge edge
<b>C2</b>	Undesirable perennial vegetation Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	

<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature and young trees present
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ashes with dieback
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

### CONDITION ASSESSMENT: 784-B045956 - TN4

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow

Location	Photograph
	

**Habitat Description:**

See TN4

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

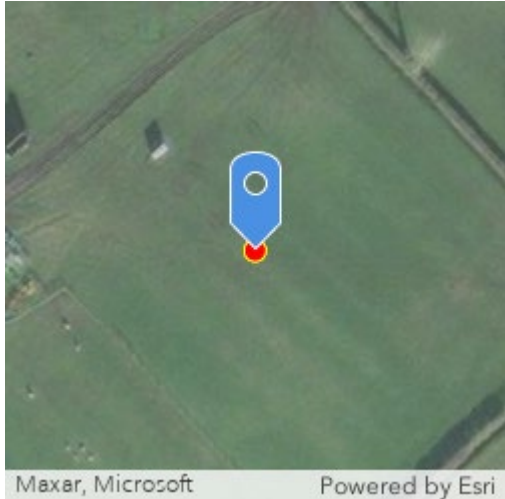

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	1.5m
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	2m
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>FAIL</b>	70cm for 90%
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95%
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Arable fields have disturbance to around 70% of length
<b>C2</b>	Undesirable perennial vegetation Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Urtica dioica and Galium LA
<b>D1</b>	Invasive and neophyte species >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage >90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>			

<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>5</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN1**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS - WIG_005	<b>Date of Survey</b> 2 June 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 15°C	<b>Cloud Cover</b> 40%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Grassland - Modified grassland**

Location	Photograph
	

<b>Habitat Description:</b> See TN1		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> There are 6-8 vascular plant species per m <sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b>  Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m <sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.	<b>FAIL</b>	5.4 over 5 quadrats
<b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.	<b>FAIL</b>	Consistent sward height due to sheep grazing
<b>C</b> Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b>	<b>PASS</b>	Scrub not present
<b>D</b> Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by	<b>FAIL</b>	Large areas damaged by machinery and poaching

	high levels of access, or any other damaging management activities.		
<b>E</b>	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	<b>PASS</b>	Bare ground to 10%
<b>F</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	<b>PASS</b>	
<b>G</b>	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>NO</b>
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Over seed with suitable mix, hay cut and aftermath graze.			

## WIG\_007

### CONDITION ASSESSMENT: 784-B045956 - TN21

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**


Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description: TN21				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2.5m
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at bottom.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Gaps frequent in scrub layer and make up 10% of length
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous strip 1m prior to arable.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers frequent
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature, near veteran and young all present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash dieback
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Mature Ash trees to 25m tall.			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature with some veteran features.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Split limbs, heart rot, woodpecker holes.





<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN17

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
	

<b>Habitat Description:</b> See TN17
<b>Condition Assessment Criteria</b>
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.
<b>Hedgerow favourable condition attributes</b>



Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg 2.5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Width 2m avg.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy 90% cover
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>FAIL</b>	Arable field within 1m of each side - herbaceous strip thin.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettle and cleavers abundant l.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>6</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN19**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
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<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

Mature Ash tree to 18m tall.

Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature and healthy.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	None evident.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing scrub and pond.
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN20**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN20			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Appears clear.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Arable within 10m
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	Present at 5% duckweed.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	No connections
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	None of the above.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	None seen.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	Limited aquatic plants. No macrophytes.

I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	PASS-	15% shaded.
Number of criteria passed		7	
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN19

Project Number 784-B045956	Project Name Oadby Wigston LWS (WIG_007)	Date of Survey 3 August 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 19°C	Cloud Cover 60%	Wind 3 - Gentle breeze	Precipitation No precipitation

### Habitat Type: Heathland and Shrub - Hawthorn scrub

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



<b>Habitat Description:</b> TN19		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b></p> <p>The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae</i></p>	<b>FAIL</b>	Hawthorn makes up 100% of scrub present

	<i>rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).		
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>FAIL</b>	Mature Hawthorn only
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	
<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>FAIL</b>	Scrub and tall herb directly on to arable field
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	There's a open area and pond in the middle of scrub.
<b>Number of criteria passed</b>			<b>2</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN17

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
Temperature 19°C	Cloud Cover 60%	Wind 3 - Gentle breeze	Precipitation No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b> Mature Ash tree to 15m tall.		
<b>Condition Assessment Criteria</b>	<b>Pass/Fail</b>	<b>Notes</b>

A	The tree is a native species (or at least 70% within the block are native species).	PASS	Ash is native
B	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	PASS	Individual tree
C	The tree is mature (or more than 50% within the block are mature).	PASS	Mature
D	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	PASS	No adverse impacts.
E	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	FAIL	No obvious niches.
F	More than 20% of the tree canopy area is oversailing vegetation beneath.	PASS	Oversailing hedgerow and arable.
Number of criteria passed			5
Condition Assessment Rating			
GOOD CONDITION			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN18

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
	



<b>Habitat Description:</b> Mature Quercus cerris to 30m tall.			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>FAIL</b>	Quercus cerris is not native.
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature Tree.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Some broken limbs.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



### CONDITION ASSESSMENT: 784-B045956 - TN13

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			



<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



Habitat Description: TN13			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Relatively clear with no obvious pollution.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	There is scrub around the pond but within 10m there is arable land.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	No algae or Lemna sp.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	No connections.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	No artificial connections / dams.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	No aquatic vegetation.
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>FAIL-</b>	Shaded entirely by trees and scrub.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

Allow more light to reach the pond.

## CONDITION ASSESSMENT: 784-B045956 - TN12

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

Group of 4 Crack willow trees, largest to 20m tall.



Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Crack willow is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies well connected.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Two mature, two semi-mature trees.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Fissured bark but no other features.

<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing scrub and pond.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN12

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Heathland and Shrub - Mixed scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN12		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b></p> <p>The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.</p> <p>At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae</i></p>	<b>PASS</b>	Mixed scrub, Hawthorn around 60%

	<i>rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).		
<b>B</b>	Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>PASS</b>	Seedling birch present. Mature Hawthorn scrub.
<b>C</b>	There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>FAIL</b>	Nettle is abundant as ground cover.
<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and/or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Herbs grade gradually to arable margin.
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>FAIL</b>	No clearings within the scrub, but there is a pond.
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN9

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
	



<b>Habitat Description:</b> TN9
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Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Avg. 3m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Avg. 2.5
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Not gappy at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Cover 95%, largest gap 2.5m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Herbaceous vegetation either side onto arable.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers abundant for length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Young, mature and near veteran ash trees present.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees have dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: 784-B045956 - TN5

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston LWS (WIG_007)</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>3 August 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>60%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>3 - Gentle breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> <li>No precipitation</li> </ul>

### Habitat Type: Watercourse - Ditches

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description:			
TN5			
Condition Assessment Criteria	Pass/Fail	Notes	
<ul style="list-style-type: none"> <li>The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Water is clear and no signs of pollution.</li> </ul>	
<ul style="list-style-type: none"> <li>A range of emergent, submerged and floating leaved plants are present. As a guide &gt;10 species of emergent, floating or submerged plants in a 20 m ditch length.</li> </ul>	<ul style="list-style-type: none"> <li>FAIL</li> </ul>	<ul style="list-style-type: none"> <li>Five species in wet portion of ditch.</li> </ul>	
<ul style="list-style-type: none"> <li>There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>No duckweed or algae.</li> </ul>	
<ul style="list-style-type: none"> <li>A fringe of marginal vegetation is present along more than 75% of the ditch.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Marginal vegetation for entire length.</li> </ul>	
<ul style="list-style-type: none"> <li>Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>No physical damage.</li> </ul>	
<ul style="list-style-type: none"> <li>Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>Water still present in August 2023</li> </ul>	
<ul style="list-style-type: none"> <li>Less than 10% of the ditch is heavily shaded.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>	<ul style="list-style-type: none"> <li>2% of length shaded by occasional trees</li> </ul>	
<ul style="list-style-type: none"> <li>There is an absence of non-native plant and animal species.</li> </ul>	<ul style="list-style-type: none"> <li>PASS</li> </ul>		
<ul style="list-style-type: none"> <li>Essential criterion A achieved? (Y/N)</li> </ul>			<ul style="list-style-type: none"> <li>YES</li> </ul>

Number of criteria passed	7
Condition Assessment Rating	
<b>MODERATE CONDITION</b>	
Suggested enhancement interventions to improve condition score	

### CONDITION ASSESSMENT: 784-B045956 - TN7

Project Number 784-B045956	Project Name Oadby Wigston LWS (WIG_007)	Date of Survey 3 August 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 19°C	Cloud Cover 60%	Wind 3 - Gentle breeze	Precipitation No precipitation

### Habitat Type: Individual Trees - Rural Tree

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Mature Oak tree to 15m tall.			
Condition Assessment Criteria		Pass/Fail	Notes
	The tree is a native species (or at least 70% within the block are native species).	PASS	Oak is native.
	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	PASS	Individual tree
	The tree is mature (or more than 50% within the block are mature).	PASS	Mature with some veteran features.

