



Appendix 13-PD-2: Designated Sites

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Appendix 13-PD-2: Designated Sites

1. Sites of Nature Conservation Importance

- 1.1.1 Sites of nature conservation importance are designated areas that are chosen for their importance to wildlife. In this report, sites of nature conservation importance have been split into statutory and non-statutory designated sites.
- 1.1.2 A list of statutory and non-statutory designated sites considered within this assessment and the level of protection they have received has been provided in **Table 1**.

Table 1: List of sites of nature conservation importance considered within the EIA PEI Report

Designation Name	Level of Protection (Importance)	Legislation
Special Protection Areas (SPA) / Special Areas of Conservation (SAC)	Statutory Designation – National	Conservation of Habitats and Species Regulations 2017 [Ref. 1]
Wetland of International Importance (Ramsar site)	Statutory Designation – National	Designated under the Convention on Wetlands of International Importance especially as Waterfowl Habitat 1971 (the Ramsar Convention) [Ref. 2]
Sites of Special Scientific Interest (SSSI)	Statutory Designation – National	Wildlife and Countryside Act 1981 [Ref. 3]
National Nature Reserve (NNR)	Statutory Designation – National	National Parks and Access to the Countryside Act 1949 [Ref. 4] Most NNRs are also underpinned by SSSIs and protection through policies in the relevant local development plan.
Local Nature Reserve (LNR)	Statutory Designation – National	National Parks and Access to the Countryside Act 1949 [Ref. 4]

Designation Name	Level of Protection (Importance)	Legislation
		Designation made by principal local authorities. (district, borough or unitary councils), through policies in a local development plan.
Locally Designated Sites e.g. Local Wildlife Sites (LWS), County Wildlife Sites (CWS), Sites of Importance for Nature Conservation (SINCs), or Site of Local Importance for Nature Conservation (SLINCs)	Non - Statutory – District / County	Section 40 of the Natural Environment & Rural Communities Act (NERC) 2006 [Ref. 5] Usually selected by the relevant Wildlife Trust, along with representatives of the local authority and other local wildlife conservation groups.
Habitats of Principal Importance for the Conservation of Biodiversity	Non- Statutory – District / County	Section 40 of the Natural Environment & Rural Communities Act (NERC) 2006 [Ref. 5]
Ancient Woodlands	Non-Statutory Designation - National	Environment Act 2021 [Ref. 6]

Statutory Designated Nature Conservation Sites

- 1.1.3 The study area for statutory designated sites is 2 km from the Preliminary Order Limits Boundary of Parts 1, 3 and 4 of the Proposed Development and 2 km of the Indicative Work Area of Part 2, albeit sites downstream of the Proposed Development, which are hydrologically connected to the Indicative Working Area were considered. In addition, statutory designations for bats were searched within a 30 km study area, and within a 20 km study area for birds. Statutory designated sites of national conservation importance e.g. SSSI (referencing Natural England Impact Risk Zones via MAGIC [Ref. 6]) were searched within a 10 km study area.
- 1.1.4 **Table 2** provides details of statutory designated sites of nature conservation importance within the Study Area and is supported by **Figure 13-1: Statutory Designated Sites of Nature Conservation Importance** within Volume 2 of this PEI Report.
- 1.1.5 Sixteen SSSIs noted for geological interest, were identified during the desk study. These SSSI citations included no nature conservation description. The geological sites have been listed for reference only: Blisworth Rectory Farm Quarry SSSI, Boon's Quarry SSSI, Double Arches Pit SSSI, Griff Hill Quarry SSSI, Illing's Trenches SSSI, Kensworth Chalk Pit SSSI, Kingsbury

Brickworks SSSI, Napton Hill Quarry SSSI, Nine Acres Pit SSSI, Pitstone Quarry SSSI, Roade Cutting SSSI Ryton and Brandon Gravel Pits SSSI, Totternhoe Stone Pit SSSI, Warren Farm, Stewkley SSSI, Wolston Gravel Pit SSSI, and Woodlands Quarry SSSI.

Non-Statutory Designated Nature Conservation Sites

- 1.1.6 The Study Area for non-statutory designated sites is 2 km from the Preliminary Order Limits of Parts 1a, 1b, 4a and 4b, and 2 km of the Indicative Work Area of Parts 2 and 3.
- 1.1.7 **Table 2** provides details of non-statutory designated sites of nature conservation importance within the study area and is supported by Figure 13-2: Non-Statutory Designated Sites of Nature Conservation Importance within Volume 2 of this PEI Report.
- 1.1.8 It is noted that the data collection from Local Ecological Record Centres (LERCs) is ongoing and, where available, has been included within this appendix. Full baseline information will be provided within the Environmental Statement (ES).

Ancient Woodland

- 1.1.9 The study area for ancient woodland is 500 m from the Preliminary Order Limits of Parts 1 and 4, and 500 m of the Indicative Work Area of Part 2 and 3.
- 1.1.10 **Table 9** provides details of ancient woodland and is supported by **Figure 13-3: Ancient Woodland** within Volume 2 of this EIA Scoping Report.

2. Reasons for Criteria

- 2.1.1 Due to the number of non-statutory sites, the reasons for criteria are not specified below.
- 2.1.2 **Table 2** details the reasons for criteria for statutory sites of nature conservation importance within the Study Area of the Proposed Development. Due to the number of non-statutory sites, the reasons for criteria are not specified below.

Table 2: Designated sites of nature conservation importance within the study area

Designation and Site Name	Reason for Criteria
Ramsar	
Upper Nene Valley Gravel Pits Ramsar, SAC, SPA, SSSI	A collection of both active and disused sand and gravel pits including open water, reed swamps, marshes, pastures and grasslands. The area is nationally important for its breeding bird assemblage of lowland open waters and their margins (including the largest nesting colony of grey herons <i>Ardea cinerea</i> in Northamptonshire), wintering waterbird species (including Bittern <i>Botaurus stellaris</i> , Golden plover <i>Pluvialis apricaria</i> , Gadwall <i>Anas strepera</i> , and Mute swan <i>Cygnus olor</i>), an assemblage of over 20,000 waterbirds in the non-breeding season and a rare example of wet floodplain woodland.
Special Areas of Conservation	
Cannock Chase SAC	Cannock Chase is an area of European Dry Heaths, Northern Atlantic wet heaths with <i>Erica tetralix</i> , and the site comprises dry heath habitats (NVC H8 & H9). There are important populations of butterflies and beetles, as well as five species of bats.
Cannock Extension Canal SAC	This lowland canal habitat supports a large population of floating water-plantain <i>Luronium natans</i> at the eastern edge of its English range, with diverse aquatic flora and rich dragonfly fauna thriving due to low boat traffic and high-water quality.
Chilterns Beechwoods SAC, SSSI	An ancient semi-natural <i>Asperulo-Fagetum</i> beech forest in the centre of the habitat's UK range. The woodland is an important part of a mosaic with species-rich chalk grassland and scrub. It is a semi-natural dry grasslands and scrubland facies: on calcareous substrates <i>Festuco brometalia</i> , note that this includes the priority feature 'important orchid rich sites'. A distinctive feature in the woodland flora is the occurrence of the rare coralroot <i>Cardamine bulbifera</i> . Standing and fallen dead timber provide habitat for dead-wood (saproxylic) invertebrates, including stag beetle <i>Lucanus cervus</i> .
Ensor's Pool SAC, SSSI, LNR	Ensor's Pool lies on the western edge of Nuneaton in the north of Warwickshire and formed in an abandoned clay pit. It is about 220 m long, 50 m wide with an average depth of 8 m and is fed by groundwater. The pool overlies Etruria Marl which was extracted for brickmaking earlier this century. Ensor's Pool holds a very large and healthy population of native white-clawed crayfish <i>Austropotamobius pallipes</i> estimated at 50,000 individuals. It is of national importance as one of the best

Designation and Site Name	Reason for Criteria
	lake populations of crayfish in England. The SAC/SSSI is not connect to the canals.
Fens Pools SAC	This site comprises three canal feeder reservoirs and a series of smaller pools overlying Carboniferous marls and coal measures, the site supports diverse habitats including open water, fen, swamp, and grassland, with an important amphibian assemblage featuring great crested newts.
River Mease SAC	A small tributary of the River Trent in central England, supporting riverine habitats with submerged vegetation and sandy sediments, providing suitable conditions for spined loach <i>Cobitis taenia</i> and bullhead populations <i>Cottus gobio</i> , alongside white-clawed crayfish <i>Austropotamobius pallipes</i> and otter <i>Lutra lutra</i> . Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation.
Wormley-Hoddesdonpark Woods SAC	This site is a <i>sub-Atlantic and medio-European oak Quercus sp. or oak-hornbeam forests of the Carpinion betuli</i> , comprises of both North and South sections, and are nationally important semi-natural woodland, representing one of the best remaining examples of south-eastern Sessile Oak–Hornbeam woodland in the UK. The site's ecological value is enhanced by its ancient woodland character, varied geology, and historical management, which support a rich mosaic of habitats including wood-pasture, unimproved grasslands, and marshy areas. Notable NERC-listed species include the wild service tree <i>Sorbus torminalis</i> , golden saxifrage <i>Chrysosplenium oppositifolium</i> , and green tiger beetle <i>Cicindela campestris</i> , all indicators of ancient woodland or limited distribution. Schedule 1 bird species such as woodcock <i>Scolopax rusticola</i> and hawfinch <i>Coccothraustes coccothraustes</i> are known to breed within the site.
Sites of Special Scientific Interest	
Aldbury Nowers SSSI	This site contains areas of unimproved calcareous grassland and ancient semi-natural woodland which have developed on the western slopes of a chalk scarp to the northeast of Tring. The site supports one of Hertfordshire's best remaining areas of chalk downland and beech hanger woodland. It hosts a rich diversity of flora and supports 34 butterfly species, including the duke of burgundy <i>Hamearis Lucina</i> .
Alpine Meadow SSSI	Alpine Meadow is a small area of calcareous grassland on a sheltered, south-facing slope of the Upper Chalk north of Berkhamsted. The sward supports a rich

Designation and Site Name	Reason for Criteria
	assemblage of plant species typical of unimproved chalk grassland. This type of habitat has been greatly reduced in extent nationally, and this site is one of the few remaining examples in Hertfordshire. It supports a diverse range of flora, including abundant orchids such as common twayblade <i>Listera ovata</i> and the county's only known population of autumn lady's-tresses <i>Spiranthes spiralis</i> . The site also hosts a colony of the Duke of Burgundy butterfly <i>Hamearis Lucina</i> .
Alvecote Pools SSSI	The site consists of a series of shallow pools which have arisen as a result of colliery subsidence. They lie along the course of the River Anker, in North Warwickshire, astride the Warwickshire/Staffordshire border. The site is one of the most extensive and diverse wetland areas in the county and supports a regionally important bird community, including little ringed plover <i>Charadrius dubius</i> .
Ashby Canal SSSI	The Ashby Canal supports communities of aquatic and emergent plants that are representative of eutrophic standing water bodies in the English lowlands. The diversity of aquatic plants and invertebrates, including water-clawed crayfish <i>Austropotamobius pallipes</i> , makes this one of the most important water bodies of its type in the East Midlands.
Ashridge Commons and Woods SSSI	Ashridge Commons and Woods are an extensive area of mainly semi-natural vegetation on the Hertfordshire/Buckinghamshire border. Situated towards the northern end of the Chiltern escarpment on wet, acidic Claywith-Flints plateau soils and more base rich flinty chalks of the scarp slopes, the site comprises a mosaic of different habitats: a mixture of ancient semi-natural and secondary woodland, plantation, scrub, a more open component dominated by bracken, and grassland. The site supports an exceptionally rich breeding bird community, including several Schedule 1 species such as firecrest <i>Regulus ignicapillus</i> , wood warbler <i>Phylloscopus sibilatrix</i> , and hawfinch <i>Coccothraustes coccothraustes</i> present.
Badby Wood SSSI	Badby Wood is the largest of a localised group of ancient semi-natural woodlands lying mainly on acidic soils derived from Jurassic Upper Lias Clays and Northampton Sands. It has a history of continuous woodland cover for over seven hundred years. Lowland hazel-pedunculate woodland is the most common vegetation type present, with pedunculate oak-ash-hazel occurring locally in the wetter areas. Woodland habitat of this kind has declined

Designation and Site Name	Reason for Criteria
	significantly throughout Northamptonshire and is now unusual in the county. Schedule 1 species such as wood warbler <i>Phylloscopus sibilatrix</i> , redstart <i>Phoenicurus phoenicurus</i> , and tree pipit <i>Anthus trivialis</i> have bred here, and the presence of badger setts and abundance of butterflies.
Barton Hills SSSI	Immediately south of Barton, the chalk escarpment forms a natural amphitheatre. At its head and along the eastern side, rising abruptly from the flat valley floor are steep-sided, rounded hills still retaining an extensive cover of unimproved chalk grassland supporting many species of grasses and flowering plants. Opposite, on the western slope is a small ancient beech <i>Fagus sylvatica</i> wood and developing secondary woodland and scrub. The scrub includes abundant hazel <i>Corylus avellana</i> which is an unusual coloniser. Part of the grassland has been quarried for chalk in the past and this area has now recolonised with a rich variety of flowers. A spring rises near the head of the coombe feeding a chalk stream which runs along the valley floor and adding a wetland element to the outstanding flora of this site.
Bentley Park Wood SSSI	Lowland broadleaved, mixed and yew <i>Taxus baccata</i> woodland. This site is a large and important ancient woodland in north Warwickshire. On this site there is an unusual and widespread juxtaposition of sessile oak <i>Quercus petraea</i> and alder <i>Alnus glutinosa</i> and there is a wider ecological range of alder woodland than possibly any other wood in Britain. The site is of note for its bird community, in particular for being one of three sites in the county for breeding redstart <i>Phoenicurus phoenicurus</i> .
Bickenhill Meadows SSSI	Bickenhill Meadows consists of two groups of fields comprising species-rich grassland situated to the south and west of the village of Bickenhill on predominantly neutral soils overlying Keuper Marl.
Birches Barn Meadows SSSI	Birches Barn Meadows comprises two unimproved fields adjacent to the south bank of the River Anker. They are situated at the extreme north of Warwickshire near the town of Atherstone and have been managed as hay meadows since 1913. The meadows are on alluvium and overlie Keuper sandstone with ridge and furrow topography in part. The site supports a diverse sward dominated by meadow foxtail–great burnet <i>Alopecurus pratensis</i> – <i>Sanguisorba officinalis</i> communities, with 18 recorded grass species and a wide variety of herbs including pepper-saxifrage <i>Silaum silaus</i> and adder's-tongue <i>Ophioglossum vulgatum</i> . The meadows also

