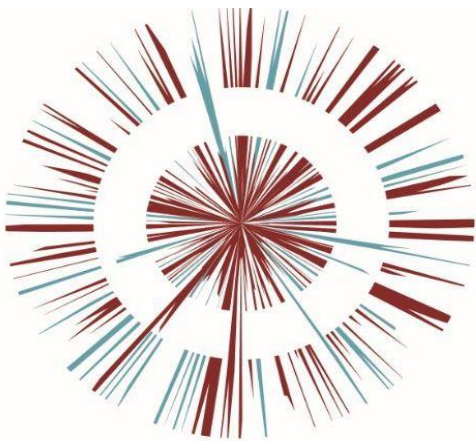




# **OMEGA ZONE 8, ST HELENS**

**Omega St Helens Ltd / T. J. Morris Limited**



**Document Title**  
**S Vol. 2 Appendix 9.4 Non-Statutory**  
**Citation Sheet Booths Wood**  
**Document No. OPP DOC.11.22c**

**Site Name:** Booth's Wood

**Site Area:** 6.34 hectares

**National Grid Reference:** SJ547904

**Date of Designation:** December 2003

**District:** St. Helens

**Date of Last Revision:** n/a

**Local Wildlife Site Number:** 114

**CITATION:** Deciduous plantation woodland dominated by Sycamore, Horse chestnut and Oak. A stream and ditch network runs through the woodland. The large pond in the south of the woodland is surrounded by rush pasture providing wetland habitat for a number of locally rare wetland species.

**APPRAISAL:** This site has been evaluated against the guidelines approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

<b>Guideline</b>		<b>Comment</b>
<b>HABITATS</b>		
H1;	Rarity	1 priority BAP habitat; 2 regionally important habitats.
H2;	Diversity	10 habitats recorded.
H3;	Nearness	37 sites within 1Km.
H4.	Isolation	--
<b>PLANTS</b>		
SP1;	Rarity	1 WCA_SC8 plant species; 1 species of conservation concern; 1 regionally important species; 3 locally rare species.
SP2;	Diversity	Total of 102 plant species. One of 58 sites with more than 100 species.
SP3;	Naturalness	92.2% of the plants are native to the borough. Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
<b>ANIMALS</b>		
General		
SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1.	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R1;	Population of native species.	--
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	--

SUMMARY: The combination of these factors has led to this site being identified as a Local Wildlife Site.

NOTE: Validated data from 1981 to December 2003 have been used in this assessment. Other data may become available to support this designation.

### **Status of features of nature conservation importance**

#### Habitats

<b>1 Priority BAP habitat</b>	Single species dominant swamp
<b>2 Regionally Important habitats</b>	Marshy grassland Standing water

#### Plants

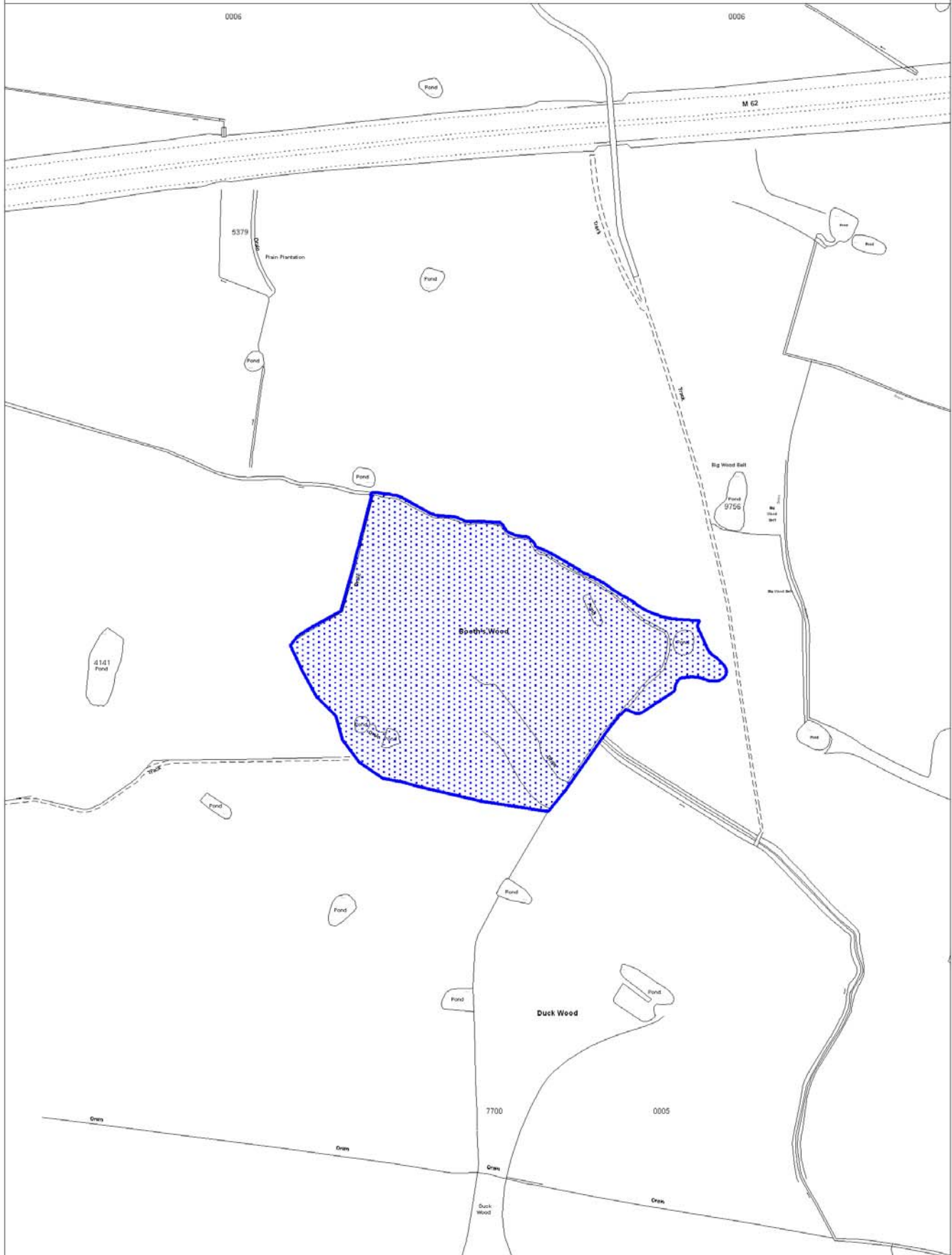
<b>1 Wildlife and Countryside Act – Schedule 8 species</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )
<b>1 Species of conservation concern</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )
<b>1 Regionally important species</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )
<b>3 Locally rare species</b>	Sea Club-rush ( <i>Bolboschoenus maritimus</i> ) Hybrid rush ( <i>Juncus kern-reichgeltii</i> ) Grey Club-rush ( <i>Schoenoplectus tabernaemontani</i> )

