

APPENDIX 7C – DESK TOP SURVEY

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Table 7C.1: Statutory and Non-Statutory Designated Site Summary (refer to Figure 7.1 of ES chapter and Site citations below)

Site Name	Grid Ref	Distance from Project area (km)	Site Status	Size/ ha	Site Description
Statutory Sites					
Narborough Bog	SP 549 979	1.5km S	SSSI	9.49	The site contains one of the largest natural reed-beds in Leicestershire together with areas of wet woodland and meadow. Additional interest is provided by the variety of wintering and breeding birds utilising the site.
Enderby Warren Quarry	SK 542 001	On SW site boundary	SSSI	1.7	Enderby Warren Quarry is a nationally important geological site.
Kirby Frith		1.6km N	LNR		
Aylestone Meadows		1.8km E	LNR		
Non Statutory Sites					
Aylestone South / Glen Parva - Canal	SP 558 991	1.3km SE	Wildlife Site	0.99	Not available
Western Golf Course: Pond 2	SK 535 048	1.8km N	Wildlife Site	0	Not available
Western Golf Course: Pond 3	SK 537 048	1.9km N	Wildlife Site	0.01	Not available
Western Golf Course: Pond 5	SK 538 047	1.8km N	Wildlife Site	0.01	Not available
Western Golf Course: Pond 6	SK 536 046	1.7km N	Wildlife Site	0.03	Not available
Western Golf Course: New Plantation	SK 535 049	1.8km N	Wildlife Site	2.60	Not available
Western Golf Course: Oakmeadow Spinney (West)	SK 539 048	1.9km N	Wildlife Site	0.59	Not available
Western Golf Course & adj GCN habitat	SK 538 049	1.6km N	Wildlife Site	40.77	Not available
Aylestone Meadows Central: Site 1	SK 567 012	2.1km E	Wildlife Site	7.56	Not available
Aylestone Meadows Central: Site 2	SK 568 010	2.3km E	Wildlife Site	2.55	Not available
Aylestone Meadows Central: Site 3	SK 567 007	2.0km E	Wildlife Site	2.43	Not available
Aylestone Meadows Central: Site 6	SK 564 008	1.8km E	Wildlife Site	8.18	Not available
Aylestone Meadows Central: Site 4	SK 564 012	1.8km E	Wildlife Site	7.45	Not available
Aylestone Meadows Central:	SK 561 009	1.6km E	Wildlife Site	2.07	Not available

Site 4					
Aylestone Meadows Central: Site 7	SK 565 006	1.8km E	Wildlife Site	7.65	Not available
Aylestone Meadows Central: Site 1	SK 565 010	1.9km E	Wildlife Site	3.73	Not available
Aylestone Meadow (central)	SK 562 003	1.7km E	Wildlife Site	3.04	Not available
Hedgerow	SK 504 027	1.9km NW	Wildlife Site	0.04	Not available
Hedgerow	SK 504 028	2.0km NW	Wildlife Site	0.03	Not available
Hedgerow	SK 506 030	1.8km NW	Wildlife Site	0.06	Not available
Grassland	SK 511 036	1.6km NW	Wildlife Site	2.40	Not available
New Bridge Meadow	SP 561 984	1.7km SE	Wildlife Site	2.42	Not available
Grand Union Canal, Aylestone – SV Way to BL East	SK 566 006	1.8km E	Wildlife Site	1.55	Not available
Kirby Muxloe Park, Hedgerow	SK 521 037	1.4km N	Wildlife Site	0.09	Not available
Kirby Muxloe Park, Scrub B	SK 522 042	1.9km N	Wildlife Site	0.11	Not available
Kirby Muxloe Park, Scrub C	SK 522 041	1.8km N	Wildlife Site	0.08	Not available
Kirby Muxloe Park, Scrub D	SK 522 041	1.8km N	Wildlife Site	0.07	Not available
Kirby Muxloe Park, Stream	SK 521 041	1.7km N	Wildlife Site	0.11	Not available
Ratby Lane Hedge and Adjacent Land	SK 534 040	1.0km N	Wildlife Site	2.58	Not available
Highway Spinney & Meynell's Gorse – Spinney	SK 544 034	0.8km N	Wildlife Site	4.06	Not available
Highways Spinney & Meynell's Gorse – Gorse	SK 543 036	0.8km N	Wildlife Site	3.82	Not available
Braunstone Park Meadow	SK 556 035	1.9km NE	Wildlife Site	2.94	Not available
Grand Union Canal, Aylestone – Boundary to SV Way	SP 563 999	1.4km E	Wildlife Site	0.75	Not available
Aylestone South / Glen Parva – Narrow field	SP 555 990	1.0km SE	Wildlife Site	1.34	Not available
Thorpe Meadows – River Soar	SP 537 971	2.3km S	Wildlife Site	0.25	Not available
Thorpe Meadows – Grassland	SP 537 971	2.3km S	Wildlife Site	2.24	Not available
Hedgerow	SK 503 027	2.0km NW	Wildlife Site	0.05	Not available
Osier Beds, Area 1& 2	SP 538 970	2.4km S	Wildlife Site	0.65	Not available
Osier Beds, Area 3	SP 539 971	2.4km S	Wildlife Site	0.07	Not available