Designation and Site Name	Reason for Criteria
	support breeding populations of quail <i>Coturnix coturnix</i> and curlew <i>Numenius Arquata</i> .
Blisworth Rectory Farm Quarry SSSI	This well-known site exposes one of the most interesting White Limestone Formation (Bathonian) sections in the English Midlands. Geological SSSI.
Blow's Down SSSI	Blow's Down is part of the Lower Chalk escarpment situated to the southeast of Dunstable. A rich and varied site with a large area of open, unimproved grassland.
Boon's Quarry SSSI	This is a classic site which displays deeply weathered Precambrian Caldecote Volcanic Formation overlain unconformably by the conglomerates and sandstones of the lowest unit (Park Hill Member) of the late Precambrian to early Cambrian Hartshill Formation (Geological importance). Geological SSSI.
Brandon Marsh SSSI	Brandon Marsh is a diverse complex of flooded gravel pits, fen and scrub lying adjacent to the River Avon in central Warwickshire. The site has developed from an area of colliery subsidence and flooded meadows which was worked for sand and gravel creating additional pools and ditches. It is a good example of open water with surrounding fen which is an uncommon habitat in Warwickshire. Brandon Marsh is also of regional importance for several species of breeding and wintering birds, with regular breeders such as little ringed plover and kingfisher alongside significant populations of warblers, redshank <i>Tringa totanus</i> , and snipe
Bugbrooke Meadows SSSI	The site contains a group of low-lying meadows alongside the River Nene which have escaped drainage and improvement. They tend to flood in winter and often remain wet well into the growing season. As a result, they support a range of damp grassland communities which are remarkably diverse and rich in species. The SSSI is located adjacent to Hoarestone Brook, a tributary of the River Nene, which flows beneath the Grand Union Canal south of Bugbrooke.
Burbage Wood and Aston Firs SSSI	The site comprises one of the best remaining examples of ash-oak-maple woodland in Leicestershire and is representative of semi-natural woodland developed on the clays of eastern England.
Calcutt Locks Meadows SSSI	Calcutt Locks Meadows are three small unimproved fields, showing ridge and furrow topography, which lie beside the Grand Union Canal in the extreme east of Warwickshire. The hay meadows have developed on a heavy damp boulder clay soil, overlying Lias clays and the vegetation is a herb-rich community of the crested

Designation and Site Name	Reason for Criteria
	dog's-tail – common knapweed <i>Cynosurus cristatus</i> - <i>Centaurea nigra</i> type.
Cave's Inn Pits SSSI	The site contains some of the best remaining areas of neutral marsh in Leicestershire; this interest is supported by the presence of other wetland, scrub and grassland habitats. The marsh and open water habitats are representative of base-rich wetland communities in eastern and southern England.
Coleshill and Bannerly Pools SSSI	The site lies just to the south of Coleshill village on the eastern outskirts of Birmingham. It consists of two pools – Coleshill and Bannerly Pools – and an interjacent area, known as the Bogs, which together form the only valley mire system in Warwickshire. Coleshill Pool and the Bogs have formed on Pleistocene sands and gravels overlying Keuper Marl whereas Bannerly Pool lies on alluvial clay.
Combe Pool SSSI	Combe Pool lies in the grounds of Combe Abbey to the east of Coventry. The pool is fed by the Smite Brook and was created as part of an extensive landscape scheme designed by Capability Brown in the eighteenth century. The site includes the pool of 36 hectares, reed beds, and woodland. Combe Pool is one of the most important ornithological sites in Warwickshire for its herons <i>Ardea cinerea</i> , and other breeding birds, and for its wintering wildfowl.
Cowslip Meadow SSSI	Cowslip Meadow is a species-rich lowland meadow, which supports unimproved neutral grassland on river alluvium soils and a large population of great pignut <i>Bunium bulbocastanum</i> .
Dallow Downs and Winsdon Hill SSSI	Dallow Downs and Winsdon Hill is of special interest for its nationally important lowland calcareous grassland and population of great pignut <i>Bunium bulbocastanum</i> . The site features an ancient woodland, and mixed scrub, supporting a rich chalk downland flora including kidney vetch, dwarf thistle, and field scabious. It also provides habitat for a large population of slow-worm <i>Anguis fragilis</i> .
Deacon Hill SSSI	Deacon Hill is a remnant of chalk downland with a characteristic species rich, calcareous grassland flora. Many of the plants are now uncommon in the county. Nationally this is a habitat that has been greatly reduced both in extent and quality through agricultural improvement and changes in agricultural practice.
Double Arches Pit SSSI	This locality shows the best accessible exposure of Lower Greensand and Gault in the Leighton Buzzard area; an area celebrated for its outcrops of these rocks.

Designation and Site Name	Reason for Criteria
	The study of these Lower Cretaceous rock units locally has played an important part in the elucidation of sedimentary, fossil and environmental changes through time in the Cambridge-Bedford province, particularly during the <i>tardefurcata</i> and <i>mamillatum</i> zones. Geological SSSI.
Draycote Meadows SSSI	The site consists of two 'ridge and furrow' meadows lying on clay soils to the north of Draycote village. Generally, the northern meadow is cut for hay whilst the southern is used for summer grazing.
Dropshort Marsh SSSI	Dropshort Marsh represents a type of wetland habitat once common in South Bedfordshire where a series of springs issue at the junction of glacial gravels with the underlying impervious Oxford clay. The Marsh has a mosaic of vegetation associations merging into neutral grassland and the flora is rich with both marsh and meadow species. An unusual feature of the marsh is a small area of 'quaking bog'. The type of habitat, although widely distributed in lowland Britain has been greatly reduced both in extent and quality as a result of drainage and changes in agricultural practice.
Dunstable and Whipsnade Downs SSSI	A steep escarpment situated on the Middle Chalk, this site extends for three kilometres between Dunstable and Whipsnade. With a westerly aspect, the steep slopes support a typical chalk downland flora, a habitat greatly reduced in extent both within Bedfordshire and nationally. The site supports a rich calcareous grassland flora such as great pignut <i>Bunium bulbocastanum</i> , field fleawort <i>Senecio integrifolius</i> , and frog orchid <i>Coeloglossum viride</i> . The mosaic of open grassland and managed scrub also provides habitat for notable butterfly species.
Everdon Stubbs SSSI	This ancient woodland is of a type uncommon in the East Midlands and one of the few remaining examples in Northamptonshire. The site features a wide range of canopy types influenced by complex soil chemistry and drainage, including sessile oak, birch <i>Betula pendula</i> , rowan, hazel, and ash <i>Fraxinus excelsior</i> , with notable planted sweet chestnut <i>Castanea sativa</i> and sycamore <i>Acer pseudoplatanus</i> .
Fancott Woods and Meadows SSSI	Fancott meadows are mainly ancient ridge and furrow, exhibiting the characteristic species richness of unimproved neutral grassland traditionally managed for hay and grazing. Such grasslands are confined to the south of the country where they have been severely reduced by changes in agricultural practice. Part of the site is surrounded by a strip of semi-natural woodland

Designation and Site Name	Reason for Criteria
	with a varied ground flora and providing shelter for the meadow.
Flitwick Moor SSSI	Flitwick Moor is a remnant of a eutrophic (nutrient rich), valley mire and the largest area of wetland in Bedfordshire. Nationally this is a habitat that has become increasingly uncommon especially in southeast England where it is most characteristic. The moor is renowned for both its flora and rich invertebrate fauna.
Foxcote Reservoir and Wood SSSI	An unpolluted eutrophic freshwater reservoir of particular importance for overwintering wildfowl, surrounded by semi-improved meadows and bordered to the north by mixed deciduous woodland. The site regularly supports significant populations of shoveler duck <i>Spatula clypeata</i> and Bewick's swan <i>Cygnus Columbianus bewickii</i> , alongside breeding birds such as the kingfisher <i>Alcedo atthis</i> .
Galley and Warden Hills SSSI, LNR	Located on the northern edge of Luton and situated on the Middle Chalk with an overlying cap of clay-with-flints, this site supports areas of unimproved neutral and calcareous grassland with structural variety provided by scattered and dense scrub. It supports a characteristic downland flora, including many locally uncommon species and nationally rare plants.
Griff Hill Quarry SSSI	Griff Hill Quarry is an active quarry located 1 km north of Bedworth. The site boundary encompasses the working faces and an area of proposed quarry extension which is of key importance to facilitate further study at the site. Geological SSSI.
Herald Way Marsh SSSI	Herald Way Marsh lies to the east of Coventry on glacial sands and gravels overlaid by coal spoil. The site contains a range of wetland communities which are scarce in the county. They range from open water through swamp and fen to marsh, as well as areas of grassland, scrub and woodland. However, the site has been selected for its assemblage of invertebrates, a number of which are nationally rare.
High Wood and Meadow SSSI	High Wood is one of a localised group of ancient, semi-natural woodlands lying mainly on acid soils derived from Northampton Sands and Upper Lias clay.
Hoar Park Wood SSSI	Hoar Park Wood is situated 6 km south-west of Atherstone. It lies on sandy loams over clay derived from Keuper Marl on the side of a small valley. The site is ancient woodland and includes five types of woodland which are nationally restricted in their distribution. The

Designation and Site Name	Reason for Criteria
	site is home to a large Daubenton's bat <i>Myotis daubentonii</i> tree roost near the centre of the wood.
Houghton Regis Marl Lakes SSSI	Houghton Regis Marl Lakes have developed in a large disused quarry within the Lower Chalk north of Dunstable. The Lakes are an example of habitat type which is the rarest form of standing water in Britain confined to chalk or limestone areas with very few examples in southern England.
Howe Park Wood SSSI	Howe Park Wood is an ancient semi-natural woodland on the south-western outskirts of Milton Keynes. A number of surviving large ancient oaks <i>Quercus robur</i> and one ancient crab apple <i>Malus sylvestris</i> reflect the wood's past as a deer park.
Illing's Trenches SSSI	This site was the subject of detailed geological research in the early 20 th century and exposes a section through the Abbey Shales of the Cambrian period. Elsewhere these are only sparsely fossiliferous, but here they yield a rich and abundant assemblage of fossils, including over thirty species of <i>Agnostid trilobite</i> , numerous other trilobite species, brachiopods, sponge spicules and <i>Hyoliths sp.</i> Geological SSSI.
Ivinghoe Hills SSSI	Unimproved calcareous grassland, semi-natural woodland, scrub and more intensively used and improved grass and arable are contained within this, one of the largest biologically rich areas of chalk downland surviving in the Chiltern hills. Botanically and entomologically important, the grassland supports a wide range of species including several that are nationally rare.
Kendall's Meadow SSSI	A traditionally managed hay meadow with a diversity and richness of plant life unmatched in the southwest of the County, an area otherwise sparse in interest.
Kensworth Chalk Pit SSSI	This site provides the best Chalk Rock exposure in central England, a distinct band which forms a marker horizon in the late Cretaceous Period. The top surface of the Chalk Rock is extremely fossiliferous and has yielded many well preserved and rare specimens including ammonites. Geological SSSI.
Kings and Bakers Woods and Heaths SSSI	The site represents the largest area of woodland in Bedfordshire as well as remnants of lowland heath and acidic grassland. It lies on the Boulder Clay passing to Lower Greensand, producing an outstanding series of soil types ranging from slightly calcareous.
Kingsbury Brickworks SSSI	Kingsbury Brickworks is the best-known available site for showing the unconformable contact between the Upper Carboniferous Halesowen Formation (of late Westphalian

Designation and Site Name	Reason for Criteria
	D age) and the underlying Etruria Formation (of probable Westphalian C age). Geological SSSI.
Kingsbury Wood SSSI	Kingsbury Wood lies to the south of Tamworth on clay soils over glacial drift with small areas of calcareous clays that have developed over 'Spirorbis' limestone. The limestone was once worked for marling the nearby fields and the wood contains old workings on its western side. Lowland broadleaved, mixed and yew woodland. Kingsbury Wood is an ancient woodland, which is recorded in the Domesday Book and this together with its diverse bird breeding community accounts for the designation.
Mantles Heath SSSI	Mantles Heath is one of a localised group of ancient woodlands of a type uncommon in Northamptonshire, lying mainly on acid soils derived from Northampton Sands and Upper Lias clay. The western part of the site overlies calcareous and poorly-drained Boulder clay and has a contrasting vegetation.
Marston Thrift SSSI	Marston Thrift is an example of ash/maple woodland, characteristic of the heavy Oxford and Boulder Clays. It represents a habitat which has become increasingly scarce in Bedfordshire and over its natural range in lowland England.
Middleton Pool SSSI	Middleton Pool adjoins Middleton Hall and lies in the Tame Valley south of Tamworth. It is an artificial lake that was dug and landscaped in the sixteenth century and is fed by the Langley Brook. The site is important for its breeding birds.
Mill Crook SSSI	Mill Crook is a traditionally managed hay meadow situated on alluvial soils in the valley of the River Tove. The grassland is floristically diverse and an outstanding example of the meadow foxtail <i>Alopecurus pratensis</i> -great burnet <i>Sanguisorba officinalis</i> flood-meadow community type. Such neutral grassland is declining rapidly as a result of both agricultural changes and the extraction of river gravels present beneath alluvium, and is now very rare at both a national and county level. This site is the best of the few remaining species-rich hay meadows recorded from the Tove Valley.
Misterton Marshes SSSI	Misterton Marshes comprise one of the largest remaining blocks of unimproved wetland habitat in Leicestershire. Such areas are now scarce in the English lowlands as a result of drainage and changes in land use.
Napton Hill Quarry SSSI	Napton Hill exposes an important sequence of Upper Pliensbachian rocks. Geological SSSI.

