

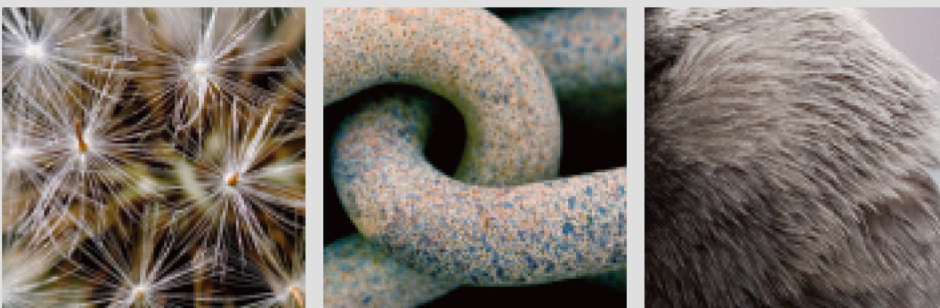
Town and Country Planning Act 1990 (as amended)  
Appeal by: Avant Homes Central

An Appeal Against the refusal of Full Planning  
Permission for 74 no. dwellings at land off Moorthorpe  
Way, Sheffield.

Proof of evidence on  
Ecology and Nature Conservation  
Appendix 2 LWS citations and plan

By

Andrew Baker BSc (Hons) FCIEEM



<b>SITE NAME</b>	Owlthorpe		
<b>SITE NUMBER</b>	266	<b>GRID REF</b>	SK413825
<b>WARD</b>	Beighton	<b>1:10,000 SHEET</b>	SK48SW
		<b>COMMUNITY ASSEMBLY</b>	South East

**STATUS**

<input checked="" type="checkbox"/> Local Wildlife Site	<input type="checkbox"/> Biological SSSI	<input type="checkbox"/> Other Nature Reserve
<input type="checkbox"/> Local Geology Site	<input type="checkbox"/> Geological SSSI	<input type="checkbox"/> Heritage Site
<input type="checkbox"/> RIGS	<input type="checkbox"/> Local Nature Reserve	<input type="checkbox"/> SAM
Other:		
Notes:		

**OWNERSHIP/MANAGEMENT RESPONSIBILITY**

<input checked="" type="checkbox"/> Sheffield City Council	<input type="checkbox"/> Yorkshire Water	<input type="checkbox"/> Unknown
Other/notes and The site is owned by Sheffield City Council but different departments have contact details: responsibility for different areas, namely; Housing and Land and Planning.		

(Specify if ownership and management are separate organisations/people).

**USE/MANAGEMENT**

<input checked="" type="checkbox"/> Recreation	<input type="checkbox"/> Water storage	<input type="checkbox"/> Quarrying
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Sewage treatment	<input type="checkbox"/> Brownfield
<input type="checkbox"/> Forestry	<input type="checkbox"/> Flood control	<input checked="" type="checkbox"/> Nature conservation
Other:		
Notes: Parts of the site are grazed by livestock to improve the conservation value of the site.		

**INTERESTED PARTIES (such as friends groups etc).**

Friends of Owlthorpe, SCC Planning (Landscape Section), Sheffield Landscape Trust.
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**GEOLOGY**

<input type="checkbox"/> Millstone Grit Series (Namurian)	<input checked="" type="checkbox"/> Lower Coal Measures (Westphalian A)	<input type="checkbox"/> Middle Coal Measures (Westphalian B)	<input type="checkbox"/> Upper Coal Measures (Westphalian C)
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<b>ALTITUDE (M)</b>	95m – 130m	<b>SIZE (HA)</b>	7.68 ha
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**MAIN HABITATS/SITE DESCRIPTION**