Thorpe Meadows	SP 540 972	2.2km S	Wildlife Site	1.50	Not available
Kirby Muxloe Park, Grassland	SK 521 041	1.6km N	Wildlife Site	7.88	Not available
Kirby Muxloe Park, Scrub A	SK 522 042	1.9km N	Wildlife Site	0.22	Not available
Links Grassland 1	SK 521 033	1.0km N	Wildlife Site	2.56	Not available
Willow Wood, Stream	SK 522 034	1.0km N	Wildlife Site	0.03	Not available
Willow Wood, Woodland	SK 522 034	1.1km N	Wildlife Site	0.79	Not available
Ashlands Crack Willow	SP 527 985	1.3km SW	Wildlife Site	0.17	Not available
Mature Ash Tree	SK 513 038	1.8km NW	Wildlife Site	0.14	Not available
Aylestone South / Glen Parva – Kitty's Brook Grass	SP 561 994	1.5km E	Wildlife Site	0.69	Not available
Aylestone South / Glen Parva – Bluebank Pasture	SP 560 993	1.4km E	Wildlife Site	1.74	Not available
Aylestone South / Glen Parva – Old Oak Pasture	SP 557 991	1.1km SE	Wildlife Site	5.43	Not available
Aylestone South / Glen Parva – Old Oak Hedgerow	SP 556 990	1.0km SE	Wildlife Site	0.19	Not available
Aylestone South / Glen Parva – R Soar End / Leics	SK 563 000	1.5km SE	Wildlife Site	2.20	Not available
Aylestone South / Glen Parva – Field S of SV Way	SK 562 000	1.6km E	Wildlife Site	0.49	Not available
Aylestone South / Glen Parva – Meander Field	SP 561 997	1.4km E	Wildlife Site	1.90	Not available
Veteran Trees in Braunstone Park	SK 559 032	1.7km NE	Wildlife Site	32.21	Not available
Kirby Muxloe Path	SK 514 040	1.9km NW	Provisional Wildlife Site	0.02	Not available
Glen Hills Nature Area Meadow 2	SP 561 992	1.4km SE	Provisional Wildlife Site	1.61	Not available
Glen Hills Nature Area Meadow 1	SP 560 991	1.4km SE	Provisional Wildlife Site	2.54	Not available
The Park Parkland	SP540 997	Within site boundary	Provisional Wildlife Site	30.21	Not available
Kirby Muxloe Castle Grounds	SK 523 046	2.2km N	Provisional Wildlife Site	1.53	Not available
Oaks Farm Woodland Willow	SK 513 032	1.4km NW	Provisional Wildlife Site	0.12	Not available
Oaks Farm Woodland Ash	SK 512 033	1.5km NW	Provisional Wildlife Site	0.06	Not available
Oaks Farm Stream Woodland Ash	SK 511 026	1.3km NW	Provisional	0.08	Not available