Designation and Site Name	Reason for Criteria
Nares Gladley Marsh SSSI	Nares Gladley Marsh is situated on the alluvial deposits which overly the Lower Greensand in the valley of the River Ouzel in Bedfordshire, about 3 km north-west of Leighton Buzzard. A series of springs emerging from the Greensand form a complex of wet flushes surrounded by marshy grassland which have developed rich plant communities. These grade into unimproved acidic grassland on the drier slopes.
Nine Acres Pit SSSI	This locality shows a Lower Cretaceous section spanning the Aptian and Albian stages, including the finest development of Carstone and Shenley Limestone in the Leighton Buzzard area as well as superb exposures of dune bedding in the Upper Woburn Sands. Geological SSSI.
Oxley Mead SSSI	Oxley Mead is an ancient hay meadow located on the south-western edge of the City of Milton Keynes. The main plant community found here is of a nationally rare grassland type confined to the major river valleys of southern and central England.
Pitstone Hill SSSI	An area of chalk downland on a steeply sloping, west facing section of the Chiltern escarpment. The grassland on the steeper parts of the slope is very rich botanically and supports several locally and nationally uncommon plants. Small areas of improved pasture, mixed woodland and scrub are also present. The site is situated on Middle Chalk with very thin, poor soil on the steep slopes, but thicker, slightly richer soil on the top of the plateau.
Pitstone Quarry SSSI	This site provides a continuous exposure in Chiltern dip slope deposits of Middle and Upper Pleistocene age. Geological SSSI.
Poker's Pond Meadow SSSI	Pokers Pond Meadow is one of the last remaining fragments of ancient hay meadow to be found in the Vale of Aylesbury. The herb-rich dry grassland community which covers the majority of the field is of a type that is now rare in lowland Britain. It has only been maintained by continuous traditional management usually involving a late annual hay cut, followed by stock grazing, with no fertiliser or herbicide applications. Along the north-western edge of the meadow beside the stream there is a small area of marshy grassland that has evolved from the original site of the pond, in combination with impeded drainage.
Ramsden Corner Plantation SSSI	Ramsden Corner Plantation is an area of grassland, woodland and scrub developed over clay and Northampton Sand along a stream valley. The acidic grassland represents an example of a community type

Designation and Site Name	Reason for Criteria
	which is now rare in Northamptonshire and in Britain as a whole.
River Blythe SSSI	The 39 km stretch of the River Blythe, from the point at which Spring Brook exits from under the Stratford-upon-Avon to Birmingham railway line to its confluence with the River Tame, is a particularly fine example of a lowland river on clay.
Roade Cutting SSSI	Roade Cutting exhibits one of the most complete Bathonian (Middle Jurassic) sections in central Northamptonshire, potentially exhibiting complete Rutland Formation and White Limestone sections together with the basal Forest Marble (Blisworth Clay). Geological SSSI.
Ryton and Brandon Gravel Pits SSSI	These three sections provide important exposures which link the Quaternary fluvial sequence associated with the present drainage of the area (i.e. terraces of the River Avon) with an earlier system having no relationship to present topography. Geological SSSI.
Ryton Wood SSSI	Ryton Wood is an oak <i>Quercus robur</i> woodland lying on the Midland clays of central Warwickshire. It has been selected as a representative example of a lowland hazel-pedunculate oak <i>Corylus avellana</i> – <i>Quercus robur</i> woodland.
Salcey Forest SSSI	Salcey Forest is the largest ancient wood in Northamptonshire and is thus of particular importance for plants and animals dependent on continuity of woodland cover. The majority of the site, however, is commercially reafforested and the SSSI contains the greater part of the remaining 19th Century mature oak stands. These are an uncommon and extensive example of acid pedunculate oak-hazel-ash high forest, demonstrating a high degree of naturalness in structure and botanical composition.
Sheepy Fields SSSI	The site contains some of the best remaining examples of neutral grassland in Leicestershire and is representative of hay meadow plant communities developed on neutral soils in the English Midlands.
Smithcombe, Sharpenhoe and Sundon Hills SSSI	Between Sundon and Streatley, on the steep sinuous north-facing Lower Chalk escarpment are areas of unimproved calcareous grassland with a rich assemblage of characteristic plants. The natural process of habitat change is amply illustrated by the formation of species-rich scrub which merges into mature beech <i>Fagus sylvatica</i> woodland.

Designation and Site Name	Reason for Criteria
Stanford Park SSSI	The site contains the richest assemblage of lichens in Leicestershire. The diversity of lichen species is most unusual for a locality in central eastern England.
Stockton Railway Cutting and Quarry SSSI	Stockton Railway Cutting and Stockton Quarry are two neighbouring areas which lie on the limestone and calcareous clays of the Lower Lias in central Warwickshire. The railway cutting is a length of disused railway including a deep cutting grading into a shallow embankment with adjacent spoilbanks and a small abandoned limestone quarry. Stockton Quarry, which lies 250 m south of the railway spoilbanks is another disused limestone quarry with some large spoil heaps, and two deep pools that act as a reservoir for the local cement works. It is an important site for butterflies and supports a large number of lime-loving plants that are scarce and locally distributed in Warwickshire.
Sundon Chalk Quarry SSSI	Sundon Chalk Quarries are part of a large disused complex of chalk pits just to the west of Upper Sundon in Bedfordshire. Within the quarries is found a range of habitats including small areas of fen, lakes, chalk grassland, species-rich scrub and developing woodland. This variety of habitat has enabled a rich and varied insect fauna to develop making this one of the most important invertebrate sites in the county.
Sutton Park SSSI	Sutton Park lies some 10 km from the middle of Birmingham surrounded by the built-up areas of Sutton Coldfield and Walsall. It is essentially a tract of wild, unenclosed country within an urban area. It contains the largest and richest areas of ancient woodland, heath and wetland in the County.
Tebworth Marsh SSSI	One of the largest surviving base-rich marshes in the county, with a diverse community. This type of marshland, although widely distributed in Southern Britain, is nowhere common and has greatly diminished recently throughout its geographical range as a result of drainage and agricultural change.
Tilehill Wood SSSI	Tilehill Wood SSSI lies 5 km west of Coventry on a reddish, acidic, pebbly, clay till derived from the red marls and soft sandstones of the Tile Hill beds of the Upper Carboniferous. This site is one of the largest areas of semi-natural woodland remaining in the County. Fluctuating water-levels due to impeded drainage have influenced the overlying vegetation. This has resulted in small acidic pools and mires which add interest to the woodland.

Designation and Site Name	Reason for Criteria
Totternhoe Chalk Quarry SSSI	The site is situated on a north-west facing slope of the Chilterns escarpment which has been much quarried in the past. It supports species-rich unimproved chalk grassland which has close affinities with that of the nearby Totternhoe Knolls SSSI. The grassland includes a mosaic of plant associations related to the uneven terrain and variety of aspects.
Totternhoe Knolls SSSI, LNR	Totternhoe Knolls is a remnant of a chalk downland with characteristic species-rich calcareous grassland flora. Situated on a bluff of the lower chalk the site incorporates a Norman earthworks and old stone quarry workings.
Totternhoe Stone Pit SSSI	The phosphatic base of the Totternhoe Stone is exposed at this site. It consists of a lime mud containing phosphatic pebbles and a rich late Cretaceous deposit of shark teeth. Geological SSSI.
Tring Reservoirs SSSI	These four reservoirs are situated on the Lower Chalk at the foot of the Chilterns escarpment and, although artificial, are fed by natural springs. Water bodies on the chalk of south-east England are scarce, and these reservoirs shows typical characteristics of shallow marl lakes. The marginal vegetation is dominated by tall fen communities with some marshy grassland, both threatened and declining habitats in the county which support locally rare plant species. These habitats, together with the open water, represent an important area for breeding, passage and wintering birds, and for interesting invertebrate communities.
Warren Farm, Stewkley SSSI	The site lies close to the northern extremity of the southern Portlandian depositional basin and this is of considerable interest in palaeographic reconstruction. Geological SSSI.
Wavendon Heath Ponds SSSI	Wavendon Heath is located 2 km north-west of Woburn and is situated on the Lower Greensand ridge. The site includes several habitats including three ponds representing areas of acidic mire and supporting plant communities uncommon throughout eastern England, two meadows of unimproved and semi-improved acid grassland, and an area of damp birch woodland.
Whitacre Heath SSSI	Whitacre Heath lies on alluvial soils and glacial gravels in the flood plain of the River Tame and is one of a chain of water bodies created by gravel extraction. Notified for its wetland breeding birds.
Whittlewood Forest SSSI	The cluster of broadleaved woods between Whittlebury and Potterspury are the largest and least altered remnants of the once extensive Crown coppices of

Designation and Site Name	Reason for Criteria
	Whittlewood Forest. They comprise a discrete group of ancient semi-natural woodlands typical of the Midland clays, exhibiting a wide range of canopy structure.
Wolston Gravel Pit SSSI	Wolston Gravel Pit is the type-locality for the penultimate cold stage of the Pleistocene period in Britain, the Wolstonian. It is of prime importance as a standard reference locality for Pleistocene studies. Geological SSSI.
Woodlands Quarry SSSI	This disused quarry exposes a sequence of rocks laid down beneath the sea some 570 million years ago, during late Precambrian to early Cambrian times, and is of international significance because of the early Cambrian fossils which are found here. Geological SSSI.
Yardley Chase SSSI	The great variety of semi-natural habitat, diversity of associated species and large total area makes Yardley Chase one of the foremost sites for nature conservation in the East Midlands. Much of the site was originally a Norman Hunting Chase and is now woodland, pasture and parkland. More recently, military use over a large part has left a series of railway trackways, grassland glades and open pools. The value of these habitats, particularly for invertebrates, is enhanced by their long isolation from intensive agriculture and by their juxtapositions over a large area.
Local Nature Reserves	
Ashlawn Cutting LNR	Steep sided disused railway cutting consisting of limestone grassland with scrub. 24 butterfly species have been recorded including Common Blue <i>Polyommatus icarus</i> , Marbled White <i>Melanargia galathea</i> and Small Copper <i>Lycaena phlaeas</i> . Diverse sightings of birds. The site supports many plants normally associated with unimproved grassland and hay meadows and include Green Winged Orchid <i>Anacamptis morio</i> and Yellow Rattle <i>Rhinanthus minor</i> . The pools support frogs, toads and newts as well as dragonflies. The LNR is located next to both the River Avon and Clifton Brook. The Oxford Canal passes over these waterbodies along the Clifton and Avon Aqueduct to the north-east of Rugby.
Babbs Mill LNR	The site features varied landscapes including a lake, the meandering River Cole, wildflower-rich grasslands, and woodland habitats that support wildlife such as bats and owls.
Bedworth Sloughs LNR	Bedworth Sloughs LNR comprises a network of ponds, marshland, grassland, and scrub, forming an important refuge for a wide range of wildlife, including birds such as

Designation and Site Name	Reason for Criteria
	sedge warblers <i>Acrocephalus schoenobaenus</i> and reed warblers <i>Acrocephalus scirpaceus</i> , as well as amphibians and insects.
Beechcroft LNR	This site features grassland, plantation, old hedgerows and a pond, and forms part of a wider wildlife corridor and includes open space enhanced for biodiversity.
Blue Lagoon LNR	The lake, which is around 18 m deep, has exceptionally clean water and is rich in fish and other creatures. Around the Blue Lagoon natural colonisation of the spoil heaps has formed grassland and scrub woodland. The grassland is especially rich in plants and animals including some typical of chalk downland but very rare in North Bucks. The LNR is not connected to the canals.
Chelmsley Wood LNR	The reserve comprises ancient semi-natural woodland and a lake, offering valuable habitat for local wildlife and contributing to biodiversity in an urban setting.
Cock Robin Wood LNR	Cock Robin Wood supports a rich variety of wildlife, with its mix of mature trees, wildflowers, and shrubs providing valuable shelter and feeding opportunities for butterflies, birds such as robins <i>Erithacus rubecula</i> , blue tits <i>Cyanistes caeruleus</i> , blackbirds, and woodpeckers, as well as small mammals like hedgehogs and squirrels.
Cole Bank LNR	Located in Chelmsley Wood, the reserve features grassland, scrub, wetlands, and a section of the River Cole. Habitat improvements, including pond de-silting and riverbank re-profiling, have enhanced biodiversity and flood resilience.
Cole End LNR	A small suburban park along the River Cole, featuring mature wet woodland dominated by crack willow and hybrid black poplar, with scrub, tall herbs, planted native shrubs, and damp field layers, providing varied habitats.
Cottage Bottom Fields LNR	The steep chalk hills rising from the edges of Luton and Dunstable have allowed this site to retain grassland rich in wildlife and full of colour with areas of scrub providing shelter for birds and insects.
Daventry Country Park LNR	The Country Park is centred on the old Daventry Reservoir.
Galley Common LNR	Galleywood Common LNR covers 47 hectares of green space and comprises a diverse mosaic of habitats, including woodland, meadows, ponds, and lowland heath, providing an important refuge for pollinators and insects such as grasshoppers, butterflies, moths, and more.

Designation and Site Name	Reason for Criteria
Kettle brook LNR	The reserve comprises a diverse range of habitats including man-made lakes, wet woodland, scrub, semi-improved neutral grassland and Kettle Brook itself, alongside areas of landscaped parkland.
Kingfisher LNR	The site includes ancient woodland, wetland, ponds, man-made lakes, and grassland habitats. It supports species such as kingfisher, heron, water vole, mink, and otter, with Shard End and Babbs Mill lakes formed from quarry and flood management features.
Kingsbury Meadow LNR	Habitats include marshy and wet grassland and swamp to woodland and an important sedge bed of waist-high reeds. The sedge bed has two species that are important to Warwickshire - Brown sedge <i>Carex brunnescens</i> and Marsh horsetail <i>Equisetum palustre</i> .
Linnell Road LNR	This large area of over 26 acres consists of open grassland, scrub areas, mature trees, riverside, wetlands and a willow copse. Clifton Brook passes below the Oxford Canal. Linnell Road LNR is located downstream along Clifton Brook west of where it crosses the Oxford Canal.
Newbold Quarry Park LNR	A limestone quarry for the cement industry until the 1920s after which it was flooded and used as a top up reservoir for the adjacent Oxford Canal. A large quarry pool with a thriving population of native white clawed crayfish and toads. Limestone spoil heaps support many lime loving plants such as wild carrot <i>Daucus carota</i> and bee orchid <i>Ophrys apifera</i> . Invertebrates include a good range of butterflies including large and small skippers, common blue <i>Polyommatus icarus</i> and holly blue <i>Celastrina argiolus</i> . The SSSI is not connected to the canals.
Plantsbrook Reservoirs LNR	The site is comprised of old reservoirs and adjoining scrub, with woodland and grassland.
Smith's Wood LNR	Semi Natural Ancient Woodland.
Stoke Floods LNR	The reserve include wetland supporting an array of array of wetland plants and bird life in Coventry. Its largest pool attracts over 90 species of birds including breeding grebes <i>Podiceps sp</i> , warblers and water rail <i>Rallus aquaticus</i> . The lake is vital for overwintering birds including tufted duck <i>Aythya fuligula</i> , shoveler and snipe <i>Gallinago gallinago</i> . The pools support plants such as willow <i>Salix sp</i> , reed <i>Phragmites australis</i> , bulrush <i>Typha latifolia</i> and reed canary-grass <i>Phalaris arundinacea</i> . The northern woodland is dominated by sycamore and horse chestnut <i>Aesculus hippocastanum</i> and is valuable for songbirds such as tits and finches.