<input checked="" type="checkbox"/> Ancient woodland	<input type="checkbox"/> Heath/grassland mosaic	<input type="checkbox"/> Bog
<input checked="" type="checkbox"/> Upland oak woodland	<input checked="" type="checkbox"/> Bracken	<input checked="" type="checkbox"/> Blanket bog
<input checked="" type="checkbox"/> Wet woodland	<input checked="" type="checkbox"/> Other tall herbs	<input checked="" type="checkbox"/> Eutrophic standing waters
<input checked="" type="checkbox"/> Lowland mixed deciduous woodlands	<input checked="" type="checkbox"/> Grassland	<input checked="" type="checkbox"/> Ponds and standing water
<input checked="" type="checkbox"/> Semi-natural woodland	<input checked="" type="checkbox"/> Purple moor grass and rush pastures	<input checked="" type="checkbox"/> Rivers and running water
<input type="checkbox"/> Plantation	<input checked="" type="checkbox"/> Lowland dry acid grassland	<input type="checkbox"/> Marginal aquatic vegetation
<input checked="" type="checkbox"/> Wood pasture/Parkland	<input type="checkbox"/> Acid grassland	<input checked="" type="checkbox"/> Reedbed
<input checked="" type="checkbox"/> Traditional orchard	<input checked="" type="checkbox"/> Neutral grassland	<input checked="" type="checkbox"/> Upland flushes, fens and swamps
<input checked="" type="checkbox"/> Scrub	<input checked="" type="checkbox"/> Upland hay meadows	<input type="checkbox"/> Flush/spring
<input checked="" type="checkbox"/> Hedgerow	<input checked="" type="checkbox"/> Unimproved grassland	<input type="checkbox"/> Cliff/rock face/outcrop
<input checked="" type="checkbox"/> Ancient and species-rich hedgerows	<input checked="" type="checkbox"/> Semi-improved grassland	<input checked="" type="checkbox"/> Inland Rock/Scree

<input type="checkbox"/> Dry stone walls	<input checked="" type="checkbox"/> Improved grassland	<input type="checkbox"/> Quarry
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Lowland heathland (<300m)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Coastal and floodplain grazing marsh	<input type="checkbox"/> Spoil
<input checked="" type="checkbox"/> Upland heathland	<input checked="" type="checkbox"/> Arable field margin	<input checked="" type="checkbox"/> Urban common
<input type="checkbox"/> Dry dwarf shrub heath	<input checked="" type="checkbox"/> Green roof	<input checked="" type="checkbox"/> Open mosaic habitats on previously developed land
<input type="checkbox"/> Wet dwarf shrub heath	<input type="checkbox"/> Marsh	<input type="checkbox"/> Mosaic Habitat
Other:		
Notes/Site Description: The site comprises a mixture of unimproved and semi-improved grasslands. Some of these were former arable fields but are now being grazed for nature conservation. There is a pocket of broad-leaved woodland and several old hedgerows. Some of these are probably of ancient origin and contain ancient woodland indicator species. The site is bounded on the north by Ochre Dyke, a stream which runs through a band of ancient woodland and the site acts as a valuable wildlife link with other areas of semi natural habitat in the Owlthorpe district such as Westfield Plantation.		

: LBAP habitats.  : UKBAP habitats.

### Evaluation against Local Nature Site selection criteria from 1991 Sheffield Nature Conservation Strategy

SITE CHARACTERISTICS	Sub elements for site characteristics for the site.				COMMUNITY FACTORS	Sub elements for community factors for the site.				
	A	B	C	D		A	B	C	D	E
Richness/Diversity	Y	Y	Y	Y	Community & Amenity Value	Y	Y	Y		
Rarity	Y	Y		Y	Educational Value		Y	Y		Y
Continuity of Landuse	Y		Y		In an area of deficiency					
Typicalness	Y	Y			Threat of disturbance/destruction					
Size	Y				History of scientific recording	Y				
Irreplaceability										
Fragility	Y		Y	Y						
Ecological Position	Y	Y	Y							
Part of sequence of features	Y									
Significant Populations		Y			Aesthetic Appeal & Landscape	Y	Y	Y	Y	
Potential Value	Y				Geographical Position		Y			
Naturalness	Y				Physical & Visual Access	Y	Y		Y	

Greyed out boxes are not applicable/no scoring criterion exists: See explanatory text for descriptions of the criteria.

### BIOLOGICAL/CONSERVATION INTEREST

Tick only those boxes which reflect why the site has been selected.