<ul style="list-style-type: none"> <li>There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain &gt;75% of expected canopy for their age range and height.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>No adverse impacts.</li> </ul>
<ul style="list-style-type: none"> <li>Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Large split leading trunk.</li> </ul>
<ul style="list-style-type: none"> <li>More than 20% of the tree canopy area is oversailing vegetation beneath.</li> </ul>	<ul style="list-style-type: none"> <li><b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>Oversailing hedgerow and arable.</li> </ul>
<ul style="list-style-type: none"> <li><b>Number of criteria passed</b></li> </ul>		<ul style="list-style-type: none"> <li><b>6</b></li> </ul>
<ul style="list-style-type: none"> <li><b>Condition Assessment Rating</b></li> </ul>		
<ul style="list-style-type: none"> <li><b>GOOD CONDITION</b></li> </ul>		
<ul style="list-style-type: none"> <li><b>Suggested enhancement interventions to improve condition score</b></li> </ul>		
<ul style="list-style-type: none"> <li></li> </ul>		

### CONDITION ASSESSMENT: 784-B045956 - TN1

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

See TN1

**Condition Assessment Criteria**





<p>A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</p> <p>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.</p>				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	2m tall
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	2.5m wide
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	No gap at base.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gap at driveway entrance to 4m. Some smaller gaps but only to 1m
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	Road verge on southern side is undisturbed. Recently ploughed on north side.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles but not at high cover values.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN6**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Mature weeping willows to 15m		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>FAIL</b>	Salix x pendulina isn't native.
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopies are joined up.
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature Trees.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	No obvious niches seen, trees in good health.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing ditches and field margins.
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN4**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> Mature Ash tree to 12m tall.		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	Seems to have been damaged possibly by farm machinery.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Large cavity.

<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN3**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (WIG_007)	<b>Date of Survey</b> 3 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 3 - Gentle breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
	

<b>Habitat Description:</b> Mature Ash tree to 25m tall.		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual tree
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Mature with some veteran features.
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	No adverse impacts.
<b>E</b> Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Large callous on upper trunk that has an open cavity.
<b>F</b> More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>		<b>6</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		



## WIG\_009

### CONDITION ASSESSMENT: XXXX - TN3

<b>Project Number</b> XXXX	<b>Project Name</b> Oadby wigston	<b>Date of Survey</b> 12 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b>	<b>Wind</b>	<b>Precipitation</b>

#### Habitat Type: Grassland - Modified grassland

Location	Photograph
	

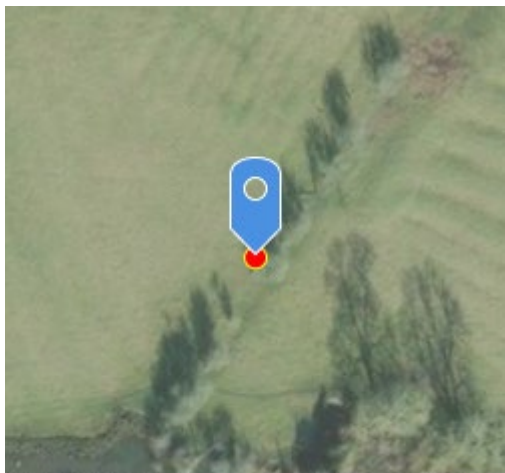

<b>Habitat Description:</b> See pea notes		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b> There are 6-8 vascular plant species per m<sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b></p> <p>Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m<sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.</p>	<b>FAIL</b>	
<p><b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.</p>	<b>PASS</b>	

<b>C</b>	Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b>	<b>PASS</b>	
<b>D</b>	Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.	<b>PASS</b>	
<b>E</b>	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).	<b>PASS</b>	
<b>F</b>	Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.	<b>PASS</b>	
<b>G</b>	There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>NO</b>
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: XXXX - H4

<b>Project Number</b> Xxxx	<b>Project Name</b> Oadby Wigston 009	<b>Date of Survey</b> 12 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b>	<b>Wind</b>	<b>Precipitation</b>

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Condition Assessment Criteria			Pass/Fail	Notes
<b>A</b>	At least 70% of trees are native species.		<b>PASS</b>	All hawthorn trees, historically line of trees from a hedgerow
<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.		<b>FAIL</b>	
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.		<b>FAIL</b>	Not vet trees
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.		<b>PASS</b>	
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		<b>FAIL</b>	Some dead stands within the hawthorn
<b>Number of criteria passed</b>				<b>2</b>
<b>Condition Assessment Rating</b>				
<b>POOR CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

## CONDITION ASSESSMENT: XXXX - TN2

Project Number	Project Name	Date of Survey	Surveyor
XXXX	Oadby Wigston 009	12 September 2023	Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b>	<b>Wind</b>	<b>Precipitation</b>

### Habitat Type: Grassland - Modified grassland

Location	Photograph






Habitat Description: See pea notes		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b> There are 6-8 vascular plant species per m<sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b></p> <p>Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m<sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.</p>	<b>FAIL</b>	Quad 1 - only 4 species all grass. Common bent pren rye meadow foxtail and
<p><b>B</b> Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.</p>	<b>PASS</b>	
<p><b>C</b> Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b></p>	<b>PASS</b>	
<p><b>D</b> Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.</p>	<b>PASS</b>	
<p><b>E</b> Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).</p>	<b>PASS</b>	
<p><b>F</b> Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.</p>	<b>PASS</b>	
<p><b>G</b> There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).</p>	<b>PASS</b>	

Essential criterion A achieved? (Y/N)	<b>NO</b>
Number of criteria passed	<b>6</b>
Condition Assessment Rating	
<b>POOR CONDITION</b>	
Suggested enhancement interventions to improve condition score	

### CONDITION ASSESSMENT: XXX - H3

Project Number Xxx	Project Name Oadby Wigston 009	Date of Survey 12 September 2023	Surveyor Richard Brown
Reason for Assessment			
Temperature °C	Cloud Cover	Wind	Precipitation

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



<b>Habitat Description:</b> See pea notes			
<b>Condition Assessment Criteria</b>			
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.			
<b>Hedgerow favourable condition attributes</b>			
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
Core groups – applicable to all hedgerow types			

<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	2 age classes of tree but not a tree every 20/50m along hedgerow
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: XXX - TN1**

<b>Project Number</b> Xxx	<b>Project Name</b> Oadby Wigston 009	<b>Date of Survey</b> 12 September 2023	<b>Surveyor</b> Richard Brown
<b>Reason for Assessment</b>			
<b>Temperature</b> 18°C	<b>Cloud Cover</b>	<b>Wind</b>	<b>Precipitation</b>

**Habitat Type: Watercourse - Ditches**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description:			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>FAIL</b>	
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>PASS</b>	
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>PASS</b>	
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>PASS</b>	
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	Historical poaching present but not now.
<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>PASS</b>	
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>PASS</b>	
<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>NO</b>
<b>Number of criteria passed</b>			<b>7</b>
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

## CONDITION ASSESSMENT: XXXX - H2

Project Number Xxxx	Project Name Oadby wigston	Date of Survey 12 September 2023	Surveyor Richard Brown
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<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b>	<b>Wind</b>	<b>Precipitation</b>

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

#### Habitat Description:

See notes h2

#### Condition Assessment Criteria

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

#### Hedgerow favourable condition attributes



Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	<b>FAIL</b>	Gaps in hedgerow over 5m near tree
<b>C1</b>	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	
<b>C2</b>	Undesirable perennial vegetation Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Base of hedgerow dominated by rye grass and common nettles

<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	1 tree - mature ash within whole length of hedgerow
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: XXXX - H1**

Project Number Xxxx	Project Name Oadby Wigston 009	Date of Survey 12 September 2023	Surveyor Richard Brown
Reason for Assessment			
Temperature 18°C	Cloud Cover 100%	Wind 2 - Light breeze	Precipitation Moderate rain (between 1 and 4mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow**

Location	Photograph
	

**Habitat Description:**

See h1 pea notes

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**

Attributes and functional groups (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
A1	Height >1.5 m average along length	PASS	
A2	Width >1.5 m average along length	PASS	
B1	Gap – hedge base Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	PASS	
B2	Gap – hedge canopy continuity Gaps make up <10% of total length and No canopy gaps >5 m	PASS	
C1	Undisturbed ground and perennial vegetation >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and	PASS	

		- is present on one side of the hedge (at least)		
C2	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	FAIL	
D1	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	PASS	
D2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	
Additional group – applicable to hedgerows with trees only				
E1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
E2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				7
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
Suggested enhancement interventions to improve condition score				

**WIG\_010****CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 16 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Woodland - Wet woodland**