Designation and Site Name	Reason for Criteria
Storton's Pits LNR	The wetland areas at this reserve, located to the west of Northampton, supports rare insects and birds. 350 different invertebrates species have been recorded at this former gravel pit. Insects such as reed beetles <i>Donacia</i> sp. and water beetles can be found in open pools and wet ditches. Water birds supporter here include snipe, teal <i>Anas Crecca</i> , tufted duck and water rail.
Swift Valley LNR	The reserve includes lowland neutral grassland with pronounced ridge and furrow, hedgerows, woodland and wetland adjacent to River Swift and a disused canal. A very dense bird population exists especially around the pools. Birds include lapwing <i>Vanellus vanellus</i> , snipe <i>Gallinago gallinago</i> and song thrush <i>Turdus philomelos</i> . Dragonflies and damselflies are abundant and in 2004 the small red eyed damselfly <i>Erythromma viridulum</i> was recorded here for the first time in Warwickshire. The River Swift flows southwards below Oxford Canal. The disused canal connects adjacent to Swift Valley LNR connects downstream to the Oxford Canal.
Tiffield Pocket Park LNR	Tiffield Pocket Park is a linear park occupying a section of what was formerly the railway line to Towcester. The path is lined with trees and shrubs of blackthorn, hawthorn, crab-apple and ash, and a balancing pond next to the path has been restored.
Wyken Slough LNR	The reserve attracts wintering birds such as reed bunting <i>Emberiza schoeniclus</i> , meadow pipit <i>Anthus pratensis</i> and occasional snipe. Wyken Slough is one of the largest grassland areas in Coventry and forms the northern end of the Sowe Valley Green Corridor.
Yorks Wood LNR	An ancient oak-dominated woodland in Kingshurst, Solihull, supporting spring flora such as bluebells, wood anemone and celandine, and providing year-round habitat for birds including spotted woodpeckers and sparrowhawks.
National Nature Reserve	
King's Wood and Rushmere NNR	The reserve is an important area of ancient semi-natural woodland. In early mediaeval times it was part of the royal manorial estate of Leighton, hence the name 'King's Wood'. Part of Rushmere Country Park is included in the reserve. Main habitats include woodland, acid grassland and lowland heath.

3. Distances from the Proposed Development

- 3.1.1 **Table 3** breaks down the list of sites of nature conservation within the Study Area for each Part of the Proposed Development. As such, some sites will appear multiple times.
- 3.1.2 Distances for Parts 1a, 1b, 4a and 4b are provided relative to the Preliminary Order Limits. Parts 2 and 3 are measures from the Indicative Working Area.
- 3.1.3 The distances vary due to the level of design detail available for each Part, with more certainty in Parts 2 and 3 over the footprint of the Proposed Development. These distances will be revised in line with updated information for the ES.
- 3.1.4 Sites referred to as 'adjacent' are located outside and immediately next to the footprint of the works, as defined above.

Part 1a

- 3.1.5 Part 1a is measured from the Working Area, with reference to Figure 3-P1A-1: Part 1a Minworth Advanced Water Treatment Plant Indicative Layout Plan in PEI Report Volume 3.

Table 3: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 1a

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Statutory Sites		
Whitacre Heath SSSI	2.32	NE
River Blythe SSSI	2.74	SE
Middleton Pool SSSI	5.58	NE
Coleshill and Bannerly Pools SSSI	5.79	SE
Sutton Park SSSI	5.97	NW
Kingsbury Wood SSSI	6.85	NE
Kingsbury Brickworks SSSI	7.82	NE
Hoar Park Wood SSSI	7.96	NE
Bickenhill Meadows SSSI	9.36	SE
Plantsbrook Reservoirs LNR	2.01	SW
Smith's Wood LNR	2.19	S
Beechcroft LNR	2.43	SW
Cole End LNR	2.80	SE
Yorks Wood LNR	3.00	SW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Babbs Mill LNR	3.37	S
Kingfisher LNR	3.42	SW
Cole Bank LNR	3.63	S
Chelmsley Wood LNR	4.20	SE
<i>Non-Statutory Sites</i>		
River Tame LWS	0.05	S
Marsh Lane Grassland & Marsh LWS	0.41	SE
Water Orton Triangle LWS	0.58	SE
Coleshill Sewage Works Grassland LWS, Ecosite	0.58	SW
Coleshill Sludge Lagoons LWS	0.60	SW
Hams Hall Woodlands LWS	1.17	NE
Coleshill Park Belt LWS	1.68	SW
Wishaw Meadows LWS, Ecosite	1.88	NE
Dunton Wood LWS	1.96	NE
Minworth Sewage Works SINC/SLINC	Within	N/A
Birmingham & Fazeley Canal SLINC, pLWS	0.08	NW
Tame Valley SLINC	0.33	W
Water Orton Sidings SLINC	0.46	SW
Park Hall SINC	0.63	SW
Wiggins Hill Hedge SLINC	0.72	NW
Plants Brook Reservoirs SLINC	1.98	SW
Castle Vale Meadows cLWS	1.21	SW
Coleshill Road Ecosite	Within	N/A
River Thame (tetrad Q) Ecosite	0.04	S
Curdworth Paddocks Ecosite	0.06	NE
Curdworth Canal Cutting Ecosite	0.08	NW
River Thame (tetrad V) Ecosite	0.17	SE
Land at Water Orton Sid'gs by R. Tame Ecosite	0.21	SE
Pools at Marsh Lane Ecosite	0.28	SE
Purple Hairstreak Tree Ecosite	0.40	SE
Water Orton (M42 Site) Ecosite	0.41	SE
Curdworth Parish Church Ecosite	0.42	N
Sludge Beds Ecosite	0.60	SE
Verge at Ham's Lane Ecosite	0.70	NE
Wishaw Lane Meadows Ecosite	0.75	NE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Jack O Watton Rough Ground Ecosite	0.99	SE
Two veteran oaks Ecosite	1.04	SW
Birmingham and Frazeeley Canal Ecosite	1.60	NE
The Belt, The Catmore Ecosite	1.68	SE
Sych Wood (Hams Hall) Ecosite	1.75	NE
River Thames Ecosite	1.80	SE
Church Pit (Pool and Plantation) Ecosite	1.81	NE
Dunton Wood Ecosite	1.83	NE
Veteran Oak Ecosite, pLWS	1.93	SE
Water Orton Sidings pLWS	0.21	SE
Marsh Lane Pools pLWS	0.28	SE
Hams Hall Woodlands pLWS	1.21	NE

Part 1b

- 3.1.6 Part 1b is measured from the Preliminary Order Limits, with reference to Figure 3-P1B-1: Part 1b Minworth to Atherstone Pipeline Indicative Layout Plan in PEI Report, Volume 3.

Table 4: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 1b

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Statutory Sites		
Ensor's Pool SAC, SSSI	7.50	SE
Bentley Park Wood SSSI	Adjacent	NE
Whitacre Heath SSSI	Adjacent	N/A
Hoar Park Wood SSSI	1.70	SE
River Blythe SSSI	1.96	SE
Kingsbury Wood SSSI	2.27	NW
Woodlands Quarry SSSI	2.53	SE
Boon's Quarry SSSI	2.83	SE
Illing's Trenches SSSI	2.94	SE
Middleton Pool SSSI	4.38	NW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Birches Barn Meadows SSSI	4.41	N
Kingsbury Brickwork SSSI	4.70	NW
Sheepy Fields SSSI	5.52	NE
Coleshill and Bannerly Pools SSSI	5.84	SE
Alvecote Pools SSSI	6.73	NW
Sutton Park SSSI	7.63	NW
Kendall's Meadow SSSI	8.11	NE
Griff Hill Quarry SSSI	9.28	SE
Ashby Canal SSSI	9.90	NE
Bickenhill Meadows SSSI	9.92	S
Kingsbury Meadow LNR	2.05	NW
Cole End LNR	2.71	SE
Smiths Wood LNR	2.98	SW
Beechcroft LNR	3.82	SW
Plantsbrook Reservoirs LNR	3.89	W
Yorks Wood LNR	4.02	SW
Cole Bank LNR	4.10	S
Babbs Mill LNR	4.12	SW
Kingfisher LNR	4.57	SW
Kettle Brook LNR	4.71	NW
Chelmsley Wood LNR	4.79	SW
Galley Common LNR	4.91	SE
<i>Non-Statutory Sites</i>		
Lea Marston Lake LWS, Ecosite	Within	N/A
River Tame LWS, Ecosite	Within	N/A
Bentley Common LWS, Ecosite, pLWS	Adjacent	S
Captains Wood LWS, Ecosite	Adjacent	N/A
Drybrooks Wood LWS, Ecosite	Adjacent	N/A
Merevale Lake Woodlands LWS	Adjacent	N/A
Hams Hall Woodlands LWS, pLWS	0.01	SE
Rawn Hill LWS	0.03	SE
Wards Hill LWS	0.03	NW
Lea Marston Old Quarry LWS, Ecosite	0.10	NE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Flanders Hall Woodland LWS, Ecosite	0.13	NE
Purley and Mancetter Quarries LWS	0.18	SE
Quarries Wood LWS, Ecosite	0.21	SE
Dunton Wood LWS, Ecosite	0.25	NW
Baddesley Common LWS Ecosite	0.28	W
Merevale Park Grassland LWS	0.38	NE
Coleshill Sludge Lagoons LWS	0.43	SE
Baddesley Colliery Slopes LWS	0.45	W
Coton Pools LWS, Ecosite	0.46	NW
Mineral Railway Baddesley Ensor-Birch Coppice LWS	0.46	NW
Coleshill Sewage Works Grassland LWS, Ecosite	0.49	SE
Grendon Wood South LWS	0.49	NW
Lloyds Coppice LWS	0.51	SE
Marsh Lane Grassland & Marsh LWS	0.59	SE
Water Orton Triangle LWS	0.65	S
Ladywalk LWS, Ecosite	0.74	SE
The Bogs LWS	0.75	NW
Grendon Heath LWS	0.76	NW
Hogrills End Meadow LWS	1.02	SE
Quarry Farm Lane LWS	1.05	SE
Grendon Wood LWS	1.17	NW
Hogrills End Marsh LWS, Ecosite	1.18	SE
River Anker Meadows LWS, Ecosite	1.19	NE
Atherstone Coal Wharf LWS, Ecosite	1.20	NW
Ridge Lane Grassland LWS, Ecosite	1.27	S
Whitacre Flood Meadow LWS	1.37	SE
Kingsbury Rifle Range LWS, Ecosite	1.41	NW
Eyebright Meadow LWS, pLWS	1.54	SE
Batefield Wood LWS, pLWS	1.66	SE
Coopers Grove LWS, Ecosite	1.70	NW
Woolpack Route LWS, Ecosite	1.80	SE
North Wood LWS, Ecosite	1.87	NW
Hartshill Hayes Country Park LWS	1.90	SE
Birchley Wood LWS, Ecosite	1.91	SE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Shustoke Reservoir LWS, Ecosite	1.91	SE
Baddesley Spinney LWS	1.92	NW
White Hall Farm Pasture LWS	1.92	SE
Minworth Sewage Works SINC/SLINC	0.67	SW
Park Hall SINC	1.99	SW
Birmingham & Fazeley Canal SLINC, Ecosite, pLWS	0.89	NW
Tame Valley SLINC	1.65	SW
Wiggins Hill Hedge SLINC	1.71	NW
Water Orton Sidings SLINC	1.81	SW
Witherley, Field 608 South hedgerow cLWS	1.67	NE
Witherley, Field 609 South hedgerow cLWS	1.80	E
Mature Ash 1, Witherley cLWS	1.84	NE
Mature Ash 2, Witherley cLWS	1.85	NE
Hedgerow north of Witherley cLWS	1.91	NE
Kennel Farm hedgerow & tree cLWS	1.91	NE
Mature Ash 3, Witherley cLWS	1.98	NE
Baxterly Common Ecosite, pLWS	Within	N/A
Bentley Park Wood (Monks Park Wood) Ecosite	Within	N/A
Bentley Veteran Oak Ecosite	Within	N/A
Birmingham Road - Whitacre Heath, Roadside Verge Ecosite	Within	N/A
Colleshill Road Ecosite	Within	N/A
Colliery Farm Wood Ecosite	Within	N/A
Coton & Lea Marston Pools Ecosite	Within	N/A
Coventry Canal Ecosite, pLWS	Within	N/A
Curdworth Paddocks Ecosite	Within	N/A
Field N of Bentley Common Ecosite	Within	N/A
Haunch Lane – Verge Ecosite	Within	N/A
Lea Bridge - Road verge Ecosite	Within	N/A
Merevale Park Ecosite	Within	N/A
The Outwoods Ecosite, pLWS	Within	N/A
The Outwoods Golf Course Ecosite	Within	N/A
Verge at Ham's Lane Ecosite	Within	N/A
Whitacre Heath Ecosite	Adjacent	SW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Brookend Farm Meadow Ecosite, pLWS	Adjacent	N/A
Dexter Pit Ecosite	Adjacent	N/A
Fields and Wood adjacent to Coventry Canal Ecosite	Adjacent	NE
Fishing Pool Ecosite, pLWS	Adjacent	N/A
Wheatley's Wood Ecosite	Adjacent	N/A
Wood Ecosite, pLWS	Adjacent	N/A
Halloughton Hall Bridle Path Ecosite	0.04	SW
Forkend Pond Ecosite, pLWS	0.05	NW
Rawn Hill Mancetter Ecosite	0.06	SE
Drybrooks Farm Meadow Ecosite	0.09	NW
The Dumbels Ecosite, pLWS	0.10	SE
Sych Wood (Hams Hall) Ecosite	0.11	SE
Baxterley Park Ecosite	0.12	SW
Hams Lane Verge Ecosite	0.14	SW
Grassland east of Thorn Spinney Ecosite, pLWS	0.15	NW
Lindridge Stream Ecosite, pLWS	0.17	SE
Oldbury Reservoir, Mancetter & Purley Quarries Ecosite	0.18	SE
Purley Park & hillside meadows Ecosite	0.18	S
Woods North of Mancetter Quarries Ecosite, pLWS	0.21	SE
Simon de Blyth's Wood Ecosite	0.25	SE
River Thame (tetrad V) Ecosite	0.27	SE
Gnomon Wood Ecosite, pLWS	0.29	SE
Mineral Line Ecosite	0.29	W
Square Wood & Lloyd's Coppice Ecosite	0.31	SE
Church Pool Covert, Hams Hall Ecosite	0.34	SW
Pool near Nightingales Wood Ecosite	0.34	SE
Upper Coal Spinney Ecosite, pLWS	0.38	SE
Sludge Beds Ecosite	0.43	SE
Meadow Ecosite, pLWS	0.44	SE
Pools at Marsh Lane Ecosite	0.45	SW
Grendon Wood, Common & Heath Ecosite	0.49	NW
Whitacre Hall Area (Fishponds & Dogkennel Covert) Ecosite	0.50	SE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Merevale Lane Cutting Ecosite	0.54	NE
River Thame (tetrad Q) Ecosite	0.54	SW
Nightingales Wood Ecosite, pLWS	0.58	SE
Merevale Quarry Ecosite	0.59	NE
Water Orton (M42 Site) Ecosite	0.59	SW
Curdworth Parish Church Ecosite	0.61	NW
Rose Hill Farm mineral Line Ecosite	0.61	SE
Purple Hairstreak Tree Ecosite	0.62	SW
Drakenage Farm Reed Bed Ecosite	0.66	NW
Hay Meadow Ecosite, pLWS	0.66	SE
Waste Hill Lane Verge Ecosite	0.69	NE
River Anker Ecosite	0.72	NW
River Thame Ecosite	0.73	NW
Land at jn.of Coventry Canal & Purley Chase Ln. Ecosite	0.75	SE
Bratts Waste Ecosite	0.76	SW
Hurley Churchyard & detached Cemetery Ecosite	0.78	NW
Old Kingsbury Road – Verge Ecosite	0.79	NE
Steppy Lane Section Ecosite	0.84	SE
The Alders, Mancetter Bridge Ecosite	0.86	SE
Worthington Farm Track Ecosite	0.86	SE
Curdworth Canal Cutting Ecosite	0.89	NW
Baxterley Churchyard and Church Moat, Hipsley Lane Ecosite	0.98	NW
Jack O Watton Rough Ground Ecosite	0.98	SE
Nether Whitacre Churchyard Ecosite	1.12	SW
ALDI Warwehouse Gds & Atherstone Pool Ecosite	1.15	NW
Land at W Orton Sid'gs by R.Tame Ecosite	1.16	SW
A5, Wych Elm Hedgerow Ecosite	1.18	NW
Hedge Ecosite	1.23	SE
Kingsbury Water Park & Coton Pools Ecosite	1.31	NW
Wishaw Lane Meadows Ecosite	1.32	NW
Ash Spinney Ecosite	1.36	N
Big Rough and Ash Spinney Ecosite, pLWS	1.36	NW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Green Lane Verge Nr. Church End Ecosite	1.36	SE
Purley Chase Golf Course Ecosite, pLWS	1.36	SE
Disturbed Ground adjacent to River Thame Ecosite	1.37	SE
Oldbury Farm Pool Ecosite	1.37	SE
Cuttle Mill Pools Ecosite, pLWS	1.42	NW
Dismantled Railway Ecosite	1.45	SE
The Birchleys, now part of Bentley Park Wood SSSI Ecosite	1.45	SE
Grendon Fishing Pools Ecosite	1.46	NW
Butefield Wood extension Ecosite, pLWS	1.47	SE
Bradley Green Lane & Cut Throat Lane Ecosite	1.49	NE
Pond at Ridge Lane Ecosite	1.49	S
Whitacre Pool Ecosite, pLWS	1.53	SE
St Nicholas Churchyard Ecosite, pLWS	1.56	NW
Black Riding Wood and Paddock Ecosite, pLWS	1.60	NW
Butlers Wood Ecosite	1.61	SE
Common Barn Oldbury Ecosite	1.63	SE
Atherstone Meadows Ecosite	1.64	SE
High Batefield Wood Ecosite	1.66	SE
Ironstone Wood / Slack's Wood Ecosite	1.69	S
Low Batefield Wood Ecosite	1.69	SE
Hoar Park Wood Ecosite	1.70	SE
Sparrowdale Wood Ecosite, pLWS	1.75	NE
River Cole Ecosite, pLWS	1.79	SE
Hartshill Hayes (part SSSI-Illing's Trenches) Ecosite	1.85	SE
Lower Ridings Wood Ecosite, pLWS	1.86	NW
Speedwell Pit Wood Ecosite, pLWS	1.86	NW
Moxhull Park and Lakes (The Belfry) Ecosite	1.87	NW
Stream Ecosite, pLWS	1.90	SE
Yardley Pool Nature Reserve Ecosite	1.92	SE
Veteran Oak Ecosite, pLWS	1.97	SE
Hogrills End Lane Ecosite	1.98	SE
Lea Bridge Pools pLWS	Within	N/A
Monks Park Wood and Bratts Waste pLWS	Within	N/A