<input checked="" type="checkbox"/> Plants	<input checked="" type="checkbox"/> Birds	<input checked="" type="checkbox"/> LBAP Priority Species
<input type="checkbox"/> Fungi	<input checked="" type="checkbox"/> UKBAP Priority Habitat(s)	<input type="checkbox"/> National Red Data Species
<input checked="" type="checkbox"/> Invertebrates	<input checked="" type="checkbox"/> UKBAP Priority Species	<input checked="" type="checkbox"/> Local Red Data Species
<input checked="" type="checkbox"/> Mammals	<input checked="" type="checkbox"/> LBAP Priority Habitat(s)	<input type="checkbox"/> Protected species
<input type="checkbox"/> Amphibians	<input type="checkbox"/> Reptiles	<input type="checkbox"/> Geological interest
Other:		
Reason for selection: There are several fields of semi-improved grassland (a Local		

Biodiversity Action Plan Priority Habitat). The botanical interest in the fields includes common spotted orchid (*Dactylorhiza fuchsii*), a locally scarce species and some other notable species such as harebell (*Campanula rotundifolia*), yarrow (*Achillea millefolium*) and bird's-foot-trefoil (*Lotus corniculatus*) which are characteristic of good quality grassland.

The grasslands also have considerable interest for invertebrates including the Local Red Data Book Species slender ground hopper (*Tetrix subulata*) as well as a number of other locally rare species such as Adonis ladybird (*Hippodamia variegata*) and the hoverfly *Didea fasciata*. A number of butterfly species have been recorded on site many of which are Local Biodiversity Action Plan Priority Species. These include small copper (*Lycaena phlaeas*), gatekeeper (*Pyronia tithonus*) and small tortoiseshell (*Aglais urticae*). Other Local Biodiversity Action Plan Priority Species using the site are dragonflies and southern hawker (*Aeshna cyanea*) have been recorded there.

A number of the hedgerows are old and some are probably of ancient origin as they are species-rich and support a number of ancient woodland indicator plants such as wood anemone (*Anemone nemerosa*) and dog's mercury (*Mercurialis perennis*). Bluebells (*Hyacinthoides non-scripta*) are also found under the hedgerows. These are a protected species under Schedule 8 of The Wildlife and Countryside Act (1981) and are contained within the Local Biodiversity Action Plans as are hedgerows as a habitat.

The woodland, hedgerow and scrub areas support the UK and Local Biodiversity Action Plan Priority Species song thrush (*Turdus philomelos*) as well as nationally declining species such as blackcap (*Sylvia atricapilla*) and chiffchaff (*Phylloscopus collybita*).

The site is an important stronghold for protected mammals including bats which are Local Biodiversity Action Plan Priority Species. The species recorded include whiskered bat (*Myotis mystacinus*) and common pipistrelle (*Pipistrellus pipistrellus*).

Description\* See details above.

\* include reason for the inclusion of any habitats not listed in the reason for selection, these may include those of a supporting nature or important to the functioning/integrity of the site.

## REASONS FOR DESIGNATION

Feature	Notes
Semi-improved grassland, hedgerows	LBAP habitat
Bluebell	LBAP species, Wildlife and Countryside Act
Common spotted-orchid, small-leaved lime, <i>Coleoptera</i> , <i>Diptera</i> , <i>Orthoptera</i>	LRDB species
Song thrush	UK and LBAP species
<i>Lepidoptera</i>	LBAP species

## RECENT/ONGOING PROJECTS

There has been much management work undertaken recently including fencing of some parts of the site to facilitate grazing. Some of the more mature hedges have been laid and some new hedgerows planted. Conservation grazing is now in place to improve the wildlife value of the

site. Habitat and invertebrate surveys were undertaken in 2010.

### MANAGEMENT

Feature	Organisation responsible?	Desired management	Implementation of desired management?	Mechanism for delivery?
			YES / NO	
			YES / NO	
			YES / NO	
			YES / NO	
In positive management for NI 197?			Yes	
Notes:				

### RECOMMENDED MONITORING PROGRAMME

Feature	Methodology	Frequency	Month
Notes:			

### SOURCES OF INFORMATION

Source (e.g. Phase I survey)	Date	Location of Records
Enhanced Phase 1 Survey	2010	SCC Ecology Unit
Invertebrate Survey	2010	SCC Ecology Unit