Location	Photograph





Habitat Description:			
TN22			
Condition Assessment Criteria			
Indicator	Score	Notes	
<b>A</b>	Age distribution of trees	2	Mature and young
<b>B</b>	Wild, domestic and feral herbivore damage	3	
<b>C</b>	Invasive plant species	3	
<b>D</b>	Number of native tree species	3	
<b>E</b>	Cover of native tree and shrub species	3	
<b>F</b>	Open space within woodland	3	
<b>G</b>	Woodland regeneration	2	Sapling and seedlings
<b>H</b>	Tree health	3	
<b>I</b>	Vegetation and ground flora	3	W6
<b>J</b>	Woodland vertical structure	3	
<b>K</b>	Veteran trees	1	No vet trees noted.
<b>L</b>	Amount of deadwood	3	Deadwood in most plots
<b>M</b>	Woodland disturbance	2	Urtica dioica dominance suggests enrichment from nearby arable
<b>Total Score</b>		<b>34</b>	
<b>Condition Assessment Rating</b>			

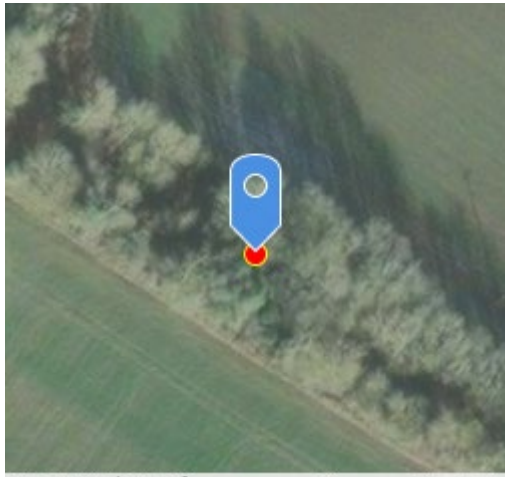

**GOOD CONDITION**

Suggested enhancement interventions to improve condition score

**CONDITION ASSESSMENT: 784-B045956 - TN16**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 9 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Lakes and Ponds - Ponds (Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

See TN16

Condition Assessment Criteria	Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>		
<b>A</b>	<b>PASS</b>	Water is mostly clear.
<b>B</b>	<b>PASS</b>	Surrounded by woodland.
<b>C</b>	<b>FAIL</b>	Algae covering upto 15% of pond surface.
<b>D</b>	<b>PASS</b>	No obvious connecting pipework or ditches.

<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.		
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	-	
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN3

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	 <p>5 May 2023 11:01</p>

Habitat Description:				
See TN3				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Average height along length 4-5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Average width is 5m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	The hedgerow is gappy but only to around 5% over total length
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gaps make up around 3% of canopy and there is no gap over 5 meters wide
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	There is a herbaceous strip to one meter wide on both sides of the hedgerow.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine and Urtica dioica locally abundant.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
Additional group – applicable to hedgerows with trees only				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	There are mature Ash trees as well as saplings and seedlings as well as domestic apple trees. Standard trees are spaced around 20 to 30m apart
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	All the Ash trees are showing signs of Ash die back
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
Condition Assessment Rating				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



## CONDITION ASSESSMENT: 784-B045956 - TN12

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

### Habitat Description:

See TN12

### Condition Assessment Criteria

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

### Hedgerow favourable condition attributes

Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	Average height along length 5-6m
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	Average width is 5m.

<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>FAIL</b>	Hedgerow is quite gappy and hawthorn is leggy, gaps to 30%
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Gaps make up around 3% of canopy and there is no gap over 5 meters wide
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	See TN12
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine and Urtica dioica locally abundant.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	There are Ash trees regularly spaced to intervals of around 20 meters along the hedge row and there are also small Elms and small Ash trees amongst the hedge
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	All the Ash trees are showing signs of Ash die back
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN17**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Woodland - Lowland mixed deciduous woodland**

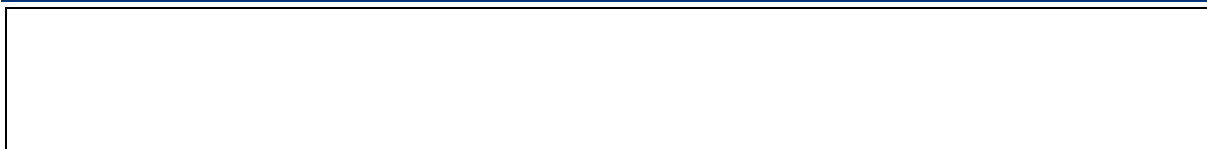
Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

See Condition Sheet &amp; TN17

**Condition Assessment Criteria**

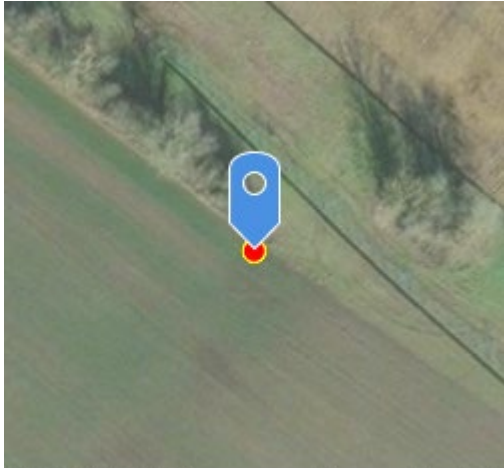

Indicator	Score	Notes
<b>A</b> Age distribution of trees	2	Mature and young trees present.
<b>B</b> Wild, domestic and feral herbivore damage	3	
<b>C</b> Invasive plant species	3	
<b>D</b> Number of native tree species	2	Not very species rich, is mostly Ash with Hawthorn and occasional Sambucus and Rosa canina
<b>E</b> Cover of native tree and shrub species	3	
<b>F</b> Open space within woodland	2	
<b>G</b> Woodland regeneration	2	
<b>H</b> Tree health	1	Ash trees suffering from dieback
<b>I</b> Vegetation and ground flora	1	
<b>J</b> Woodland vertical structure	2	Mature trees and shrub layer
<b>K</b> Veteran trees	2	One veteran oak on the north western boundary.
<b>L</b> Amount of deadwood	1	
<b>M</b> Woodland disturbance	2	Signs of nutrient enrichment from surrounding arable land ie. Urtica, Galium and Heracleum.
<b>Total Score</b>	<b>26</b>	
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
Suggested enhancement interventions to improve condition score		



**CONDITION ASSESSMENT: 784-B045956 - TN10**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>	h2a 190 191 Native hedgerow with trees and associated ditch		
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	





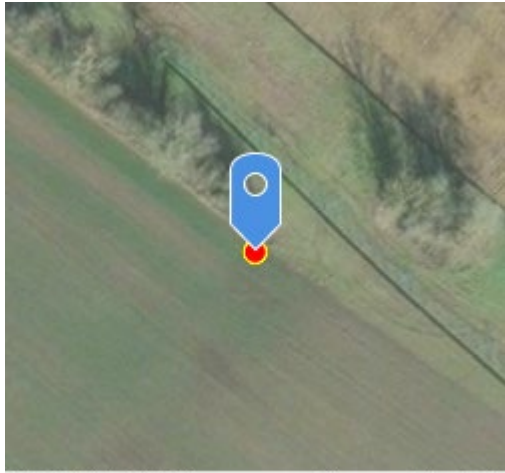

<b>Habitat Description:</b>				
See TN10				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Average height along length approx. 5m
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Average width is 4m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>FAIL</b>	The base of the hedge is guppy for 70% of its length; Hawthorn is leggy.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Canopy cover is 95-100%, some small gaps all less than 5m.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	There is a herbaceous vegetation strip 2 meters wide on the east side and there is a ditch and the herbaceous vegetation strip 1.5 meters wide on the west side
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine and Urtica dioica locally abundant.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	There are young Ash trees as well as mature Ash trees and they are spaced around 30 meters apart on average
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse	<b>FAIL</b>	All the Ash trees are showing signs of Ash die back

	impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed			
Number of criteria passed			7
<b>Condition Assessment Rating</b>			
<b>2 - MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

### CONDITION ASSESSMENT: 784-B045956 - TN8

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
Temperature 16°C	Cloud Cover 60%	Wind	Precipitation Very light rain (<0.25mm/hr)

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



Habitat Description:

See TN8				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition'	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
A1	Height	>1.5 m average along length	PASS	Height is consistent and is 2.5 to 3 meters
A2	Width	>1.5 m average along length	PASS	Consistent width 3 to 3.5 meters wide
B1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	FAIL	Hedgerow base is gappy for 70% of length (is not stock proof)
B2	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	PASS	There are no canopy gaps cover is 100%
C1	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	FAIL	There is a 2 meter buffer of herbaceous vegetation on the northern side but on the southern side the golf course grassland goes right up to the hedge
C2	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	FAIL	Galium aparine and Urtica dioica locally abundant.
D1	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	PASS	
D2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	
Additional group – applicable to hedgerows with trees only				
E1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
E2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
Are any functional groups failed				
Number of criteria passed				5
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
Suggested enhancement interventions to improve condition score				