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Small Field pLWS	Within	N/A
Drybrooks Farm Meadow pLWS	0.09	SE
Pump House Wood pLWS	0.14	SW
Grassland Strip pLWS	0.22	NE
Whitacre Hall pLWS	0.24	SE
North Lloyds Coppice pLWS	0.30	SE
Black Pool & Abbey Pool pLWS	0.36	SE
Purley Park pLWS	0.36	S
Meadows pLWS	0.44	S
Marsh Lane Pools pLWS	0.45	SW
Baddesley Colliery Slopes Extension pLWS	0.46	NW
Bentley Park Wood West pLWS	0.50	S
Extension to Lea Marston Old Quarry pLWS	0.57	NE
Legion's Wood pLWS	0.57	NW
Musk Thistle Field pLWS	0.69	NW
Railway Wood pLWS	0.89	NE
Mancetter Quarry pLWS	1.04	SE
River Anker pLWS	1.12	SE
Water Orton Sidings pLWS	1.16	SW
Stoneleigh Quarry Farm Pools Hedge pLWS	1.24	SE
Kingsbury Wetlands (Water Park) pLWS	1.31	NW
Wetherley Hall pond pLWS	1.36	NE
River Anker Meadows, (possible extension to SINC) pLWS	1.44	NE
Disused Railway & Sidings pLWS	1.48	SE
Grendon Green Lane pLWS	1.50	NE
Brooklands Farm Meadow pLWS	1.62	SE
Ladywood and Ironstone Wood pLWS	1.69	S
Mythe Lane hedgerow pLWS	1.70	NE
Mythe Lane hedgerow 2 pLWS	1.79	NE
Whitacre Junction Meadow pLWS	1.81	SE
White Gate hedgerow pLWS	1.83	NE
Wetherley hedgerow pLWS	1.96	E

Part 2

- 3.1.7 Part 2 is measured from the Working Area, with reference to Figure 3-P2&3-1: Parts 2 & 3 Canal Network and Daventry and Drayton Reservoirs Indicative Layout Plans, in PEI Report, Volume 3.

Table 5: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 2

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Statutory Sites		
Upper Nene Valley Gravel Pits Ramsar, SPA	10.35	NE
Ensor's Pool SAC, SSSI, LNR	0.97	SW
Woodlands Quarry SSSI	0.45	S
Boon's Quarry SSSI	0.47	S
Bugbrooke Meadows SSSI	0.73	NE
Illing's Trenches SSSI	0.92	S
Bentley Park Wood SSSI	1.47	SW
Roade Cutting SSSI	2.01	NE
Griff Hill Quarry SSSI	2.08	SE
Ramsden Corner Plantation SSSI	2.64	SW
Combe Pool SSSI	2.73	SW
Mill Crook SSSI	3.08	SE
Everdon Stubbs SSSI	3.46	SW
Cave's Inn Pits SSSI	3.52	NE
Blisworth Rectory Farm Quarry SSSI	3.83	NW
Whittlewood Forest SSSI	4.15	W
Wavendon Heath Ponds SSSI	4.38	E
Howe Park Wood SSSI	4.48	SW
Birches Barn Meadows SSSI	4.89	NW
Mantles Heath SSSI	5.00	SW
Kings and Bakers Woods and Heaths SSSI	5.14	SE
Salcey Forest SSSI	5.21	NE
Hoar Park Wood SSSI	5.25	SW
Wolston Gravel Pit SSSI	5.25	SW
Sheepy Fields SSSI	5.51	NE
Oxley Mead SSSI	5.68	SW
Herald Way Marsh SSSI	5.79	S

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
High Wood and Meadow SSSI	5.84	SW
Badby Wood SSSI	5.94	SW
Poker's Pond Meadow SSSI	6.00	SW
Ryton and Brandon Gravel Pits SSSI	6.12	SW
Brandon Marsh SSSI	6.19	SW
Kendall's Meadow SSSI	6.19	NE
Stanford Park SSSI	6.23	NE
Nares Gladley Marsh SSSI	6.57	SE
Kingsbury Wood SSSI	6.65	W
Double Arches Pit SSSI	7.08	SE
Draycote Meadows SSSI	7.08	SW
Calcutt Locks Meadows SSSI	7.60	SW
Alvecote Pools SSSI	7.79	NW
Nine Acres Pit SSSI	8.15	SE
Ryton Wood SSSI	8.43	SW
Kingsbury Brickworks SSSI	8.63	NW
Foxcote Reservoir and Wood SSSI	8.65	SW
Misterton Marshes SSSI	8.94	NE
Tilehill Wood SSSI	8.95	SW
Napton Hill Quarry SSSI	9.29	SW
Burbage Wood and Aston Firs SSSI	9.34	NE
Stockton Railway Cutting and Quarry SSSI	9.34	SW
Yardley Chase SSSI	9.82	NE
Ashby Canal SSSI	9.88	NE
Wyken Slough LNR	Within	N/A
Linnell Road LNR	0.28	SW
Swift Valley LNR	0.31	NW
Daventry Country Park LNR	0.72	SW
Newbold Quarry Park LNR	0.79	SE
Ashlawn Cutting LNR	0.83	SE
Blue Lagoon LNR	1.87	SW
Galley Common LNR	2.08	W
Bedworth Sloughs LNR	2.50	NW
Stoke Floods LNR	3.81	S

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Cock Robin Wood LNR	4.48	SW
Tiffield Pocket Park LNR	4.72	NW
Non-Statutory Sites		
All Oaks Wood LWS	Within	N/A
Allans Meadow LWS	Within	N/A
Coventry B Supergrid LWS, Ecosite, pLWS	Within	N/A
Coventry Canal LWS, Ecosite, pLWS	Within	N/A
Hartshill Lagoons LWS	Within	N/A
Hawkesbury Spinney and Old Tip LWS	Within	N/A
Hillmorton Canal Meadows LWS	Within	N/A
Hillmorton Marsh LWS, Ecosite, pLWS	Within	N/A
River Avon and Tributaries LWS, Ecosite	Within	N/A
Stoke Bruerne Brickpits LWS	Within	N/A
Wyken Slough LWS, Ecosite	Within	N/A
Boons Wharf LWS	Adjacent	N/A
Judkins Quarry LWS	Adjacent	N/A
Rawn Hill LWS	Adjacent	N/A
Weedon A5 Field LWS	Adjacent	SE
Jees Quarry LWS	0.01	SW
Lentons Lane Swamp LWS, Ecosite	0.04	SE
White Hall Farm East Pasture LWS	0.04	SW
Jees Mount LWS	0.07	SW
Brinklow Castle LWS	0.09	W
Lentons Lane Tip LWS	0.10	SE
Windmill Hill LWS	0.11	NW
Swinnel Copse and Meadow LWS	0.12	NE
Quarry Farm Lane LWS	0.15	SW
Home Farm Grasslands LWS	0.16	SE
Caldecote Lake LWS	0.17	NE
Hopsford Hall Pastures LWS	0.18	NE
Weedon Depot Canal LWS	0.20	SW
Weddington Country Walk LWS	0.21	NE
Woodlands Quarry LWS, Ecosite	0.22	SW
Mount Farm Lake LWS	0.25	NW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Hillmorton Ballast Pit LWS, Ecosite	0.27	S
Bluebell Walk LWS	0.28	SW
Sowbridge Bottom Meadow LWS	0.28	W
Manor Farm Meadows LWS	0.28	W
Wards Hill LWS	0.29	SW
White Hall Farm Pasture LWS	0.30	SW
Swift Valley Meadows LWS	0.31	NW
Holly Stitches Dell LWS	0.31	NW
Quarries Wood LWS, Ecosite	0.33	SW
Weddington Meadows LWS	0.35	NE
Stoke Park Wood LWS	0.35	SW
Whittleford Park and Barpool Valley LWS	0.37	NW
Town Thorns Wood LWS, Ecosite	0.37	NE
Thrupp Covert LWS	0.37	NE
Poor's Piece LWS, Ecosite	0.38	SW
Hartshill Hayes Country Park LWS	0.38	SW
Brinklow Disused Canal Pool LWS	0.41	SW
Newbold Lime Works LWS	0.41	SW
Dogsmouth Brook Meadow LWS	0.43	SW
Abbey Field LWS	0.45	SE
Merevale Lake Woodlands LWS	0.46	SW
Cosgrove Priory Mill Stream LWS	0.46	NE
Purley and Mancetter Quarries LWS	0.51	SW
Daventry Reservoir & Country Park LWS	0.53	SW
High Wood LWS, Ecosite	0.57	SW
Weedon Marsh LWS	0.57	SW
Cosgrove Quarry LWS	0.58	NW
Grand Union Canal - Welton LWS	0.60	NW
Eyebright Meadow LWS, pLWS	0.68	SW
Bayton Road Lakes LWS	0.68	NE
Hinckley Road Disused Railway LWS, Ecosite	0.68	SE
Rugby Leicester Disused Railway LWS	0.73	SW
Red Banks LWS	0.73	SW
Stoke Park Fishponds LWS	0.77	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Newbold Quarry Park LWS	0.79	SE
Snow Hill Woodland LWS	0.81	SW
St George's Way LWS	0.81	SE
Great Central Walk North LWS	0.82	SE
Ensors Pool Corridor LWS	0.83	SW
Stoke Park Pavilions Woodland LWS	0.84	SW
Hartshill Castle LWS	0.88	NW
Oxford Canal (North) LWS	0.92	SE
River Anker Meadows LWS, Ecosite	0.95	NE
Dovecote Meadow LWS	1.01	NE
Merevale Park Grassland LWS	1.06	SW
Bragborough Hole LWS	1.06	NE
Longford Nature Park LWS	1.09	SW
Atherstone Coal Wharf LWS, Ecosite	1.10	NW
Kilsby Lane Meadow LWS, Ecosite	1.11	SW
Anker Mills LWS	1.13	NE
Dog Kennel Spinney LWS	1.16	NE
Woodway Grange Moat LWS	1.16	SW
Bragborough Meadows LWS	1.19	NE
Grand Union Canal - Navigation Inn LWS	1.20	NW
Malpass Quarry LWS	1.21	SE
Grand Union Canal - Bugbrooke LWS	1.24	SE
Potters Green Mineral Line LWS	1.25	SW
Roade Quarry LWS	1.27	NE
Griff Hollow Quarry LWS	1.31	SE
Nuneaton Common LWS	1.34	SW
Hill Park Wood LWS, Ecosite	1.37	SW
Bermuda Clay Pits LWS	1.37	SW
Black Bank Meadow LWS	1.39	N
Bassford Bridge Meadow LWS	1.42	NW
Foleshill Gasworks and Three Spires Sidings LWS	1.44	W
Bermuda Balancing Lake LWS	1.45	SW
Woodhill Plantation LWS	1.46	SW
Griff Hollow LWS	1.53	SE