Completed by: Michael Guy

Date: 29/03/2011

<b>SITE NUMBER</b>	273	<b>GRID REF</b>	SK423825	<b>1:10,000 SHEET</b>	SK48SW
<b>SITE NAME</b>	Westfield Plantation				
<b>NUMBER OF SUBSITES</b>					
<b>SUBSITE NAME</b>					
<b>SUBSITE GRID REFERENCE</b>					

### STATUS

<input checked="" type="checkbox"/> Biological SINC	<input type="checkbox"/> Biological SSSI	<input type="checkbox"/> Other Nature Reserve
<input type="checkbox"/> Geological SINC <sup>1</sup>	<input type="checkbox"/> Geological SSSI <sup>1</sup>	<input type="checkbox"/> Heritage Site
<input type="checkbox"/> RIGS <sup>1</sup>	<input type="checkbox"/> Local Nature Reserve	<input type="checkbox"/> SAM <sup>2</sup>
Other:		
Notes:		

### OWNERSHIP

<input checked="" type="checkbox"/> Sheffield City Council	<input type="checkbox"/> Yorkshire Water	<input type="checkbox"/> Unknown
Other: Part privately owned.		
Notes: Westfield Plantation and the adjoining field are Council owned.		

### GEOLOGY

<input type="checkbox"/> Millstone Grit Series (Namurian)	<input checked="" type="checkbox"/> Lower Coal Measures (Westphalian A)	<input type="checkbox"/> Middle Coal Measures (Westphalian B)	<input type="checkbox"/> Upper Coal Measures (Westphalian C)
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<b>ALTITUDE</b>	75m to 100m	<b>SIZE</b>	
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### MAIN HABITATS

<input checked="" type="checkbox"/> Semi-natural woodland	<input type="checkbox"/> Improved grassland	<input type="checkbox"/> Marginal aquatic vegetation
<input checked="" type="checkbox"/> Ancient woodland	<input type="checkbox"/> Bracken	<input checked="" type="checkbox"/> Standing water
<input checked="" type="checkbox"/> Plantation	<input type="checkbox"/> Other tall herbs	<input checked="" type="checkbox"/> Running water
<input checked="" type="checkbox"/> Scrub	<input type="checkbox"/> Dry dwarf shrub heath	<input type="checkbox"/> Cliff/rock face/outcrop
<input type="checkbox"/> Parkland	<input type="checkbox"/> Wet dwarf shrub heath	<input type="checkbox"/> Scree
<input checked="" type="checkbox"/> Unimproved grassland	<input type="checkbox"/> Heath/grassland mosaic	<input type="checkbox"/> Quarry
<input type="checkbox"/> Semi-improved grassland	<input type="checkbox"/> Bog	<input type="checkbox"/> Spoil
<input type="checkbox"/> Acid grassland	<input type="checkbox"/> Flush/spring	<input checked="" type="checkbox"/> Hedgerow
<input checked="" type="checkbox"/> Neutral grassland	<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/> Urban common
Other:		

Notes: The Westfield Plantation SINC includes remnants of an ancient woodland together with small watercourses, and also an area of unimproved neutral grassland with scattered scrub. The Plantation is secondary woodland, dominated by sycamore and ash, but there are a number of species characteristic of ancient woodland, presumably derived from hedges incorporated into the plantation.

### BAP PRIORITY HABITATS PRESENT

LBAP	UKBAP
<input checked="" type="checkbox"/> Ancient woodland	<input type="checkbox"/> Lowland dry acid grassland
<input checked="" type="checkbox"/> Unimproved grassland	<input type="checkbox"/> Upland hay meadows
<input type="checkbox"/> Upland heathland	<input type="checkbox"/> Purple moor grass and rush pastures
<input type="checkbox"/> Lowland heathland	<input type="checkbox"/> Lowland heathland
<input checked="" type="checkbox"/> Ponds and standing water	<input checked="" type="checkbox"/> Ancient and/or species-rich hedgerows

Last revised on 14/12/20. For more information, contact the Ecology Unit on 0114 273 4481.

<sup>1</sup> Details of geological sites are held by Sheffield Museums Trust (0114 278 2650); <sup>2</sup> Details of archaeological sites are held by South Yorkshire Archaeology Service (0114 273 6428).