## CONDITION ASSESSMENT: 784-B045956 - TN6

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_010	<b>Date of Survey</b> 5 May 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b>	<b>Precipitation</b> Very light rain (<0.25mm/hr)

### Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

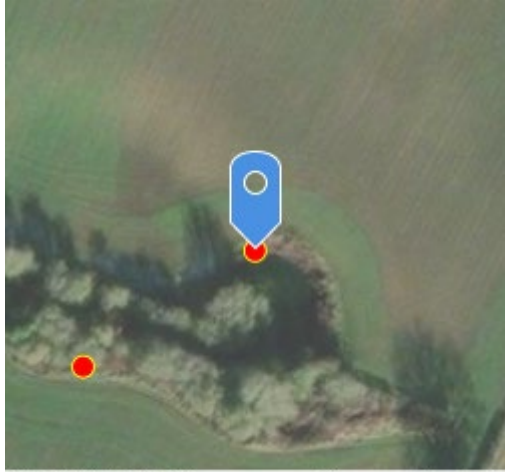

<b>Habitat Description:</b>				
See TN6				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	Average height along length 5-6m

<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Average width is 5m.
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	The hedgerow is gappy only to around 3% over total length
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	Generally canopy cover is consistent. Largest gap at southern edge to 3m.
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	There is a 2m herbaceous strip to the north west of the hedgerow and the other side boundaries woodland
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Galium aparine and Urtica dioica locally abundant.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	There are mature and young trees but the mature Ash trees are clumped together in the middle.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	All the Ash trees are showing signs of Ash die back.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**WIG\_011****CONDITION ASSESSMENT: 784-B045956 - TN24**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

## Habitat Type: Lakes and Ponds - Ponds (Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description: TN24			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>	Water is clear
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Well developed mixed scrub surrounds the pond but in places is only 5m from arable.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	None seen
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	None evident.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	Pond has a good level of water in June 2023 after periods of low rainfall.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	None observed.
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	None observed.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>PASS</b>	Plant cover is to 55%.
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	25% shaded by willows.
<b>Number of criteria passed</b>			<b>8</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

Surely good if passed 8 out of 9?

## CONDITION ASSESSMENT: 784-B045956 - TN23

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Heathland and Shrub - Mixed scrub

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN23		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>PASS</b>	Hawthorn to 70%
<b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran2) shrubs are all present.	<b>PASS</b>	All age ranges apart from veteran present.
<b>C</b> There is an absence of invasive non-native plant species3 (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition5 make up less than 5% of ground cover.	<b>PASS</b>	None present



<b>D</b>	The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.	<b>PASS</b>	Yes grades well into tall herb then to arable, has strong ecotone edge.
<b>E</b>	There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	Small clearings within the scrub as well as high quality priority habitat pond.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Heathland and Shrub - Hawthorn scrub**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN22		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The scrub is a good representation of the habitat type it has been identified as, based on its UKHab description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type.  At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i> , which can be up to 100% cover).	<b>PASS</b>	Is Hawthorn scrub
<b>B</b> Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>2</sup> ) shrubs are all present.	<b>FAIL</b>	Mature shrubs only.
<b>C</b> There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA4) and species indicative of sub-optimal condition <sup>5</sup> make up less than 5% of ground cover.	<b>PASS</b>	None present.
<b>D</b> The scrub has a well-developed edge with scattered scrub and tall grassland and/or forbs present between the scrub and adjacent habitat.	<b>FAIL</b>	Straight on to arable land.
<b>E</b> There are clearings, glades or rides present within the scrub, providing sheltered edges.	<b>PASS</b>	There is a pond associated with it.
<b>Number of criteria passed</b>		<b>3</b>
<b>Condition Assessment Rating</b>		

## MODERATE CONDITION

Suggested enhancement interventions to improve condition score

**CONDITION ASSESSMENT: 784-B045956 - TN22**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Lakes and Ponds - Ponds (Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

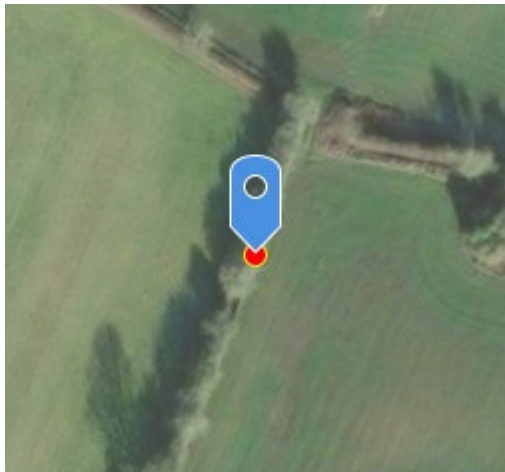

<b>Habitat Description:</b> TN22			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>FAIL</b>	Water is brown and not clear.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Surrounded by arable land and a small amount of Hawthorn scrub.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	None present.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	Not connected to ditches.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	No signs of interference.
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	None present.
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	None seen.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	Much of the pond (55%) is shaded with no emergent vegetation

I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>FAIL-</b>	Shaded entirely by hawthorn.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

**CONDITION ASSESSMENT: 784-B045956 - TN19**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



<b>Habitat Description:</b> TN19				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
<b>Attributes and functional groupings (A, B, C, D &amp; E)</b>	<b>Criteria (the minimum requirements for 'favourable condition')</b>	<b>Pass/Fail</b>	<b>Notes</b>	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	On average 5m tall
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Avg 3.5m wide
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	Some gaps, around 8% where canopy doesn't reach the ground.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps, 99% cover
<b>C1</b>	Undisturbed ground and	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:	<b>PASS</b>	1m strip of herbaceous vegetation before arable crop on east. Grassland to west.

	perennial vegetation	- measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Cleavers locally abundant for 60% of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	No damaging activities
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Old and young ash trees.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash dieback present.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN17**

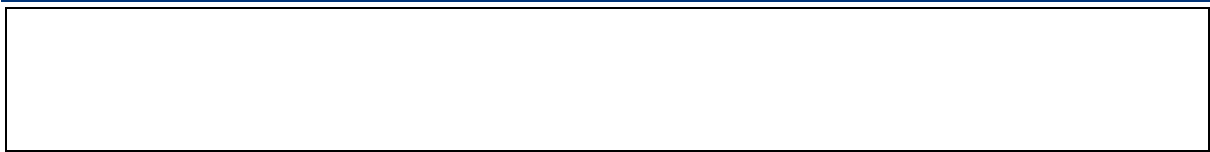
<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN17			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	All ash
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Although some trees dying from ash dieback.
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>FAIL</b>	Mature but not old.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>FAIL</b>	Arable crop goes right beneath canopy likely damaging roots.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Trees have good knot holes and much dead wood.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing arable land and pond.
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			







**CONDITION ASSESSMENT: 784-B045956 - TN17**

Project Number 784-B045956	Project Name Oadby Wigston LWS WIG_011	Date of Survey June 29, 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 19°C	Cloud Cover 20%	Wind 2 - Light breeze	Precipitation

**Habitat Type: Lakes and Ponds - Ponds (Priority Habitat)**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Habitat Description: TN17			
Condition Assessment Criteria	Pass/Fail	Notes	
CORE CRITERIA - applicable to all pond habitat types:			
A	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	FAIL	Water is brown and unclear.
B	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	FAIL	Pond is surrounded by arable. Scattered Trees to the west.
C	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	PASS	No duckweed or algae present.
D	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	PASS	No artificial connections or drains present. Not connected to hedge ditches.
E	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	PASS	No observed pipes or pumpwork.
F	There is an absence of listed non-native plant and animal species.	PASS	Native plants see TN17
G	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	PASS	No signs of fish life.
Additional Criteria - must be assessed for all non-woodland ponds:			
H	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	PASS	<i>Solanum dulcamara</i> , <i>Glyceria fluitans</i> abundant.

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I	The pond surface is no more than 50% shaded by adjacent trees and scrub.	PASS-	Pond almost exactly 50% shaded by nearby trees.
Number of criteria passed			7
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			

**CONDITION ASSESSMENT: 784-B045956 - TN15**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow with trees**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

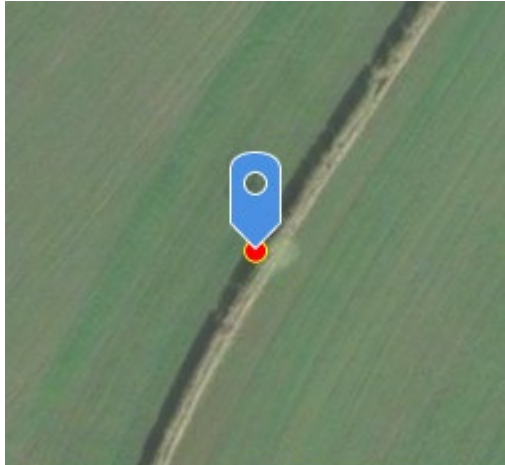

<b>Habitat Description:</b> TN15				
<b>Condition Assessment Criteria</b>				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.				
Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.				
<b>Hedgerow favourable condition attributes</b>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes	
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	On average 2.5m tall, consistent height.
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	Varies from 4-2m wide
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	No gaps between canopy base and ground.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps, 100% cover
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and	<b>PASS</b>	1.5m strip of herbaceous vegetation between hedge and arable crop.