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Purcell Road Meadow LWS	1.55	SW
Stowe Old Hedges LWS	1.59	SW
Stowe Wood LWS	1.59	SW
The Shuntings LWS	1.59	SW
Parkfield Road Quarry LWS	1.60	SE
Sowe Valley Wyken Croft to Ansty Road LWS	1.63	SW
Conery Spinney LWS	1.63	NE
Coton Park Pool LWS, Ecosite	1.66	NE
Wem Brook Meadow LWS	1.66	SE
Rugby Radio Station A5 Meadows LWS	1.68	NE
Little Wood LWS	1.69	SW
Arbury Park North LWS	1.70	SW
Wyken Croft LWS	1.71	SW
Great Central Walk South LWS	1.72	SE
Arbury Rough LWS, Ecosite, pLWS	1.73	SW
Grand Union Canal - Watford LWS	1.77	NW
Nun Wood LWS	1.79	NW
Borough Hill Field LWS	1.83	SE
Blue Lagoon LWS	1.83	SW
Lime Kilns LWS	1.86	S
Roade Field LWS	1.90	NE
Frensham Drive Grassland LWS	1.93	SW
Waterhall Park LWS	1.96	SW
Grand Union Canal, Fenny Stratford to Water Eaton BNS	0.07	S
River Ouzel, Sparks Meadow to west of Eaton Mill BNS	0.98	S
River Ouzel, Simpson Bridge BNS	1.08	NE
Downs Covert BNS	1.89	SE
Witherley, Field 608 South hedgerow cLWS	1.37	NE
Witherley, Field 609 South hedgerow cLWS	1.47	NE
Mature Ash 1, Witherley cLWS	1.57	NE
Mature Ash 2, Witherley cLWS	1.58	NE
Kennel Farm hedgerow & tree cLWS	1.65	NE
Hedgerow north of Witherley cLWS	1.66	NE

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Mature Ash 3, Witherley cLWS	1.72	NE
Brapool Brook next to Midland Quarry Ecosite	Within	N/A
Caldecote Hill Ecosite	Within	N/A
Canal Arm and Field Ecosite, pLWS	Within	N/A
Cathiron Lane Ecosite	Within	N/A
Cosford Old Canal Ecosite, pLWS	Within	N/A
Coventry Power Station (former) Ecosite	Within	N/A
Disused Canal Arm, Newbold on Avon Ecosite	Within	N/A
Fields and Wood adjacent to Coventry Canal Ecosite	Within	N/A
Grassland near Hillmorton Locks Ecosite, pLWS	Within	N/A
Hartshill Quarries Ecosite, pLWS	Within	N/A
Hawkesbury Hall pond and wood Ecosite	Within	N/A
Hilmorton Grasslands Ecosite	Within	N/A
Island Spinney Ecosite	Within	N/A
Judkins Extension Quarry (Landfilled) Ecosite	Within	N/A
Land at jn.of Coventry Canal & Purley Chase Ln. Ecosite	Within	N/A
Lentons Lane Farm Ecosite	Within	N/A
London to Birmingham Mainline Ecosite	Within	N/A
Midland Quarry Ecosite	Within	N/A
Nettle Hill Ecosite, pLWS	Within	N/A
Oxford Canal and Nettle Hill Ecosite	Within	N/A
Oxford Canal Ecosite, pLWS	Within	N/A
Oxford Canal W of A426 Ecosite	Within	N/A
Oxford Canal: A426 to Hillmorton Ecosite	Within	N/A
Oxford Canal: Hilmorton to B4038 Ecosite	Within	N/A
Plantation Mound & Grassland Ecosite	Within	N/A
Railway Ecosite, pLWS	Within	N/A
Railway Line (B'ham to Nuneaton) includes many sites Ecosite	Within	N/A
Rugby Radio Mast Site Ecosite	Within	N/A
Smite Brook, headwaters and tributaries. Tributary of the River Sowe. Ecosite	Within	N/A
Sowe Common Ecosite	Within	N/A
Stretton Wharf & Bloore's Spinney Ecosite	Within	N/A

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
The Alders, Mancetter Bridge Ecosite	Within	N/A
Tuttle Hill Quarries Ecosite	Within	N/A
Unnamed Watercourse, tributary of the River Sowe Ecosite	Within	N/A
Waste Land at Hawkesbury Ecosite	Within	N/A
Windmill Hill Quarry Ecosite	Within	N/A
Withybrook, headwaters and tributaries. Tributary of the River Sowe. Ecosite	Within	N/A
Woods North of Mancetter Quarries Ecosite, pLWS	Within	N/A
Clifton Brook Ecosite	Adjacent	N/A
Dutton Road Ecosite	Adjacent	N/A
Hillmorton Churchyard Ecosite	Adjacent	W
Land adj. to Hawkesbury Colliery Farm Ecosite	Adjacent	NW
Rawn Hill Mancetter Ecosite	Adjacent	S
Spring Wood Ecosite	Adjacent	NW
The Outwoods Golf Course Ecosite	Adjacent	N/A
All Oaks Wood and Cattles Covert Ecosite	0.01	SW
Rose Hill Farm mineral Line Ecosite	0.01	NW
Wolfhampcote Churchyard Ecosite	0.01	SW
Worthington Farm Track Ecosite	0.02	SE
Railway Line - Rugby to Tamworth Ecosite	0.04	NE
Stone Brideg Playing Field Pond Ecosite	0.05	NW
Waste Land, Grange Road Ecosite	0.05	SW
Land off Lenton's Lane Swamp Ecosite	0.06	S
Waste Lane Abbey Junction Ecosite	0.06	SE
Ashby Railway Line (Weddington Country Walk) Ecosite	0.09	SE
Brinklow Motte and Bailey Ecosite	0.09	W
Grange Farm Ecosite	0.09	SW
Woodland & Allotments near Anstey Hall Hotel Ecosite, pLWS	0.09	NW
Grassland east of Thorn Spinney Ecosite, pLWS	0.10	NE
Purley Park & hillside meadows Ecosite	0.11	NW
Shrubland, Caldecote Hill Ecosite	0.11	NW
Steppy Lane Section Ecosite	0.11	NW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Walsgrave Cemetery Ecosite	0.16	SW
Ansty Churchyard (St James) Ecosite	0.17	NW
Cattle Covert Ecosite	0.18	SE
Hops Ford Hall Meadows Ecosite	0.18	NE
Apple Pie Lane Meadow Ecosite, pLWS	0.20	SE
Brownsover Churchyard Ecosite	0.22	NE
Manor Court Ecosite	0.22	SE
Nuneaton to Rugby railway Ecosite	0.23	NE
The Outwoods - Merevale Park Ecosite	0.23	W
Merevale Park Ecosite	0.24	SW
Oxbow Lakes, Weddington Fields, River Anker Ecosite	0.24	NE
River Swift Ecosite, pLWS	0.24	SW
Newbold on Avon Churchyard Ecosite	0.26	SE
River Sowe Ecosite, pLWS	0.27	SW
Abbots Farm Ecosite, pLWS	0.28	SW
Brinklow Meadows Ecosite, pLWS	0.29	W
Cathiron Spinneys Ecosite, pLWS	0.29	NE
The Revel C.E. Primary School Ecosite	0.30	NW
River Swift including Swift Valley Nature Reserve Ecosite	0.31	NW
Copse next to River Anker Ecosite	0.32	N
Oldbury Reservoir, Mancetter & Purley Quarries Ecosite	0.33	SW
River Anker Ecosite, pLWS	0.33	NE
Hartshill Sewage Works Ecosite, pLWS	0.34	NE
Hedge Ecosite	0.34	SE
The Elms Farm Ecosite	0.34	SE
Willow Road Dell & Holly Stitches Dell Ecosite	0.34	NW
River Avon Ecosite	0.35	SE
Weddington Valley Meadows Ecosite	0.36	NE
Barpool Valley & Bucks Hill Claypit Ecosite	0.37	NW
Pit at Hawkesbury Hall Farm Ecosite	0.37	NE
Hartshill Hayes (part SSSI-Illing's Trenches) Ecosite	0.38	SW
Windmill Corner Quarry Ecosite	0.38	SW
Grassland adjacent to Woodlands Quarry Ecosite	0.40	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Brinklow Pool Ecosite	0.41	SW
Newbold Old Lime Works (Newbold Tip) Ecosite	0.41	SW
Newbold Revel Ecosite	0.42	SE
St. Mary's Abbey, Nuneaton Ecosite	0.45	SE
The Moors Ecosite	0.46	NE
Woodland near Caldecote Ecosite	0.50	NE
Yardley Pool Nature Reserve Ecosite	0.50	SW
Newbold Road Spinney Ecosite	0.51	SE
Sandon Park Woodlands Ecosite	0.52	E
Moat near Stonebridge Ecosite	0.54	NE
Wood Ecosite, pLWS	0.55	N
Fennis Fields Ecosite	0.56	SW
Wigston Road Ecosite	0.56	S
Humpty Dumpty Fields Ecosite, pLWS	0.60	SE
Nuneaton Churchyard RC -- Our Lady of the Angels Ecosite	0.60	E
Shilton Churchyard (St Andrew) Ecosite	0.60	NE
Mobbs Wood Ecosite	0.61	NE
Sowe Fields Farm Ponds x3 Ecosite	0.62	NE
Almond Tree Avenue Ecosite	0.63	SW
Atherstone Meadows Ecosite	0.63	NE
Land off Brownsover Road/Cosford Road, Rugby Ecosite	0.63	SE
Avon Mill Field Ecosite	0.64	SW
Gorse Valley Camp Hill Ecosite	0.64	NW
Marsh off Blackhorse Road Ecosite	0.64	NW
Riversley Park Ecosite	0.64	NE
Riversley Park Railway Embankment Ecosite	0.65	SE
Foxford Canal field Ecosite	0.66	SW
Stubbs Pool Ecosite	0.66	SW
Common Barn Oldbury Ecosite	0.70	NW
Shilton Lane Ecosite	0.71	NE
Chilvers Coton Cutting Ecosite	0.72	SE
Cleaver Park Sports Ground Ecosite	0.73	SE
Former Pit, Cumberland Drive Ecosite	0.73	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Railway Rugby to Willey Ecosite	0.73	SW
Old Cross Fields Ecosite, pLWS	0.76	SW
Anker Tunnels Ecosite	0.77	SE
Dismantled Railway Rugby to Willey Ecosite	0.77	SW
Haunchwood Ecosite	0.77	W
Upper Coal Spinney Ecosite, pLWS	0.78	SW
Chilvers Coton Churchyard Ecosite	0.79	SE
Newbold Quarry Pool Ecosite	0.79	SE
Disused Railway Ecosite, pLWS	0.81	SE
Snowhill Wood, Hartshill Ecosite	0.81	SW
River Leam Ecosite, pLWS	0.82	SW
Lingmoor Park Ecosite	0.83	SW
Marsh off St. Georges Way Ecosite	0.83	SE
Paradise Farm Ecosite, pLWS	0.83	SW
Rose's Spinney Ecosite, pLWS	0.83	SW
Harborough Magna Churchyard and Cemetery Ecosite	0.84	NE
Stoneywood Road Ecosite	0.84	S
Vale View / Marsh & Grassland off Haunchwood Road Ecosite	0.85	SW
Hawkesbury Farm Pool Ecosite	0.86	N
Clifton Meadows, adj. to R. Avon Ecosite	0.88	SE
Rear of Westbury Road Ecosite	0.88	SW
Bermuda Disused Mineral Line Ecosite	0.89	SW
Hillmorton Sand Pits Ecosite	0.90	SE
Coronation Walk Ecosite	0.91	E
Bentley Park Wood (Monks Park Wood) Ecosite	0.92	SW
Cardinal Wiseman School Ecosite	0.92	SW
Mill Gardens Floodplain Ecosite	0.93	SE
Barnacle Hall Farm Ponds x3 Ecosite	0.95	NW
Caldecote Hall and Gorse Ecosite	0.95	NE
Gorsy Way Ecosite	0.95	NW
Nuneaton Parish Churchyard Ecosite	0.95	NE
Wem Brook and meadow Ecosite	0.95	E
Blind end of Wilson's Lane Ecosite	0.98	NW
Heath End Farm Meadows Ecosite, pLWS	0.99	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Ensor's Pool Ecosite	1.00	SW
Elmhurst Farm Ecosite	1.02	NE
Marsh off Bayton Road (Ind. Estate) Ecosite	1.02	NW
Brown's Spinney Ecosite	1.03	SW
Coalpit Fields Canal Arm Ecosite	1.03	N
Horeston Grange (flood relief channel) Ecosite	1.03	SE
ALDI Warwehouse Gds & Atherstone Pool Ecosite	1.05	NW
Ryders Hill Ecosite	1.05	SW
A5, Wych Elm Hedgerow Ecosite	1.07	NW
Victoria Quarry Rugby Portland Cement Co Ecosite	1.08	SE
Longford Sidings Ecosite	1.10	SW
Newton Meadows, adj. to R. Avon Ecosite	1.10	SE
Woodway Grange Ecosite	1.10	SW
Anker Mill Site Ecosite	1.13	NE
Area North of Bermuda Balancing Lake Ecosite	1.13	S
River Sowe and tributaries Ecosite	1.13	SW
Woodhill Farm Meadow Ecosite	1.13	SW
Craven Colliery Ecosite	1.14	SW
Chapel Wood and Barnaby's Spinney Ecosite, pLWS	1.16	SW
Field Ecosite	1.16	SW
Land nr Horeston Grange & Railway Ecosite	1.16	NE
Wem Brook Ecosite	1.16	NW
Newbold Sewage Works & Disused Allotments Ecosite	1.17	SE
Weston Hayes Farm Ponds x2 Ecosite	1.17	NE
Moorwood Quarry Ecosite, pLWS	1.18	SW
Stretton-under-Fosse Orchid Site Ecosite	1.18	NE
Disused Central Railway from B5414 to Clifton Junction Ecosite	1.19	NW
Griff Railway Cutting Ecosite	1.21	SE
Longford Tip Ecosite	1.21	W
Dismantled Railway Rugby to Leamington Ecosite	1.22	SW
Moat House Park (boundary dispute) Ecosite	1.22	NW
Kenilworth Farm Pastures Ecosite	1.23	NE
Bell Green Wildlife Garden Ecosite	1.25	SW
Rains Brook and tributaries Ecosite	1.26	SE