			Wildlife Site		
Thorpe Meadows	SP 537 971	2.3km S	Wildlife Site – Descheduled	2.49	Not available
Woodclose Meadow	SK 547 018	0.3km E	District Level	0.55	Not available
Semi-unimproved grassland	SK 535 007	Within site boundary	District Level	4.06	Not available
Stone wall	SP 536 997	On W site boundary	District Level	0.06	Not available
Semi-unimproved grassland	SK 530 007	On W site boundary	District Level	2.48	Not available
Semi-improved grassland. Tall grassland sward	SK 527 005	0.1km W	District Level	4.22	Not available
Cutting north of Seine Lane	SP 531 996	0.1km W	Parish Level	0.89	Not available
New planting. Broad-leaved woodland	SK 540 017	Within site boundary	Parish Level	2.66	Not available
The Arrington. Mixed woodland	SK 535 019	Within site boundary	Parish Level	3.00	Not available
Brickhill. Mixed woodland	SK 528 014	Within site boundary	Parish Level	2.05	Not available
Hedgerow	SK 527 010	Within site boundary	Parish Level	0.71	Not available
Broad-leaved Woodland. New planting	SK 537 013	Within site boundary	Parish Level	2.39	Not available
Hedgerow	SK 532 015	On W site boundary	Parish Level	0.21	Not available
Semi-improved grassland	SK 532 007	On W site boundary	Parish Level	0.55	Not available
Semi-improved grassland	SK 531 007	On W site boundary	Parish Level	1.03	Not available
Semi-improved grassland	SK 530 006	Within site boundary	Parish Level	0.64	Not available
Grassland, mown.	SK 541 007	Within site	Parish Level	1.56	Not available

		boundary			
Broad-leaved woodland	SK 542 007	Within site boundary	Parish Level	0.45	Not available
Semi-improved grassland	SK 539 007	0.05km W	Parish Level	3.74	Not available
Fox Covert	SK 538 003	On SW site boundary	Parish Level	3.06	Not available
Semi-unimproved grassland	SK 529 008	On W site boundary	Parish Level	1.85	Not available
Semi-improved grassland	SK 532 005	On W site boundary	Parish Level	0.72	Not available
Semi-improved grassland	SK 529 003	0.07km W	Parish Level	5.20	Not available
Semi-improved grassland	SK 528 007	0.2km W	Parish Level	0.56	Not available
Semi-improved grassland	SK 528 007	On W site boundary	Parish Level	1.09	Not available
Woodclose Plantation	SK 547 016	0.3km E	Parish Level	4.20	Not available
Hedgerow	SK 547 018	0.2km E	Parish Level	0.55	Not available

Table 7.C2: Protected and notable species within 2km of site identified during desktop survey (see Figure 7.2 of ES chapter)

Species	Status	Location
Great crested newt (<i>triturus cristatus</i>)	EU & UK statute UKBAP LBAP	<ul style="list-style-type: none"> • 3 records all within 2km north and east of the site
Water vole (<i>Arvicola terrestris</i>)	UKBAP LBAP	<ul style="list-style-type: none"> • Numerous records 1.8km north • 2 records 0.8-1.7km east of boundary • 2 records 1.5-2.5km south east
Brown long-eared bat (<i>Plecotus auritus</i>)		<ul style="list-style-type: none"> • Multiple records 0.8km – 2.5km south east • Multiple records 1.5km north west of site
Grass snake (<i>Natrix natrix</i>)	UKBAP	<ul style="list-style-type: none"> • Multiple locations surrounding the site, all within 300m – 2km of site
Otter (<i>Lutra lutra</i>)	UKBAP	<ul style="list-style-type: none"> • Multiple records 1.3km east of the site • 2 records 1.3 and 1.8km south east of the site