		- is present on one side of the hedge (at least)		
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>PASS</b>	Nettles and cleavers present at low cover, approx 15% of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Well managed, no damaging activities
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>FAIL</b>	One old only, young trees at northern end.
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>FAIL</b>	Ash trees have ash dieback.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>8</b>
<b>Condition Assessment Rating</b>				
<b>2 - MODERATE CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - RURAL TREE - ASH**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

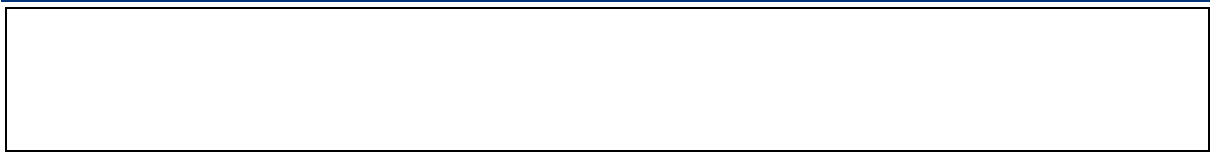
**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

**Habitat Description:**

Young ash tree 15m tall, with dieback.



Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native.
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Individual
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>FAIL</b>	Tree is young.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	Natural form is taken. No damage.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Dead branches and small knot holes present.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



**CONDITION ASSESSMENT: 784-B045956 - TN13**

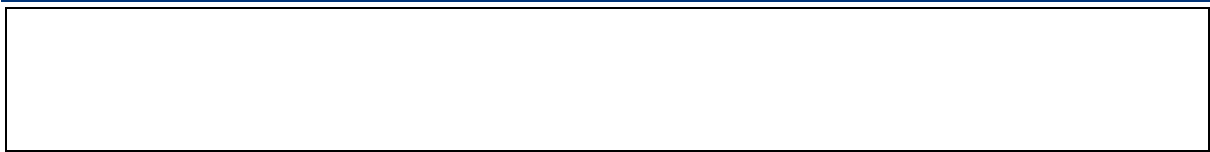
<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

<b>Habitat Description:</b> TN13			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Elm & Ash are native.
<b>B</b>	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Canopy cover 100%
<b>C</b>	The tree is mature (or more than 50% within the block are mature).	<b>FAIL</b>	Young trees only.
<b>D</b>	There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	Trees undamaged by humans and natural shape.
<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Young trees with few niches.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			





## CONDITION ASSESSMENT: 784-B045956 - TN11

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

### Habitat Type: Hedgerows and Lines of Trees - Native hedgerow

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

TN11

**Condition Assessment Criteria**

A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.

Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the 'favourable condition' criteria.

**Hedgerow favourable condition attributes**



Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>			
<b>A1</b>	Height >1.5 m average along length	<b>PASS</b>	On average 2.5m tall
<b>A2</b>	Width >1.5 m average along length	<b>PASS</b>	Avg 2.5m wide

<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	No gaps between canopy base and ground.
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	No canopy gaps, 100% cover
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	1.5m strip of herbaceous vegetation before arable crop to south/east.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettles and cleavers locally frequent for 25% of length.
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	None present
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	Well managed, no damaging activities
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.		
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>7</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				

**CONDITION ASSESSMENT: 784-B045956 - TN12**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS WIG_011	<b>Date of Survey</b> June 29, 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 19°C	<b>Cloud Cover</b> 20%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b>

**Habitat Type: Individual Trees - Rural Tree**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

**Habitat Description:**

Two ash trees, very similar treated with same condition sheet.

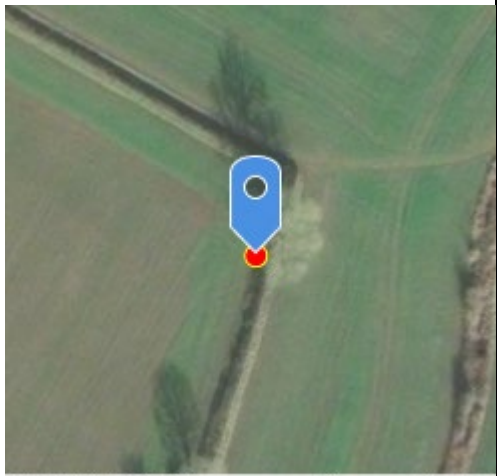

Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> The tree is a native species (or at least 70% within the block are native species).	<b>PASS</b>	Ash is native.
<b>B</b> The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).	<b>PASS</b>	Two individual trees
<b>C</b> The tree is mature (or more than 50% within the block are mature).	<b>PASS</b>	Eastern tree is mature with veteran features, western tree reaching maturity
<b>D</b> There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.	<b>PASS</b>	Eastern tree has lost leading trunk, likely natural

<b>E</b>	Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Both trees have ivy covering, east tree with large heart cavity.
<b>F</b>	More than 20% of the tree canopy area is oversailing vegetation beneath.	<b>PASS</b>	Oversailing hedgerow and arable.
<b>Number of criteria passed</b>			<b>6</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## CONDITION ASSESSMENT: 784-B045956 - TN4

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston</li> <li>LWS WIG_011</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>June 29, 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>20%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>2 - Light breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> </ul>

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	



<ul style="list-style-type: none"> <li><b>Habitat Description:</b></li> <li>TN4</li> </ul>				
<ul style="list-style-type: none"> <li><b>Condition Assessment Criteria</b></li> <li>A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</li> <li>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.</li> </ul>				
<ul style="list-style-type: none"> <li><b>Hedgerow favourable condition attributes</b></li> </ul>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<ul style="list-style-type: none"> <li><b>Core groups – applicable to all hedgerow types</b></li> </ul>				
1	Height	>1.5 m average along length	PASS	On average 2.5m tall
2	Width	>1.5 m average along length	PASS	Avg 3.5m wide
1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	PASS	No gaps at all

• <b>2</b>	• Ga p – hedge canopy continuity	• Gaps make up <10% of total length and No canopy gaps >5 m	• <b>PASS</b>	• No canopy gaps, 100% cover
• <b>1</b>	• Un disturbed ground and perennial vegetation	• >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	• <b>PASS</b>	• 1. 2-1.5m strip of herbaceous vegetation before arable crop to west.
• <b>2</b>	• Un desirable perennial vegetation	• Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	• <b>FAIL</b>	• Nettles and cleavers locally abundant for 35% of length.
• <b>1</b>	• In vasive and neophyte species	• >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	• <b>FAIL</b>	• Sycamore present
• <b>2</b>	• Cu rrent damage	• >90% of the hedgerow or undisturbed ground is free of damage caused by human activities	• <b>PASS</b>	• Well managed, no damaging activities
<b>Additional group – applicable to hedgerows with trees only</b>				
• <b>1</b>	• Tr ee age	• At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	• <b>PASS</b>	• Old, young and saplings all present (Ash)
• <b>2</b>	• Tr ee health	• At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	• <b>FAIL</b>	• Ash with dieback
• <b>Are any functional groups failed</b>				•
• <b>Number of criteria passed</b>				• <b>7</b>
<b>Condition Assessment Rating</b>				
<b>• 2 - MODERATE CONDITION</b>				
• <b>Suggested enhancement interventions to improve condition score</b>				
•				

## CONDITION ASSESSMENT: 784-B045956 - TN1

<ul style="list-style-type: none"> <li>Project Number</li> <li>784-B045956</li> </ul>	<ul style="list-style-type: none"> <li>Project Name</li> <li>Oadby Wigston</li> <li>LWS WIG_011</li> </ul>	<ul style="list-style-type: none"> <li>Date of Survey</li> <li>June 29, 2023</li> </ul>	<ul style="list-style-type: none"> <li>Surveyor</li> <li>Tom Ward</li> </ul>
<ul style="list-style-type: none"> <li>Reason for Assessment</li> </ul>			
<ul style="list-style-type: none"> <li>Temperature</li> <li>19°C</li> </ul>	<ul style="list-style-type: none"> <li>Cloud Cover</li> <li>20%</li> </ul>	<ul style="list-style-type: none"> <li>Wind</li> <li>2 - Light breeze</li> </ul>	<ul style="list-style-type: none"> <li>Precipitation</li> </ul>