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Kings Newnham Quarry Ecosite, pLWS	1.28	SW
Parkfield Road Verge Ecosite	1.30	SE
Griff Granite Quarry No 1 Ecosite	1.31	SE
Pools at Wolfhampcote Hall Ecosite, pLWS	1.32	SW
Holy Trinity Churchyard Ecosite	1.33	SE
Meadow at Bucks Hill Ecosite	1.34	SW
London to birmingham Mainline Railway Ecosite	1.35	SW
Purley Chase Golf Course Ecosite, pLWS	1.35	SW
Sow Brook Ecosite	1.35	S
Hopsford Meadows Ecosite, pLWS	1.36	NE
Blue Lagoon & Bermuda Village Ecosite	1.37	SW
Mineral Railway, Heath Rd, New digate Ecosite	1.38	N
Black Bank Walk, Coalpit Fields Ecosite	1.39	N
Orton Farm Wood Ecosite	1.40	NW
Newnham Hall's Mill Pools Ecosite, pLWS	1.44	SW
Tutbury Lane, intersecting bridleway & R&F meadow Ecosite	1.44	SW
Gas Works - Foleshill Ecosite	1.45	W
Disused Railway GCR south from junction Ecosite	1.46	W
Spare Cemetery Land, Nuneaton Common Ecosite	1.47	SW
Moorwood Railway Cutting Ecosite	1.48	SW
The Grove, Exhall Ecosite	1.49	NW
Long Lawford Orchard & Churchyards Ecosite	1.50	SW
Bucks Hill Cemetery + Chapel End Congregational Ecosite	1.51	SW
Griff Hollow Canal Arm & Gorsey Knob Ecosite	1.51	S
Disused Railway GCR near Willoughby Viaduct Ecosite	1.52	NW
Miners' welfare Park, Bedworth Ecosite	1.53	N
Black Bank Pool Bedworth Ecosite	1.54	NW
Rowleys Green Open Space Ecosite	1.54	SW
Bratts Waste Ecosite	1.55	SW
Clifton Spinney Ecosite	1.55	NW
Coalpit Fields Ecosite	1.55	N
Ansley Mineral Line (disused) Ecosite	1.58	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Merevale Lane Cutting Ecosite	1.59	NW
Parkfield Quarry Ecosite	1.60	SE
Woodhill Spinney and Verge Ecosite	1.60	SW
Bell Green Rd / Heddle Grove Ecosite	1.61	SW
Wyken Croft Nature Park Ecosite	1.63	SW
Griff Hill Quarries (part SSSI) Ecosite	1.64	SE
Scrub land adjoining disused railway Ecosite	1.65	SW
Chase Hotel Ecosite	1.66	SE
Bucks Hill Spoil Tip Ecosite	1.68	SW
Long Lawford Meadows Ecosite	1.68	SW
Oldbury Farm Pool Ecosite	1.68	SW
Spion Kop Ecosite, pLWS	1.68	NE
Little Wood and Reservoir Ecosite	1.69	SW
Arbury Park Ecosite	1.70	SW
Exhall Hall Ecosite	1.71	NW
Recreation Ground, Elkington Street Ecosite	1.71	SW
Merevale Quarry Ecosite	1.73	NW
Rectory Fields, off Rectory Drive Ecosite	1.74	NW
Flecknoe Railway Cutting & Disused Railway Ecosite	1.77	SW
Scrub at Midland Junction(Agricultural) Ecosite	1.77	NE
Scrub, Hayes Green Road Ecosite	1.78	NW
Land rear of Freesland Rise Ecosite	1.79	SW
Coombe Abbey Ecosite	1.81	SW
Clifton-on-Dunsmore Cemetery Ecosite	1.82	NW
Griff Brook Ecosite	1.82	SE
Wood at The Lawns Ecosite	1.82	SW
Disused Canal Arm - Coton Lawn Farm Ecosite	1.84	SW
Rugby Churchyards Ecosite	1.84	SE
Waste Hill Lane Verge Ecosite	1.84	NW
Wooded Stream, Plough Hill Farm Ecosite	1.84	SW
Lime Kilns, RiverAvon Ecosite	1.86	S
Land off Whitacre Road(Industrial Estate) Ecosite	1.87	NE
Land south of Griff Canal Arm Ecosite	1.87	S
Bedworth Cemetery Ecosite	1.90	NW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Ironstone Wood / Slack's Wood Ecosite	1.91	SW
Roadside verge, B4102 Ecosite	1.91	SW
Breach Brook, headwaters and tributaries Ecosite	1.93	NW
Poplar Tree Farm Ecosite	1.93	SW
Church Lawford Meadows Ecosite, pLWS	1.94	S
Tallants Road Ecosite	1.96	SW
Ashlawn Railway Cutting Ecosite	1.97	SW
Pond at Ridge Lane Ecosite	1.97	SW
Water Meadow, Alice Close Ecosite	1.97	NW
Rowleys Green Meadow Ecosite	1.98	W
Land at Bermuda Ecosite	1.99	SW
St. Mary's Meadows Ecosite, pLWS	1.99	NE
Street Ashton Meadow Ecosite, pLWS	1.99	NE
Griff Granite Quarry No 3 (Filled in) Ecosite	2.00	SE
425 pLWS	Within	N/A
427 pLWS	Within	N/A
441 pLWS	Within	N/A
448 pLWS	Within	N/A
463 pLWS	Within	N/A
554 pLWS	Within	N/A
4007 pLWS	Within	N/A
4008 pLWS	Within	N/A
Bloores Spinney and Stretton Wharf pLWS	Within	N/A
Braunston Old Railway Station pLWS	Within	N/A
Grand Union Canal pLWS, Wetland Wildlife Corridors	Within	N/A
Grand Union Canal - Brook pLWS	Within	N/A
Hill Morton Radio Station pLWS	Within	N/A
Holly Stitches & Midlands Quarry pLWS	Within	N/A
Home Farm Grasslands, Ansty pLWS	Within	N/A
Old Tip pLWS	Within	N/A
The Outwoods pLWS	Within	N/A
Top Lock Field pLWS	Within	N/A
Jee's Wood and Grassland pLWS	Adjacent	N/A
Bungalow Meadows pLWS	Adjacent	NW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
4006 pLWS	0.01	NE
Spring Wood and Field pLWS	0.02	NE
Railway embankments pLWS	0.04	NE
537 pLWS	0.05	SW
555 pLWS	0.05	NE
4009 pLWS	0.06	SW
442 pLWS	0.07	E
Braunston Pocket Park Meadow pLWS	0.07	NE
447 pLWS	0.11	NE
Purley Park pLWS	0.11	NW
Drayton Reservoir pLWS	0.12	SW
Disused Canal Branch pLWS	0.19	E
Tuttle Hill Reservoir pLWS	0.24	SW
571 pLWS	0.28	N
Norton Stream and Fields pLWS	0.32	NE
Mancetter Quarry pLWS	0.33	SW
Meadows pLWS	0.33	SW
Stoneleigh Quarry Farm Pools Hedge pLWS	0.34	SE
Hartshill Sidings Works pLWS	0.36	NW
Woodlands Quarry A pLWS	0.44	SE
449 pLWS	0.44	E
Sedgemoor Way Roundabout pLWS	0.48	SW
440 pLWS	0.50	SW
Mill Gardens pLWS	0.53	SE
Fennis Field Pool pLWS	0.55	SW
Nether Heyford Cemetery pLWS	0.58	NE
558 pLWS	0.59	SW
Newbold Revel Woodlands pLWS	0.59	NE
458 pLWS	0.63	SW
Woodlands Quarry B pLWS	0.65	SE
466 pLWS	0.66	NE
457 pLWS	0.69	NE
Brooklands Farm Meadow pLWS	0.73	N
Monks Park Wood and Bratts Waste pLWS	0.76	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
539 pLWS	0.77	NW
445 pLWS	0.79	NE
465 pLWS	0.79	NE
569 pLWS	0.80	NE
450 pLWS	0.82	NE
538 pLWS	0.84	NW
461 pLWS	0.85	SW
Hartshill Castle Meadow pLWS	0.85	SW
553 pLWS	0.87	NW
Dismantled Railway pLWS	0.87	SW
35 pLWS	0.89	W
Church Stowe Quarry pLWS	0.90	SW
Hill Morton Sand Pit pLWS	0.90	SE
462 pLWS	0.99	NE
464 pLWS	1.01	NE
426 pLWS	1.02	NE
Malpass Quarry North pLWS	1.03	SE
34 pLWS	1.07	W
5007 pLWS	1.11	NE
Dodford Disused Railway pLWS	1.11	NW
Witherley Hall pond pLWS	1.12	NE
Braunston Covert pLWS	1.13	S
St George's Way South pLWS	1.14	S
Old Fish Pond Flood Meadow pLWS	1.16	SW
Harefield Lane pLWS	1.16	SW
503 pLWS	1.17	W
Knebley Crescent & Sorrell Road Woodlands pLWS	1.20	SE
Underhill Spinney pLWS	1.21	NW
Moat House, Exhall pLWS	1.22	NW
446 pLWS	1.22	NE
459 pLWS	1.26	SW
Black Pool & Abbey Pool pLWS	1.26	NW
Bermuda Clay Pits A pLWS	1.27	SW
48 pLWS	1.28	W

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Dovecote Farm Meadow South pLWS	1.29	NE
5047 pLWS	1.31	NW
424 pLWS	1.31	NE
Ansty Park Ponds pLWS	1.32	SW
423 pLWS	1.33	NE
River Anker Meadows , (possible extension to SINC) pLWS	1.35	NE
Rugby-Leamington Disused Railway - Leamington Extension pLWS	1.35	SW
Drayton Lane hedgerow pLWS	1.39	NE
Daventry Golf Course pLWS	1.42	SE
Dovecote Farm Meadows North pLWS	1.44	NE
Lodge Farm Spinney pLWS	1.48	NE
Mineral Railway pLWS	1.52	NW
Clifton Disused Railway pLWS	1.53	SE
4004 pLWS	1.54	SE
32 pLWS	1.55	SW
33 pLWS	1.56	SW
28 pLWS	1.56	SW
Mythe Lane hedgerow pLWS	1.56	NE
Witherley hedgerow pLWS	1.62	NE
Gallry Common Fields pLWS	1.65	SW
Barn Farm Oak pLWS	1.69	NE
Hermes Crescent pLWS	1.70	SW
467 pLWS	1.71	SE
455 pLWS	1.73	W
30 pLWS	1.77	S
Chapel Lane hedgerow 2 pLWS	1.77	NE
Chapel Lane hedgerow pLWS	1.78	NE
Railway Wood pLWS	1.79	NW
Mythe Lane hedgerow 2 pLWS	1.79	NE
Ashton Verge Field pLWS	1.80	NE
559 pLWS	1.81	NW
White Gate hedgerow pLWS	1.85	NE
36 pLWS	1.87	W

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Litchborough Fen North pLWS	1.88	SW
552 pLWS	1.89	NE
Stream pLWS	1.90	SW
Witherley, pond pLWS	1.91	NE
Breach Brook pLWS	1.93	NW
Bugbrooke Downs pLWS	1.94	SE
Slack's Meadow pLWS	1.97	SW
Main Line Rail Wildlife Corridors	0.00	N/A
Woburn - Bletchley Rail Wildlife Corridors	0.00	N/A
A5 (T) Road Wildlife Corridors	0.08	NE
V4 Watling Street Road Wildlife Corridors	0.09	SW
River Ouzel Wetland Wildlife Corridors	0.00	N/A
Caldecotte Brook Wetland Wildlife Corridors	1.59	NE

Part 3

- 3.1.8 Part 3 is measured from the Indicative Working Area, with reference to Figure 3-P2&3-1: Parts 2 & 3 Canal Network and Daventry and Drayton Reservoirs Indicative Layout Plans, in PEI Report, Volume 3.

Table 6: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 3

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Statutory Sites		
Upper Nene Valley Gravel Pits Ramsar, SPA	19.78	SE
Badby Wood SSSI	4.99	SW
Everdon Stubbs SSSI	6.85	SE
Ramsden Corner Plantation SSSI	7.96	SE
Calcutt Locks Meadows SSSI	8.16	SW
Mantles Heath SSSI	8.29	SE
High Wood and Meadow SSSI	8.67	S
Bugbrooke Meadows SSSI	9.68	SE
Napton Hill Quarry SSSI	9.81	SW
Stockton Railway Cutting and Quarry SSSI	9.92	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
Daventry Country Park LNR	Within	N/A
<i>Non-Statutory Sites</i>		
Daventry Reservoir & Country Park LWS	Within	N/A
Thrupp Covert LWS	0.32	NE
Swinnel Copse and Meadow LWS	0.43	NE
Borough Hill Field LWS	0.72	SE
Bragborough Hole LWS	1.06	NE
Bragborough Meadows LWS	1.19	NE
Borough Hill Plantation LWS	1.28	SE
Borough Hill Farm field LWS	1.56	SE
Wolfhampcote Churchyard Ecosite	0.57	SW
River Leam Ecosite, pLWS	1.39	SW
Oxford Canal Ecosite	1.54	W
Pools at Wolfhampcote Hall Ecosite, pLWS	1.88	SW
4007 pLWS	Within	N/A
4008 pLWS	Within	N/A
4009 pLWS	Within	N/A
554 pLWS	Within	N/A
Drayton Reservoir pLWS	Within	N/A
Grand Union Canal - Brook pLWS	Within	N/A
Top Lock Field pLWS	Within	N/A
558 pLWS	0.16	SW
Braunston Old Railway Station pLWS	0.21	SW
Braunston Pocket Park Meadow pLWS	0.26	NW
4006 pLWS	0.31	NW
Norton Stream and Fields pLWS	0.31	NE
Sedgemoor Way Roundabout pLWS	0.31	SE
Daventry Golf Course pLWS	0.33	SE
555 pLWS	0.43	NE
537 pLWS	0.63	W
30 pLWS	0.64	S
4004 pLWS	0.69	SE
569 pLWS	0.88	NE
5007 pLWS	1.11	NE
Braunston Covert pLWS	1.19	SW

Designation and Site Name	Distance (km) from Indicative Work Area	Direction
553 pLWS	1.24	NW
538 pLWS	1.26	NW
539 pLWS	1.30	NW
28 pLWS	1.38	SW
Dismantled Railway pLWS	1.43	SW
Borough Hill Fields East pLWS	1.44	SE
Lodge Farm Spinney pLWS	1.48	NE
Grand Union Canal pLWS	1.53	W
32 pLWS	1.59	SE
440 pLWS	1.59	NE
Borough Hill Spring Fields pLWS	1.74	S
36 pLWS	1.84	SE
44 pLWS	1.96	SE

Part 4a

- 3.1.9 Part 1 a is measured from the Preliminary Order Limits, with reference to **Figure 3-P4A-1: Part 4a Abstraction, Storage and Treatment Indicative Layout Plan** in PEI Report, **Volume 3**.