Species	Status	Location
Spined loach (<i>Cobitis taenia</i>)	UKBAP	<ul style="list-style-type: none"> • 1.3-2.2km south of the site
Chiroptera bat species (<i>Chiroptera</i>) Common pipistrelle (<i>Pipistrellus pipistrellus</i>)	LBAP	<ul style="list-style-type: none"> • Multiple roosts found within 1.5-2.2km north west of the site • Multiple records of bats found 0.5-2km south west of the site • Multiple records of bats and roosts surrounding the site, all within 2.7km of the site
King fisher (<i>Alcedo atthis</i>) Green sandpiper (<i>Tringa ochropus</i>)	Schedule 1 UKBoCC Amber	<ul style="list-style-type: none"> • Between 0.2km south of site boundary • 2.2km south of the site • 2.1km east • One record 3km south east of the site
Song thrush (<i>Turdus philomelos</i>)	UKBAP Schedule 3 UKBoCC Red	<ul style="list-style-type: none"> • 3 records in multiple locations within 1.2 – 2.3km of the site
Skylark (<i>Alauda arvensis</i>) Spotted flycatcher (<i>Muscicapa striata</i>) Tree sparrow (<i>Passer montanus</i>) Willow tit (<i>Poecile montanus</i>) Lapwing (<i>Vanellus vanellus</i>) Common linnet (<i>Carduelis cannabina</i>) Grey partridge (<i>Perdix perdix</i>)	UKBAP UKBoCC Red	<ul style="list-style-type: none"> • 1 record 200m east of the site • 2 records 0.5km and 2.5km north of the site • 1 record 2.5km north • 1 record 2km south • 2 records between 0.5-1.5km north of the site • 1 record on site • 0.2km east of the site • Multiple locations between 0.5-1.2km of the site • 2 records 0.5km east and north east of the site • 1 record on site
Reed bunting (<i>Emberiza schoeniculus</i>) Bullfinch (<i>Pyrrhula pyrrhule</i>)	UKBAP UKBoCC Amber	<ul style="list-style-type: none"> • 2 1.2 and 2.2km south and south east of the site • 1 record on site • Multiple records 0.5-1.1km north of the site
Kestrel (<i>Falco tinnunculus</i>)	Schedule 4 UKBoCC Amber	<ul style="list-style-type: none"> • 2 records on site • 2km south of site • Between 0.5-2km north of the site
Tufted duck (<i>Aythya fuligula</i>) Golden plover (<i>Pluvialis apricaria</i>) Nothorn shoveler (<i>Anas clypeata</i>)	Schedule 2 & 3 UKBoCC Amber	<ul style="list-style-type: none"> • 0.5km east of the site • 0.2km south west of the site • 1.2km south east of the site

Species	Status	Location
Woodcock (<i>Scolopax rusticola</i>) Common snipe (<i>Gallinago gallinago</i>)	Schedule 2 & 3 Game Act 1831	<ul style="list-style-type: none"> • 0.1km south west of the site • 0.1km west of the site • 0.1km east of the site
Ringed plover (<i>Charadrius hiaticula</i>) Swallow (<i>Hirundo rustica</i>) Sand martin (<i>Riparia riparia</i>) Green woodpecker (<i>Picus viridis</i>) Grey wagtail (<i>Motacilla cinerea</i>) Stock dove (<i>Columba oenas</i>) Northern wheatear (<i>Oenanthe oenanthe</i>)	UKBoCC Amber	<ul style="list-style-type: none"> • 0.1km east of the site • 1 record on site • Multiple records surrounding site within 1-2.1km • Multiple records surrounding the site within 0.1km-3km • 1 record on site • Multiple records surrounding the site within 0.5-2.2km • 1 record on site • Records in multiple locations between 0.1- 2km south of the site • 2 records 0.5 and 1km north east of the site • 2 records 0.1km east and west of the site
Bullhead (<i>Cottus gobio</i>)		<ul style="list-style-type: none"> • Multiple records 1-2.2km south & south-east of the site.
Ruddy darter (<i>Sympetrum sanguineum</i>) <i>Saloca diceros</i> <i>Tetragnatha pinicola</i>		<ul style="list-style-type: none"> • 2 records 1.2-2km east of the site • 2 records 1.5-1.8 south of the site • 2 records 0.8 and 1.8km south of the site • 1 record 2 km south of the site
Bluebell (<i>Hyacinthoides non-scripta</i>) Grass-wrack pondweed (<i>Potamogeton compressus</i>) Tawny sedge (<i>Carex hostinana</i>) Narrow-fruited cornsalad (<i>Valerianella dentate</i>) Hound's-tongue (<i>Cynoglossum officinale</i>) Common feather-moss (<i>Eurhynchium praelongum</i>) Small-bud bryum (<i>Bryum gemmiferum</i>) Grass vetchling (<i>Lathyrus nissolia</i>)		<ul style="list-style-type: none"> • Multiple records within 1.1-2.7km north of the site • 1 record 2.1km east of the site • 1 record 0.2km south east of the site • 1 record 1.8km south of the site • 1 record 1.8km south of the site • 1 record 1.8km east of the site boundary • 1 record on the east side of the site • 1 record on the east side of the site