**Habitat Type: Hedgerows and Lines of Trees - Native hedgerow - associated with bank or ditch**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<ul style="list-style-type: none"> <li><b>Habitat Description:</b></li> <li>TN1</li> </ul>				
<ul style="list-style-type: none"> <li><b>Condition Assessment Criteria</b></li> </ul> <p>A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook.</p> <ul style="list-style-type: none"> <li>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.</li> </ul>				
<ul style="list-style-type: none"> <li><b>Hedgerow favourable condition attributes</b></li> </ul>				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
<ul style="list-style-type: none"> <li><b>Core groups – applicable to all hedgerow types</b></li> </ul>				
1	Height	>1.5 m average along length	PASS	On average 2m tall
2	Width	>1.5 m average along length	PASS	Avg 2.5m wide
1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	PASS	Some gaps, maybe to 5%



2	<ul style="list-style-type: none"> <li>• Gap – hedge canopy continuity</li> </ul>	<ul style="list-style-type: none"> <li>• Gaps make up &lt;10% of total length and No canopy gaps &gt;5 m</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• No canopy gaps, 100% cover</li> </ul>
1	<ul style="list-style-type: none"> <li>• Undisturbed ground and perennial vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;1 m width of undisturbed ground with perennial herbaceous vegetation for &gt;90% of length:                             <ul style="list-style-type: none"> <li>- measured from outer edge of hedgerow, and</li> <li>- is present on one side of the hedge (at least)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• 1.2m strip of herbaceous vegetation before arable crop to north.</li> </ul>
2	<ul style="list-style-type: none"> <li>• Undesirable perennial vegetation</li> </ul>	<ul style="list-style-type: none"> <li>• Plant species indicative of nutrient enrichment of soils dominate &lt;20% cover of the area of undisturbed ground</li> </ul>	<ul style="list-style-type: none"> <li>• <b>FAIL</b></li> </ul>	<ul style="list-style-type: none"> <li>• Nettles and cleavers locally abundant for 50% of length.</li> </ul>
1	<ul style="list-style-type: none"> <li>• Invasive and neophyte species</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• None present</li> </ul>
2	<ul style="list-style-type: none"> <li>• Current damage</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;90% of the hedgerow or undisturbed ground is free of damage caused by human activities</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PASS</b></li> </ul>	<ul style="list-style-type: none"> <li>• Well managed, no damaging activities</li> </ul>
<b>Additional group – applicable to hedgerows with trees only</b>				
1	<ul style="list-style-type: none"> <li>• Tree age</li> </ul>	<ul style="list-style-type: none"> <li>• At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
2	<ul style="list-style-type: none"> <li>• Tree health</li> </ul>	<ul style="list-style-type: none"> <li>• At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>• Are any functional groups failed</li> </ul>				<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>• Number of criteria passed</li> </ul>				<ul style="list-style-type: none"> <li>• <b>7</b></li> </ul>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<ul style="list-style-type: none"> <li>• Suggested enhancement interventions to improve condition score</li> </ul>				
<ul style="list-style-type: none"> <li>•</li> </ul>				



## O\_W\_001

### CONDITION ASSESSMENT: 784-B045956 - TN8

Project Number 784-B045956	Project Name Oadby Wigston LWS (O_W_001)	Date of Survey 30 August 2023	Surveyor Tom Ward
Reason for Assessment			

<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Grassland - Modified grassland

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

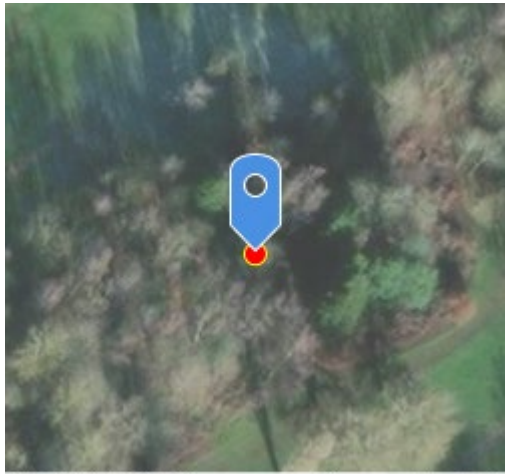

Habitat Description:		
TN8		
Condition Assessment Criteria	Pass/Fail	Notes
<p><b>A</b></p> <p>There are 6-8 vascular plant species per m<sup>2</sup> present, including at least 2 forbs (this may include those listed in Footnote 1). <b>Note - this criterion is essential for achieving Moderate or Good condition.</b></p> <p>Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m<sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.</p>	<b>FAIL</b>	5. 8 across 5 quadrats. Species poor.
<p><b>B</b></p> <p>Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.</p>	<b>PASS</b>	Sward height is varied from 1cm to 30cm.
<p><b>C</b></p> <p>Some scattered scrub (including bramble <i>Rubus fruticosus</i> agg.) may be present, but scrub accounts for less than 20% of total grassland area. <b>Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.</b></p>	<b>PASS</b>	
<p><b>D</b></p> <p>Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities.</p>	<b>PASS</b>	
<p><b>E</b></p> <p>Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).</p>	<b>PASS</b>	Sand pits to 10%
<p><b>F</b></p> <p>Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.</p>	<b>PASS</b>	
<p><b>G</b></p> <p>There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).</p>	<b>PASS</b>	

Essential criterion A achieved? (Y/N)	<b>NO</b>
Number of criteria passed	<b>6</b>
Condition Assessment Rating	
<b>POOR CONDITION</b>	
Suggested enhancement interventions to improve condition score	

### CONDITION ASSESSMENT: 784-B045956 - TN29

Project Number 784-B045956	Project Name Oadby Wigston LWS (O_W_001)	Date of Survey 30 August 2023	Surveyor Tom Ward
Reason for Assessment			
Temperature 19°C	Cloud Cover 60%	Wind 2 - Light breeze	Precipitation No precipitation

### Habitat Type: Woodland - Other woodland; mixed

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	


<b>Habitat Description:</b> TN29			
<b>Condition Assessment Criteria</b>			
Indicator	Score	Notes	
<b>A</b>	<b>3</b>	Age distribution of trees	
<b>B</b>	<b>3</b>	Wild, domestic and feral herbivore damage	
<b>C</b>	<b>2</b>	Invasive plant species	
<b>D</b>	<b>3</b>	Number of native tree species	
<b>E</b>	<b>2</b>	Cover of native tree and shrub species	
		Old, medium and young.	
		No browsing	
		Non-native acers and pines present.	
		Five present in all subplots.	
		Approx 75% of canopy and shrub species are native over 5 sub plots	

<b>F</b>	Open space within woodland	<b>3</b>	Average 17% over 5 sub plots
<b>G</b>	Woodland regeneration	<b>3</b>	
<b>H</b>	Tree health	<b>3</b>	
<b>I</b>	Vegetation and ground flora	<b>2</b>	
<b>J</b>	Woodland vertical structure	<b>2</b>	Shrub and canopy layer present.
<b>K</b>	Veteran trees	<b>1</b>	Fallen deadwood branches stumps in all plots
<b>L</b>	Amount of deadwood	<b>3</b>	
<b>M</b>	Woodland disturbance	<b>1</b>	Urtica dominant in understory due to dumping of grass clippj gs.
<b>Total Score</b>		<b>31</b>	
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Remove non-natives, plant more native species, stop dumping grass clippj gs in woodland.			

### CONDITION ASSESSMENT: 784-B045956 - TN31

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)**

Location	Photograph
	



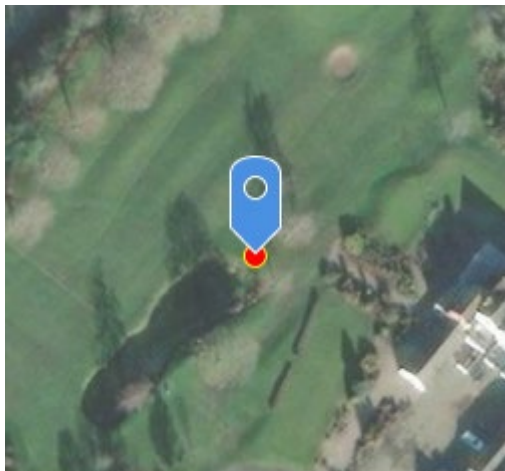

Habitat Description: TN31			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	At least 70% of trees are native species.	<b>FAIL</b>	Majority are ornamental see species list.
<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for 95% of tree line.
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Ash trees with cavities.
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition.
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Plant more natives.			