Table 7: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 4a

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Statutory Sites		
Upper Nene Valley Gravel Pits Ramsar, SPA	29.28	NW
Kings and Bakers Woods and Heaths SSSI	3.00	SE
Poker's Pond Meadow SSSI	3.39	SW
Nares Gladley Marsh SSSI	3.76	SE
Wavendon Heath Ponds SSSI	4.05	NE
Double Arches Pit SSSI	4.90	SE
Howe Park Wood SSSI	5.26	NW
Nine Acres Pit SSSI	5.76	SE
Oxley Mead SSSI	6.98	NW
Warren Farm, Stewkley SSSI	7.99	SW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Tebworth Marsh SSSI	9.26	SE
King's Wood and Rushmere NNR	2.70	SE
Blue Lagoon LNR	1.31	NW
<i>Non-Statutory Sites</i>		
Waterhall Park LWS	0.01	NW
Canon Hill LWS	0.60	SE
Great Brickhill Field LWS	0.92	SE
The Moor & Great Firs, Great Brickhill LWS	1.01	SE
St. Mary's Churchyard, Great Brickhill LWS	1.10	SE
Rectory Farm LWS	1.12	SE
Great Brickhill Cemetary LWS	1.17	SE
Blue Lagoon LWS	1.33	NW
Duncombe Wood LWS	1.71	E
St. Mary Magdalen's Churchyard, Little Brickhill LWS	1.85	NE
Orchard Mill BNS	0.54	SW
River Ouzel, Sparks Meadow to west of Eaton Mill BNS	0.60	NW
Grand Union Canal, Fenny Stratford to Water Eaton BNS	0.98	NW
Church Farm BNS	1.26	SE
Jubilee Pit BNS	1.38	SW
Jubilee Works (excluding Jubilee Pit) BNS	1.41	SW
Newton Longville Brickpits BNS	1.54	W
Downs Covert BNS	1.77	NE
Back Wood, Bow Brickhill BNS	1.86	NE
Main Line Rail Wildlife Corridors	0.90	SW
A5 (T) Road Wildlife Corridors	1.04	NE
V4 Watling Street Road Wildlife Corridors	1.16	NE
River Ouzel Wetland Wildlife Corridors	0.01	NW
Grand Union Canal Wetland Wildlife Corridors	0.04	NW

Part 4b

- 3.1.10 Part 4b is measured from the Preliminary Order Limits, with reference to Figure 3-P4A-1: Pipeline to an Underground Reservoir near Luton Indicative Layout Plan in PEI Report, Volume 3.

Table 8: Statutory and non-statutory designated sites of nature conservation importance within the Study Area of Part 4b

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Statutory Sites		
Upper Nene Valley Gravel Pits Ramsar, SAC	29.41	NW
Chilterns Beechwoods SAC	3.79	SW
Dunstable and Whipsnade Downs SSSI	Within	N/A
Kensworth Chalk Pit SSSI	Adjacent	N/A
Kings and Bakers Woods and Heaths SSSI	0.10	SW
Totternhoe Knolls SSSI, LNR	0.12	NE
Dallow Downs and Winsdon Hill SSSI	0.18	NE
Totternhoe Stone Pit SSSI	0.43	NE
Double Arches Pit SSSI	0.63	SW
Totternhoe Chalk Quarry SSSI	0.69	NE
Blow's Down SSSI	0.94	NW
Nine Acres Pit SSSI	1.18	SW
Wavendon Heath Ponds SSSI	1.92	NE
Tebworth Marsh SSSI	2.20	NE
Houghton Regis Marl Lakes SSSI	3.12	N
Ivinghoe Hills SSSI	3.14	SW
Nares Gladley Marsh SSSI	3.54	SW
Cowslip Meadow SSSI	3.72	NE
Dropshort Marsh SSSI	3.78	NE
Ashridge Commons and Woods SSSI	3.79	SW
Poker's Pond Meadow SSSI	3.87	SW
Galley and Warden Hills SSSI, LNR	4.67	NE
Sundon Chalk Quarry SSSI	5.37	NW
Pitstone Hill SSSI	5.71	SW
Fancott Woods and Meadows SSSI	5.81	NE
Howe Park Wood SSSI	5.97	NW
Aldbury Nowers SSSI	6.84	SW

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Pitstone Quarry SSSI	7.29	SW
Smithcombe, Sharpenhoe and Sundon Hills SSSI	7.36	NW
Oxley Mead SSSI	7.70	NW
Barton Hills SSSI	8.28	NE
Tring Reservoirs SSSI	8.53	SW
Warren Farm, Stewkley SSSI	8.54	SW
Alpine Meadow SSSI	8.88	SW
Deacon Hill SSSI	9.61	NE
Flitwick Moor SSSI	9.91	NE
Cottage Bottom Fields LNR	Within	N/A
Blue Lagoon LNR	2.11	NW
King's Wood and Rushmere NNR	0.10	SW
<i>Non-Statutory Sites</i>		
Kensworth Chalk Pit SSSI, CWS	Adjacent	N/A
King's and Baker's Woods and Heaths SSSI, CWS, RNR	0.10	SW
Totternhoe Knolls SSSI, CWS, RNR	0.13	NE
Totternhoe Stone Pit SSSI, CWS	0.43	NE
Totternhoe Chalk Quarry SSSI, RNR	0.69	NE
Nine Acres Pit SSSI, CWS, RNR	1.18	SW
Wavendon Heath Ponds SSSI, RNR	1.92	NE
Badgerdell Wood CWS	Within	N/A
Clipstone Brook CWS	Within	N/A
Dunstable and Whipsnade Downs CWS	Within	N/A
Eggington Fields CWS	Within	N/A
Potsgrove Grasslands CWS	Adjacent	NE
Double Arches Pit CWS	Adjacent	SW
Battlesden Lake CWS	0.02	NE
Bushycommon Wood CWS	0.02	NE
Castlecroft Wood CWS	0.04	NW
Fox and Hounds Quarry CWS	0.04	S
Home Wood, Potsgrove CWS	0.17	NE
Dallow Downs CWS	0.18	NE
Little John's and Dame Ellen's Woods CWS	0.18	N

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Blow's Down CWS	0.23	NW
Eaton Bray Meadow CWS	0.23	SW
Whipsnade Heath CWS	0.33	SW
Folly Wood CWS	0.41	SE
The Linces CWS	0.50	NW
Well Head CWS, RNR	0.50	NE
River Ouzel CWS	0.54	SW
Sallowspring Wood CWS	0.57	S
Edlesborough Hill CWS	0.59	SW
Apesfield Spring CWS	0.65	NE
Sewell Disused Railway CWS	0.66	NE
Totternhoe and Sewell Quarries CWS	0.69	NE
Castle Croft and Bluebell Wood CWS	0.72	SE
Lowe's Wood CWS	0.72	NE
Spoondell CWS	0.82	NE
Dunstable to Luton disused railway CWS	0.89	NW
Grove Wood CWS	0.91	NE
Heath Wood, Whipsnade CWS	0.97	SW
Charle Wood CWS	0.98	NE
Stanner's Wood CWS	1.01	NW
Wentworth Fields CWS	1.06	SW
Skimpot Wood CWS	1.13	NW
Stanbridge and Blackgrove Woods CWS	1.14	NE
Hungerhill Wood and New Planting CWS	1.22	NE
Utcoate Grange Meadow CWS	1.31	NE
Whipsnade Wood CWS	1.40	SE
Stockgrove Country Park CWS	1.50	SW
Wavendon Heaths and Aspley Wood CWS	1.52	NE
Oldhill Wood CWS	1.60	SE
Stanbridge Meadows CWS	1.70	SW
Dunstable Meadow CWS	1.72	NW
Dedmansey Woods CWS	1.93	SE
Foxdell DWS	0.23	NE
Dallow Lane DWS	0.46	NE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Hatters Way DWS	0.66	NE
Luton General Cemetery DWS	1.94	SE
Duncombe Wood LWS	0.07	SW
Canon Hill LWS	0.19	SE
St. Mary Magdalen's Churchyard, Little Brickhill LWS	0.27	NE
The Moor & Great Firs, Great Brickhill LWS	0.46	SE
Great Brickhill Field LWS	0.69	S
Waterhall Park LWS	0.72	W
St. Mary's Churchyard, Great Brickhill LWS	1.05	SE
Great Brickhill Cemetery LWS	1.15	SE
Rectory Farm LWS	1.30	SE
St. Mary the Virgin Churchyard Edlesborough LWS	1.62	SW
Oak Wood, Stockgrove LWS	1.86	SW
Buttermilk Wood BNS	Within	N/A
Pond near Buttermilk Wood BNS	Within	N/A
Broomhill Wood BNS	0.43	NW
Marsh west of Broomhill BNS	0.66	NE
Little Brickhill and Bell's Copses BNS	0.71	NE
Downs Covert BNS	0.75	NE
Back Wood, Bow Brickhill BNS	0.81	NE
Church Farm BNS	0.95	SE
Orchard Mill BNS	1.06	SW
River Ouzel, Sparks Meadow to west of Eaton Mill BNS	1.06	NW
Kiln Ground BNS	1.24	NE
Eaton Bridge, Eaton Bray BNS	1.27	SW
Grand Union Canal, Fenny Stratford to Water Eaton BNS	1.39	NW
Bow Brickhill Heath BNS	1.62	NE
Main Line Rail Wildlife Corridors	1.83	SW
Fox Corner RNR	1.44	SW
A5 (T) Road Wildlife Corridors	Within	N/A
V4 Watling Street Road Wildlife Corridors	1.37	N

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
River Ouzel Wetland Wildlife Corridors	0.71	W
Grand Union Canal Wetland Wildlife Corridors	0.89	W

Ancient Woodland

3.1.11 The study area for ancient woodland is 500 m from the Preliminary Order Limits of Parts 1 and 4, and 500 m of the Indicative Work Area of Part 2 and 3.

Table 9: Ancient Woodland within the study area

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Part 1a: Minworth AWTP		
None		
Part 1b: Minworth to Atherstone Pipeline		
Bentley Park Wood Ancient Replanted Woodland	Adjacent	NE
Drybrooks Wood Ancient Replanted Woodland	Adjacent	N/A
Gallops Hill Wood Ancient & Semi-Natural Woodland	Adjacent	N/A
Gallops Hill Wood Ancient Replanted Woodland	Adjacent	N/A
Wheatleys Wood Ancient Replanted Woodland	Adjacent	N/A
Bentley Park Wood Ancient & Semi-Natural Woodland	0.01	S
Holly Thicks Ancient Replanted Woodland	0.01	NW
Captains Wood Ancient & Semi-Natural Woodland	0.03	SE
Sych Wood Ancient & Semi-Natural Woodland	0.11	SE
Quarries Wood South Ancient & Semi-Natural Woodland	0.21	SE
Rawn Hill Wood Ancient & Semi-Natural Woodland	0.22	SE
Quarries Wood South Ancient Replanted Woodland	0.24	SE
Unnamed (Simon de Blyth's Wood) Ancient Replanted Woodland	0.25	SE

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Dunton Coppice Ancient & Semi-Natural Woodland	0.26	NW
Square Wood Ancient & Semi-Natural Woodland	0.30	SE
Unnamed (Purley Park) Ancient & Semi-Natural Woodland	0.36	S
Upper Coal Spinney Ancient & Semi-Natural Woodland	0.38	SE
Unnamed (Grendon Wood) Ancient & Semi-Natural Woodland	0.50	NW
<i>Part 2: Outfall and works to the Coventry, Oxford and Grand Union Canals</i>		
All Oaks Wood Ancient & Semi-Natural Woodland	0.01	SW
Rawn Hill Wood Ancient & Semi-Natural Woodland	0.09	NW
Skewbridge Spinney Ancient Replanted Woodland	0.12	SW
Unnamed (Purley Park) Ancient & Semi-Natural Woodland	0.13	SW
Unnamed (Parson's Spinney) Ancient & Semi-Natural Woodland	0.14	S
Unnamed (Purley Park) Ancient Replanted Woodland	0.21	NW
Unnamed (Spring Wood) Ancient & Semi-Natural Woodland	0.22	NE
Stoke Park Wood Ancient & Semi-Natural Woodland	0.31	SW
Quarries Wood South Ancient & Semi-Natural Woodland	0.33	SW
Quarries Wood South Ancient Replanted Woodland	0.34	SW
Turnthorns Wood Ancient & Semi-Natural Woodland	0.37	NE
Hartshill Hayes Ancient Replanted Woodland	0.38	SW
Gallops Hill Wood Ancient Replanted Woodland	0.42	SW
Gallops Hill Wood Ancient & Semi-Natural Woodland	0.43	SW
Unknown Ancient & Semi-Natural Woodland	0.43	NE
<i>Part 3: Daventry and Drayton Reservoirs (with canal section)</i>		
None		

Designation and Site Name	Distance (km) from Preliminary Order Limits	Direction
Part 4a: Abstraction, Storage and Treatment		
None		
Part 4b:		
Round Wood Ancient & Semi-Natural Woodland	Within	N/A
Slough Wood Ancient & Semi-Natural Woodland	Within	N/A
Bush Wood Ancient & Semi-Natural Woodland	Adjacent	N/A
Castlecroft Wood Ancient & Semi-Natural Woodland	0.05	NW
Badgerdell Wood Ancient & Semi-Natural Woodland	0.06	SE
Unnamed (Duncoombe Wood) Ancient Replanted Woodland	0.07	SW
Unnamed (Duncoombe Wood) Ancient & Semi-Natural Woodland	0.08	SW
King's Wood Ancient & Semi-Natural Woodland	0.10	SW
Little John's Wood Ancient & Semi-Natural Woodland	0.18	N
Nun Wood Ancient Replanted Woodland	0.21	NE
Home Wood/Battlesden Wood Ancient Replanted Woodland	0.32	NE
Landpark Wood Ancient & Semi-Natural Woodland	0.33	SW
Unnamed (Goodman's Wood) Ancient & Semi-Natural Woodland	0.35	S
Unnamed (Goodman's Wood) Ancient Replanted Woodland	0.39	SE
Folly Wood Ancient & Semi-Natural Woodland	0.41	SE
Bragenham Wood Ancient & Semi-Natural Woodland	0.43	SW
Dame Ellen's Wood Ancient & Semi-Natural Woodland	0.49	NW

4. References

- Ref. 1 The Conservation of Habitats and Species Regulations 2017. Available at: <https://www.legislation.gov.uk/ukxi/2017/1012/contents> [Accessed 05/02/2026]
- Ref. 2 Convention on Wetlands (1971) Convention on Wetlands of International Importance especially as Waterfowl Habitat
- Ref. 3 Wildlife and Countryside Act 1981 (as amended). Available at: <https://www.legislation.gov.uk/ukpga/1981/69/contents> [Accessed 05/02/2026]
- Ref. 4 National Parks and Access to the Countryside Act 1949. Available at: <https://www.legislation.gov.uk/ukpga/Geo6/12-13-14/97/contents> [Accessed 05/02/2026]
- Ref. 5 Natural Environment and Rural Communities Act (2006). Available at: <https://www.legislation.gov.uk/ukpga/2006/16/contents> [Accessed 05/02/2026]
- Ref. 6 Environment Act 2021. Available at: <https://www.legislation.gov.uk/ukpga/2021/30/contents> [Accessed 05/02/2026]
- Ref. 7 DEFRA (2026) Multi-Agency Geographic Information for the Countryside. Available at: [MAGIC](#)