STATUTORY SITE CITATIONS

File ref:

County: Leicestershire **Site name:** Narborough Bog

District: Blaby

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981

Local Planning Authority: Blaby District Council

National Grid Reference: SP 549979 **Area:** 9.49 (ha) 23.47 (ac)

Ordnance Survey Sheet 1: 50 000: 140 **1: 10 000:** SP 59 NW, SP 59 NE

Date Notified (Under 1949 Act): 1956 **Date of Last Revision:** 1981

Date Notified (Under 1981 Act): 1983 **Date of Last Revision:** -

Other Information:

The site is managed as a nature reserve by the Leicestershire and Rutland Trust for Nature Conservation.

Reasons for Notification:

The site contains one of the largest natural reed-beds in Leicestershire together with areas of wet woodland and meadow.

Biology:

The central feature of Narborough Bog is a reed-bed dominated by the common reed *Phragmites australis*, but which is now less wet than formerly and is becoming invaded by plant species such as meadowsweet *Filipendula ulmaria*, stinging nettle *Urtica dioica*, great willowherb *Epilobium hirsutum* and cleavers *Galium aparine*. North of the reed-bed lies an area of wet woodland dominated by crack willow *Salix fragilis* and hawthorn *Crataegus monogyna*, and which includes such understorey species as alder buckthorn *Frangula alnus*, rowan *Sorbus aucuparia*, field maple *Acer campestre*, guelder rose *Viburnum opulus*, dogwood *Swida sanguinea* and sloe *Prunus spinosa*. An exceptionally rich lepidoptera fauna has been recorded from this area of wet woodland and the adjoining reed-bed, including several species scarce in Leicestershire. To the south of the site lies an area of wet meadowland which retains a characteristic grazed-marsh flora which includes southern marsh orchid *Dactylorhiza praetermissa*, marsh valerian *Valeriana dioica* and fen bedstraw *Galium uliginosum*. Additional interest is provided by the variety of wintering and breeding birds utilising the site.

File ref:

County: Leicestershire **Site name:** Enderby Warren
Quarry

District: Blaby

Status: Site of Special Scientific Interest (SSSI) notified under Section
28 of the Wildlife and Countryside Act 1981

Local Planning Authority: Blaby District Council

National Grid Reference: SK 542001 **Area:** 1.7 (ha) 4.2 (ac)

Ordnance Survey Sheet 1: 50 000: 140 **1: 10 000:** SK 50 SW, SP 59 NW

Date Notified (Under 1949 Act): **Date of Last Revision:**

Date Notified (Under 1981 Act): 1987 **Date of Last Revision:** -

Other Information:

Description and Reasons for Notification

Enderby Warren Quarry is a nationally important geological site. It is the only British locality where it can be demonstrated that the palygorskite, found here at, below and above the unconformity of the Croft microtonalite and the superjacent Triassic sediments, originated through the action of the post-Triassic groundwaters on the underlying beds.