## CONDITION ASSESSMENT: 784-B045956 - TN19

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			

<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation
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### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

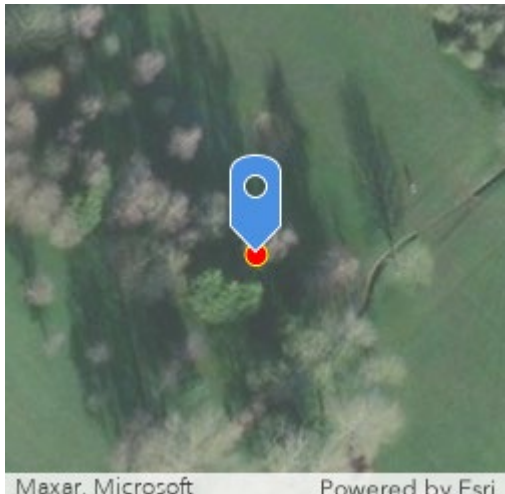

Habitat Description: TN19			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>FAIL</b>	Murky and slightly blue dyed.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Surrounded by modified Grassland
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>FAIL</b>	15% algae cover.
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>FAIL</b>	Pipework coming in to pond from golf course drainage
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>FAIL</b>	
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			



## CONDITION ASSESSMENT: 784-B045956 - TN30

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)

Location	Photograph
	

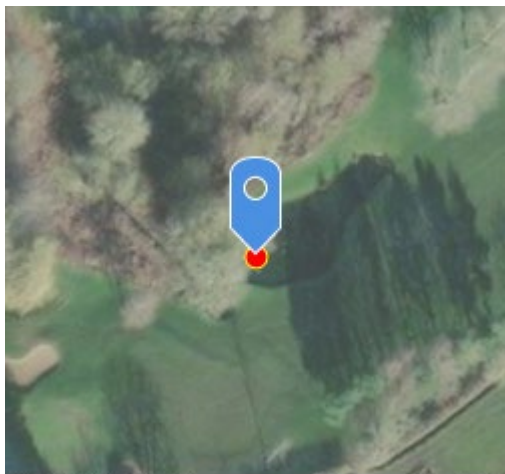

<b>Habitat Description:</b> TN30		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	80% native
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Ash tree with cavities in remnant hedgerow section.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b> At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an	<b>PASS</b>	Trees all in good condition.

	adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>GOOD CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Plant more natives, allow grass to grow longer nearby.			

### CONDITION ASSESSMENT: 784-B045956 - TN28

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> Series of artificial ponds		
Condition Assessment Criteria	Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>		
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>PASS</b>
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>



<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>FAIL</b>	Connected to ditches pipework
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>FAIL</b>	Pipework
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>PASS</b>	Typha and Potamogeton cover is over 75% in ponds
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	No shade.
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

## CONDITION ASSESSMENT: 784-B045956 - TN22

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
	





Habitat Description: TN22				
Condition Assessment Criteria				
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.				
Hedgerow favourable condition attributes				
Attributes and functional groupings (A, B, C, D & E)	Criteria (the minimum requirements for ‘favourable condition’)	Pass/Fail	Notes	
Core groups – applicable to all hedgerow types				
A1	Height	>1.5 m average along length	PASS	Avg. 3.5m
A2	Width	>1.5 m average along length	PASS	Avg. 2.5m
B1	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless ‘line of trees’)	FAIL	15% of length has top heavy thin hedge with a gap.
B2	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	PASS	Cover 95% but thin in places.
C1	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	PASS	Herbaceous vegetation either side for entire length.
C2	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	PASS	
D1	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	FAIL	Ornamental trees and shrubs present - Pinus nigra, Acer platanoides
D2	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	PASS	
Additional group – applicable to hedgerows with trees only				

E1	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	PASS	Mature and young present
E2	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	PASS	
Are any functional groups failed				
Number of criteria passed				8
Condition Assessment Rating				
<b>2 - MODERATE CONDITION</b>				
Suggested enhancement interventions to improve condition score				
Removal of the non-native species and supplementary planting near development site to bulk up the hedge bottom and thickness.				

### CONDITION ASSESSMENT: 784-B045956 - TN27

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 16°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	



**Habitat Description:**

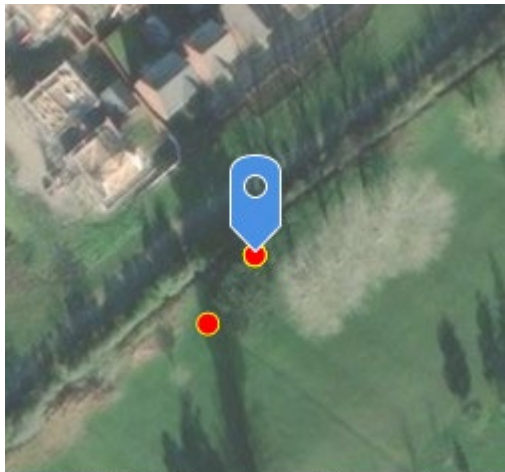

Three ponds. See TN27

Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>FAIL</b>	Water is murky.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Ponds surrounded by low distinctiveness grasslands.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>PASS</b>	Duckweed cover to 1%
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>PASS</b>	None noted.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	No fish.
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>PASS</b>	Vast cover of bog pondweed.
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	Two open ponds have minimal shading, pond in the middle has shading of approx 50%
<b>Number of criteria passed</b>			<b>7</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Improve water clarity. Allow for a 10m buffer of moderate distinctiveness habitat to surround the ponds.			

**CONDITION ASSESSMENT: 784-B045956 - TN21**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 30 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)**


Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

<b>Habitat Description:</b> TN21		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>PASS</b>	Ash
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Multiple trees with ivy covering.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed hedgerow to the north-east. Herbaceous strip to south west.
<b>E</b> At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition.
<b>Number of criteria passed</b>		<b>5</b>
<b>Condition Assessment Rating</b>		
<b>GOOD CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

**CONDITION ASSESSMENT: 784-B045956 - TN17**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Watercourse - Ditches**

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	


<b>Habitat Description:</b> TN17			
<b>Condition Assessment Criteria</b>		<b>Pass/Fail</b>	<b>Notes</b>
<b>A</b>	The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.	<b>PASS</b>	Water is clear.
<b>B</b>	A range of emergent, submerged and floating leaved plants are present. As a guide >10 species of emergent, floating or submerged plants in a 20 m ditch length.	<b>PASS</b>	See species list for TN17
<b>C</b>	There is less than 10% cover of filamentous algae and/or duckweed (these are signs of eutrophication).	<b>PASS</b>	No signs of eutrophication.
<b>D</b>	A fringe of marginal vegetation is present along more than 75% of the ditch.	<b>PASS</b>	Present for entire length
<b>E</b>	Physical damage evident along less than 5% of the ditch, such as excessive poaching, damage from machinery use or storage, or any other damaging management activities.	<b>PASS</b>	
<b>F</b>	Sufficient water levels are maintained; as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.	<b>FAIL</b>	Level approx 20cm.
<b>G</b>	Less than 10% of the ditch is heavily shaded.	<b>PASS</b>	Not shaded as part of golf course.

<b>H</b>	There is an absence of non-native plant and animal species.	<b>PASS</b>	
<b>Essential criterion A achieved? (Y/N)</b>			<b>YES</b>
<b>Number of criteria passed</b>			<b>7</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			

### CONDITION ASSESSMENT: 784-B045956 - TN8 (H1)

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

**Habitat Type: Hedgerows and Lines of Trees - Native species rich hedgerow with trees - associated with bank or ditch**

Location	Photograph
	

<b>Habitat Description:</b> See TN8
<b>Condition Assessment Criteria</b>
A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook. Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.
<b>Hedgerow favourable condition attributes</b>

Attributes and functional groupings (A, B, C, D & E)		Criteria (the minimum requirements for 'favourable condition')	Pass/Fail	Notes
<b>Core groups – applicable to all hedgerow types</b>				
<b>A1</b>	Height	>1.5 m average along length	<b>PASS</b>	
<b>A2</b>	Width	>1.5 m average along length	<b>PASS</b>	
<b>B1</b>	Gap – hedge base	Gap between ground and base of canopy <0.5 m for >90% of length (unless 'line of trees')	<b>PASS</b>	
<b>B2</b>	Gap – hedge canopy continuity	Gaps make up <10% of total length and No canopy gaps >5 m	<b>PASS</b>	
<b>C1</b>	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: - measured from outer edge of hedgerow, and - is present on one side of the hedge (at least)	<b>PASS</b>	On to golf course or longer herbaceous strip.
<b>C2</b>	Undesirable perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground	<b>FAIL</b>	Nettle >20%
<b>D1</b>	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA) and recently introduced species.	<b>PASS</b>	
<b>D2</b>	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities	<b>PASS</b>	
<b>Additional group – applicable to hedgerows with trees only</b>				
<b>E1</b>	Tree age	At least one mature tree per 30m stretch of hedgerow. A mature tree is one that is at least 2/3 expected fully mature height for the species.	<b>PASS</b>	Mature and young present
<b>E2</b>	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all seemingly in good health.
<b>Are any functional groups failed</b>				
<b>Number of criteria passed</b>				<b>9</b>
<b>Condition Assessment Rating</b>				
<b>3 - GOOD CONDITION</b>				
<b>Suggested enhancement interventions to improve condition score</b>				