<input checked="" type="checkbox"/> Rivers and running water	<input type="checkbox"/> Upland oak woodland
<input type="checkbox"/> Ancient and species-rich hedgerows	<input type="checkbox"/> Wet woodland
<input type="checkbox"/> Urban common	

### MAIN BIOLOGICAL/CONSERVATION INTEREST

<input checked="" type="checkbox"/> Plants	<input checked="" type="checkbox"/> Birds	<input checked="" type="checkbox"/> LBAP Priority Species
<input type="checkbox"/> Fungi	<input type="checkbox"/> UKBAP Priority Habitat(s)	<input checked="" type="checkbox"/> National Red Data Species
<input type="checkbox"/> Invertebrates	<input checked="" type="checkbox"/> UKBAP Priority Species	<input type="checkbox"/> Local Red Data Species
<input checked="" type="checkbox"/> Mammals	<input checked="" type="checkbox"/> LBAP Priority Habitat(s)	<input checked="" type="checkbox"/> Protected species
Other:		
Selection criteria:		
Description: Four birds found here, songthrush, bullfinch, linnet and skylark, are Red Listed and UKBAP Priority species. Bluebell is (UKBAP) colonising secondary woodland from relict fragments of ancient woodland.		

### INTERESTED PARTIES

Moss Valley Wildlife Group
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### RECENT/ONGOING PROJECTS

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### MANAGEMENT RESPONSIBILITY

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### USE/MANAGEMENT

<input checked="" type="checkbox"/> Recreation	<input type="checkbox"/> Water storage	<input type="checkbox"/> Quarrying
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Sewage treatment	<input type="checkbox"/> Brownfield
<input type="checkbox"/> Forestry	<input type="checkbox"/> Flood control	<input checked="" type="checkbox"/> Nature conservation
Other:		
Notes:		

Additional notes:
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Last revised on 14/12/20. For more information, contact the Ecology Unit on 0114 273 4481.

<sup>1</sup>Details of geological sites are held by Sheffield Museums Trust (0114 278 2650); <sup>2</sup>Details of archaeological sites are held by South Yorkshire Archaeology Service (0114 273 6428).

<b>SITE NUMBER</b>	296	<b>GRID REF</b>	SK420828	<b>1:10,000 SHEET</b>	SK48SW
<b>SITE NAME</b>	Ochre Dike				
<b>NUMBER OF SUBSITES</b>	0				
<b>SUBSITE NAME</b>					
<b>SUBSITE GRID REFERENCE</b>					

### STATUS

<input checked="" type="checkbox"/> Biological SINC	<input type="checkbox"/> Biological SSSI	<input type="checkbox"/> Other Nature Reserve
<input type="checkbox"/> Geological SINC <sup>1</sup>	<input type="checkbox"/> Geological SSSI <sup>1</sup>	<input type="checkbox"/> Heritage Site
<input type="checkbox"/> RIGS <sup>1</sup>	<input type="checkbox"/> Local Nature Reserve	<input type="checkbox"/> SAM <sup>2</sup>
Other:		
Notes: According to the draft SDF, all watercourses should be designated Local Wildlife Sites. This site extends the green corridor in SE Sheffield, joining up with other LWSs Crystal Peaks Meadows, Westfield Plantation and Owlthorpe.		

### OWNERSHIP

<input checked="" type="checkbox"/> Sheffield City Council	<input type="checkbox"/> Yorkshire Water	<input type="checkbox"/> Unknown
Other: Some parts privately owned		
Notes:		

### GEOLOGY

<input type="checkbox"/> Millstone Grit Series (Namurian)	<input checked="" type="checkbox"/> Lower Coal Measures (Westphalian A)	<input checked="" type="checkbox"/> Middle Coal Measures (Westphalian B)	<input type="checkbox"/> Upper Coal Measures (Westphalian C)
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<b>ALTITUDE</b>	120 - 40 m	<b>SIZE</b>	6.93
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### MAIN HABITATS

<input checked="" type="checkbox"/> Semi-natural woodland	<input type="checkbox"/> Improved grassland	<input type="checkbox"/> Marginal aquatic vegetation
<input type="checkbox"/> Ancient woodland	<input type="checkbox"/> Bracken	<input checked="" type="checkbox"/> Standing water
<input type="checkbox"/> Plantation	<input type="checkbox"/> Other tall herbs	<input checked="" type="checkbox"/> Running water
<input checked="" type="checkbox"/> Scrub	<input type="checkbox"/> Dry dwarf shrub heath	<input type="checkbox"/> Cliff/rock face/outcrop
<input type="checkbox"/> Parkland	<input type="checkbox"/> Wet dwarf shrub heath	<input type="checkbox"/> Scree
<input type="checkbox"/> Unimproved grassland	<input type="checkbox"/> Heath/grassland mosaic	<input type="checkbox"/> Quarry
<input checked="" type="checkbox"/> Semi-improved grassland	<input type="checkbox"/> Bog	<input type="checkbox"/> Spoil
<input type="checkbox"/> Acid grassland	<input type="checkbox"/> Flush/spring	<input checked="" type="checkbox"/> Hedgerow
<input type="checkbox"/> Neutral grassland	<input type="checkbox"/> Marsh	<input type="checkbox"/> Urban common
Other:		
Notes:		

### BAP PRIORITY HABITATS PRESENT

LBAP	UKBAP
<input type="checkbox"/> Ancient woodland	<input type="checkbox"/> Lowland dry acid grassland
<input type="checkbox"/> Unimproved grassland	<input type="checkbox"/> Upland hay meadows
<input type="checkbox"/> Upland heathland	<input type="checkbox"/> Purple moor grass and rush pastures
<input type="checkbox"/> Lowland heathland	<input type="checkbox"/> Lowland heathland
<input checked="" type="checkbox"/> Ponds and standing water	<input type="checkbox"/> Ancient and/or species-rich hedgerows
<input checked="" type="checkbox"/> Rivers and running water	<input type="checkbox"/> Upland oak woodland
<input type="checkbox"/> Ancient and species-rich hedgerows	<input type="checkbox"/> Wet woodland

Last revised on 14/12/20. For more information, contact the Ecology Unit on 0114 273 4481.

<sup>1</sup>Details of geological sites are held by Sheffield Museums Trust (0114 278 2650); <sup>2</sup>Details of archaeological sites are held by South Yorkshire Archaeology Service (0114 273 6428).



<input type="checkbox"/> Urban common	
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### MAIN BIOLOGICAL/CONSERVATION INTEREST

<input type="checkbox"/> Plants	<input checked="" type="checkbox"/> Birds	<input checked="" type="checkbox"/> LBAP Priority Species
<input type="checkbox"/> Fungi	<input type="checkbox"/> UKBAP Priority Habitat(s)	<input type="checkbox"/> National Red Data Species
<input type="checkbox"/> Invertebrates	<input checked="" type="checkbox"/> UKBAP Priority Species	<input type="checkbox"/> Local Red Data Species
<input type="checkbox"/> Mammals	<input checked="" type="checkbox"/> LBAP Priority Habitat(s)	<input checked="" type="checkbox"/> Protected species

Other: Important connective habitat.

Selection criteria: UK and IBAP species and IBAP habitats as well as forming an important component of green infrastructure in this area of the City which links a number of Local Wildlife Sites.

Any of which are sufficient for LWS status.

Description: Linear site comprising a mosaic of habitats and features which links a number of Local Wildlife Sites in this part of the City. the mosaic of habitats and features are also utilised by a number of UK and IBAP species such as song thrush.

### INTERESTED PARTIES

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### RECENT/ONGOING PROJECTS

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### MANAGEMENT RESPONSIBILITY

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### USE/MANAGEMENT

<input checked="" type="checkbox"/> Recreation	<input type="checkbox"/> Water storage	<input type="checkbox"/> Quarrying
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Sewage treatment	<input type="checkbox"/> Brownfield
<input type="checkbox"/> Forestry	<input type="checkbox"/> Flood control	<input type="checkbox"/> Nature conservation

Other: Pony grazing in parts, other parts managed by SCC.