**CONDITION ASSESSMENT: 784-B045956 - TN10**

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
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Reason for Assessment			
Temperature °C	Cloud Cover 60%	Wind 2 - Light breeze	Precipitation No precipitation

### Habitat Type: Lakes and Ponds - Ponds (non-Priority Habitat)

Location	Photograph
	

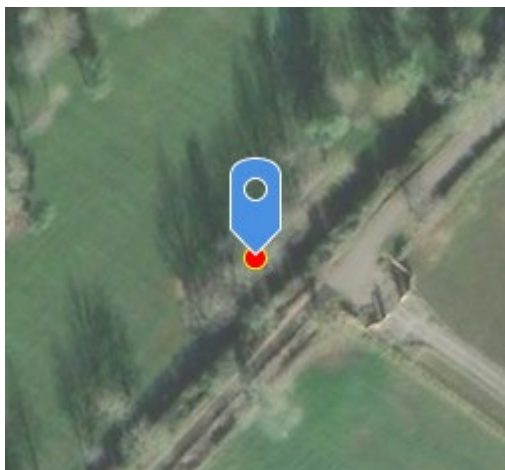

Habitat Description: See TN10			
Condition Assessment Criteria		Pass/Fail	Notes
<b>CORE CRITERIA - applicable to all pond habitat types:</b>			
<b>A</b>	The pond is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution. Turbidity is acceptable if the pond is grazed by livestock.	<b>FAIL</b>	Murky water.
<b>B</b>	There is semi-natural habitat (moderate distinctiveness or above) completely surrounding the pond, for at least 10 m from the pond edge for its entire perimeter.	<b>FAIL</b>	Modified Grassland adjacent.
<b>C</b>	Less than 10% of the water surface is covered with duckweed <i>Lemna spp.</i> or filamentous algae.	<b>FAIL</b>	Algae and duckweed present to 10%
<b>D</b>	The pond is not artificially connected to other waterbodies, e.g. agricultural ditches or artificial pipework.	<b>FAIL</b>	Pipe from golf course directed in to pond.
<b>E</b>	Pond water levels can fluctuate naturally throughout the year. No obvious artificial dams, pumps or pipework.	<b>PASS</b>	
<b>F</b>	There is an absence of listed non-native plant and animal species.	<b>PASS</b>	
<b>G</b>	The pond is not artificially stocked with fish. If the pond naturally contains fish, it is a native fish assemblage at low densities.	<b>PASS</b>	
<b>Additional Criteria - must be assessed for all non-woodland ponds:</b>			
<b>H</b>	Emergent, submerged or floating plants (excluding duckweed) cover at least 50% of the pond area which is less than 3 m deep.	<b>PASS</b>	Sparganium erectum and Potamogeton sp. 50%
<b>I</b>	The pond surface is no more than 50% shaded by adjacent trees and scrub.	<b>PASS-</b>	
<b>Number of criteria passed</b>			<b>5</b>
<b>Condition Assessment Rating</b>			
<b>POOR CONDITION</b>			

Suggested enhancement interventions to improve condition score

## CONDITION ASSESSMENT: 784-B045956 - TN7

Project Number 784-B045956	Project Name Oadby Wigston LWS (O_W_001)	Date of Survey 29 August 2023	Surveyor Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

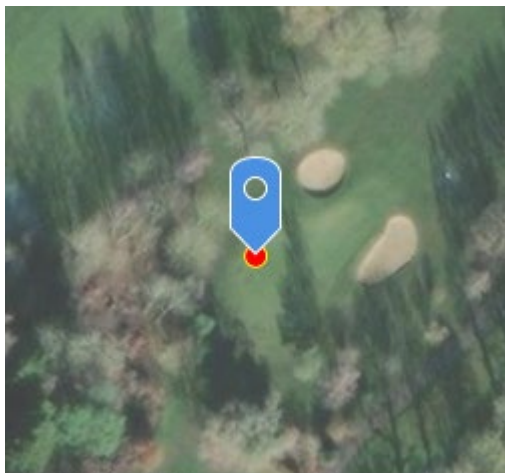

Habitat Description: TN7			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	At least 70% of trees are native species.	<b>PASS</b>	Mostly Quercus robur and Birch.
<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	No veteran trees or features.
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife)	<b>PASS</b>	Trees all in good condition.

	are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		
<b>Number of criteria passed</b>			<b>4</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Plant more natives.			

### CONDITION ASSESSMENT: 784-B045956 - TN6

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

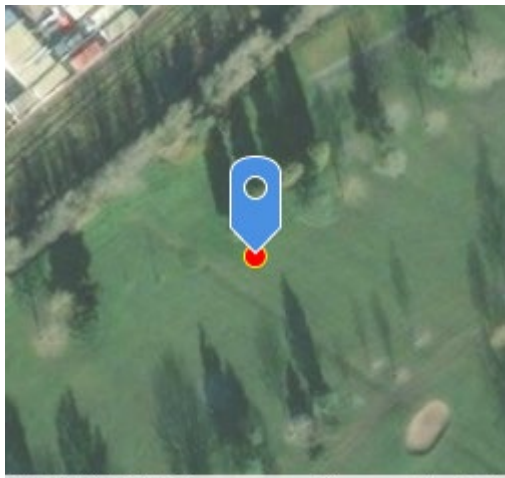
<b>Habitat Description:</b> TN6		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>FAIL</b>	Up to 60% are native the rest are ornamental species.
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.

<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	Trees in good health with no niches.
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition.
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Plant more natives.			

### CONDITION ASSESSMENT: 784-B045956 - TN5

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
 <p>Maxar, Microsoft      Powered by Esri</p>	

Habitat Description:

TN5			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	At least 70% of trees are native species.	<b>FAIL</b>	Chamaecyparis lawsoniana and Pinus sylvestris not native and cover 50%
<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	No veteran features.
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition apart from one dead pine.
<b>Number of criteria passed</b>			<b>3</b>
Condition Assessment Rating			
<b>MODERATE CONDITION</b>			
Suggested enhancement interventions to improve condition score			
Plant more natives.			

### CONDITION ASSESSMENT: 784-B045956 - TN2

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> 17°C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees

Location	Photograph
	



Habitat Description: TN2			
Condition Assessment Criteria		Pass/Fail	Notes
<b>A</b>	At least 70% of trees are native species.	<b>PASS</b>	Quercus robur, Crataegus monogyna, Salix alba all native.
<b>B</b>	Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>FAIL</b>	Large gaps between trees.
<b>C</b>	One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>FAIL</b>	All young trees.
<b>D</b>	There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed longer grass.
<b>E</b>	At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition.
<b>Number of criteria passed</b>			<b>3</b>
<b>Condition Assessment Rating</b>			
<b>MODERATE CONDITION</b>			
<b>Suggested enhancement interventions to improve condition score</b>			
Plant more trees to fill gaps.			

## CONDITION ASSESSMENT: 784-B045956 - TN1

<b>Project Number</b> 784-B045956	<b>Project Name</b> Oadby Wigston LWS (O_W_001)	<b>Date of Survey</b> 29 August 2023	<b>Surveyor</b> Tom Ward
<b>Reason for Assessment</b>			
<b>Temperature</b> °C	<b>Cloud Cover</b> 60%	<b>Wind</b> 2 - Light breeze	<b>Precipitation</b> No precipitation

### Habitat Type: Hedgerows and Lines of Trees - Line of trees (ecologically valuable)

Location	Photograph
 <p>Maxar, Microsoft Powered by Esri</p>	

Habitat Description:		
TN1		
Condition Assessment Criteria	Pass/Fail	Notes
<b>A</b> At least 70% of trees are native species.	<b>FAIL</b>	Pinus sylvestris, Populus x canadensis, Fagus sylvatica make up to 35% of trees and are not native to Leicestershire
<b>B</b> Tree canopy is predominantly continuous with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide.	<b>PASS</b>	Canopy continuous for length of tree line.
<b>C</b> One or more trees has veteran features and or natural ecological niches for vertebrates and invertebrates, such as presence of standing and attached deadwood, cavities, ivy or loose bark.	<b>PASS</b>	Ash tree with a split. Multiple trees with ivy covering.
<b>D</b> There is an undisturbed naturally-vegetated strip of at least 6 m on both sides to protect the line of trees from farming and other human activities (excluding grazing). Where veteran trees are present, root protection areas should follow standing advice.	<b>PASS</b>	Undisturbed but grass is cut.
<b>E</b> At least 95% of the trees are in a healthy condition (deadwood or veteran features valuable for wildlife are excluded from this). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	<b>PASS</b>	Trees all in good condition.
<b>Number of criteria passed</b>		<b>4</b>
<b>Condition Assessment Rating</b>		
<b>MODERATE CONDITION</b>		
<b>Suggested enhancement interventions to improve condition score</b>		

Plant more natives.