Notes:

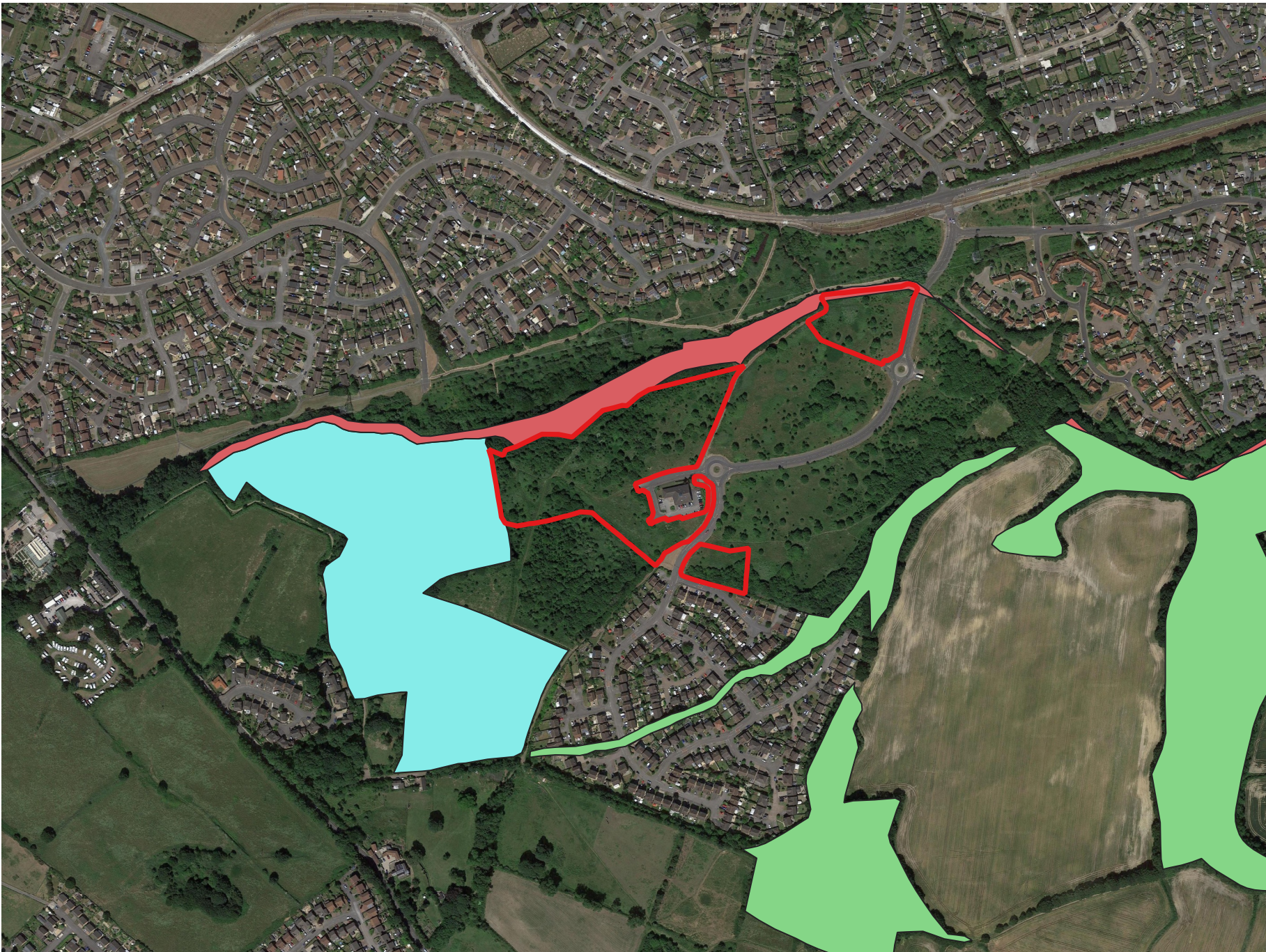
Additional notes: Need to make contact with private landowners and undertaken extended phase 1 survey of whole site.





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Last revised on 14/12/20. For more information, contact the Ecology Unit on 0114 273 4481.

<sup>1</sup>Details of geological sites are held by Sheffield Museums Trust (0114 278 2650); <sup>2</sup>Details of archaeological sites are held by South Yorkshire Archaeology Service (0114 273 6428).





-  Red line
- Local Wildlife Sites (LWS)
  -  Ochre Dike
  -  Owlthorpe
  -  Westfield Plantation



0 0.1 0.2 0.3 0.4 0.5 km