**Local Wildlife Site 114**  
**Booth's Wood**  
**Scale: 1:2,500**

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**Site Name:** Clock Face Colliery country park pond

**Site Area:** 0.12 hectares      **National Grid Reference:** SJ536915

**Date of Designation:** September 2016      **District:** St. Helens

**Date of Last Revision:** N/A      **Local Wildlife Site Number:** 119

**CITATION:** A pond within the country park which contains a population of great crested newts. Habitats within the country park will also provide important terrestrial habitat for this population.

**APPRAISAL:** This site has been evaluated against the guidelines approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

<b>Guideline</b>		<b>Comment</b>
<b>HABITATS</b>		
H1;	Rarity	2 priority BAP habitats; 2 regionally important habitat. 3 habitats recorded.
H2;	Diversity	
H3;	Nearness	
H4.	Isolation	
<b>PLANTS</b>		
SP1;	Rarity	1 regionally important species; 1 locally rare species. Total of XX plant species. XX% of the plants are native to the borough. Colonisation has been aided by man and the site has been physically altered.
SP2;	Diversity	
SP3;	Naturalness	
SP4.	Nationally Rare	
<b>ANIMALS</b>		
General		
SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1.	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	Guideline met – Great crested newt
A2.	Exceptional populations	--
Reptiles		
R1;	Population of native species.	--
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	--

**SUMMARY:** The combination of these factors has led to this site being identified as a Local Wildlife Site.

**NOTE:** Validated data from 1981 to September 2016 have been used in this assessment. Other data may become available to support this designation.

## Status of species of nature conservation importance

### Habitats

#### **2 Priority BAP habitat**

Standing water  
Unimproved neutral grassland

#### **2 Regionally important habitats (North West Biodiversity Audit)**

Standing water  
Unimproved neutral grassland

### Animals

#### **Amphibians**

**1 Habitats Regulations 2010 – Schedule 2 species**  
**1 Wildlife and Countryside Act – Schedule 5 species**

Great crested newt (*Triturus cristatus*)

**Site Name:** Dog Kennel Plantation

**Site Area:** 3.70 hectares

**National Grid Reference:** SJ542913

**Date of Designation:** December 2003

**District:** St. Helens

**Date of Last Revision:** N/A

**Local Wildlife Site Number:** 111

CITATION: A mature plantation of beech, oak and sycamore providing an important bird breeding site.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

Guideline		Comment
<b>HABITATS</b>		
H1;	Rarity	1 regionally important habitat.
H2;	Diversity	6 habitats recorded.
H3;	Nearness	51 sites within 1Km.
H4.	Isolation	--
<b>PLANTS</b>		
SP1;	Rarity	1 locally rare species
SP2;	Diversity	Total of 31 plant species.
SP3;	Naturalness	77.42% of the plants are native to the borough. Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
<b>ANIMALS</b>		
General		
SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	Guideline met – Woodland assemblage.
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1.	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R1;	Population of native species.	--
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	--

SUMMARY: The combination of these factors has led to this site being identified as a Local Wildlife Site.

NOTE: Validated data from 1981 to December 2003 have been used in this assessment. Other data may become available to support this designation.

## Status of features of nature conservation importance

### Habitats

**1 Regionally important habitats  
(North West Biodiversity Audit)**

Standing water

### Plants

**1 Locally rare species**

A moss (*Tortula muralis*)

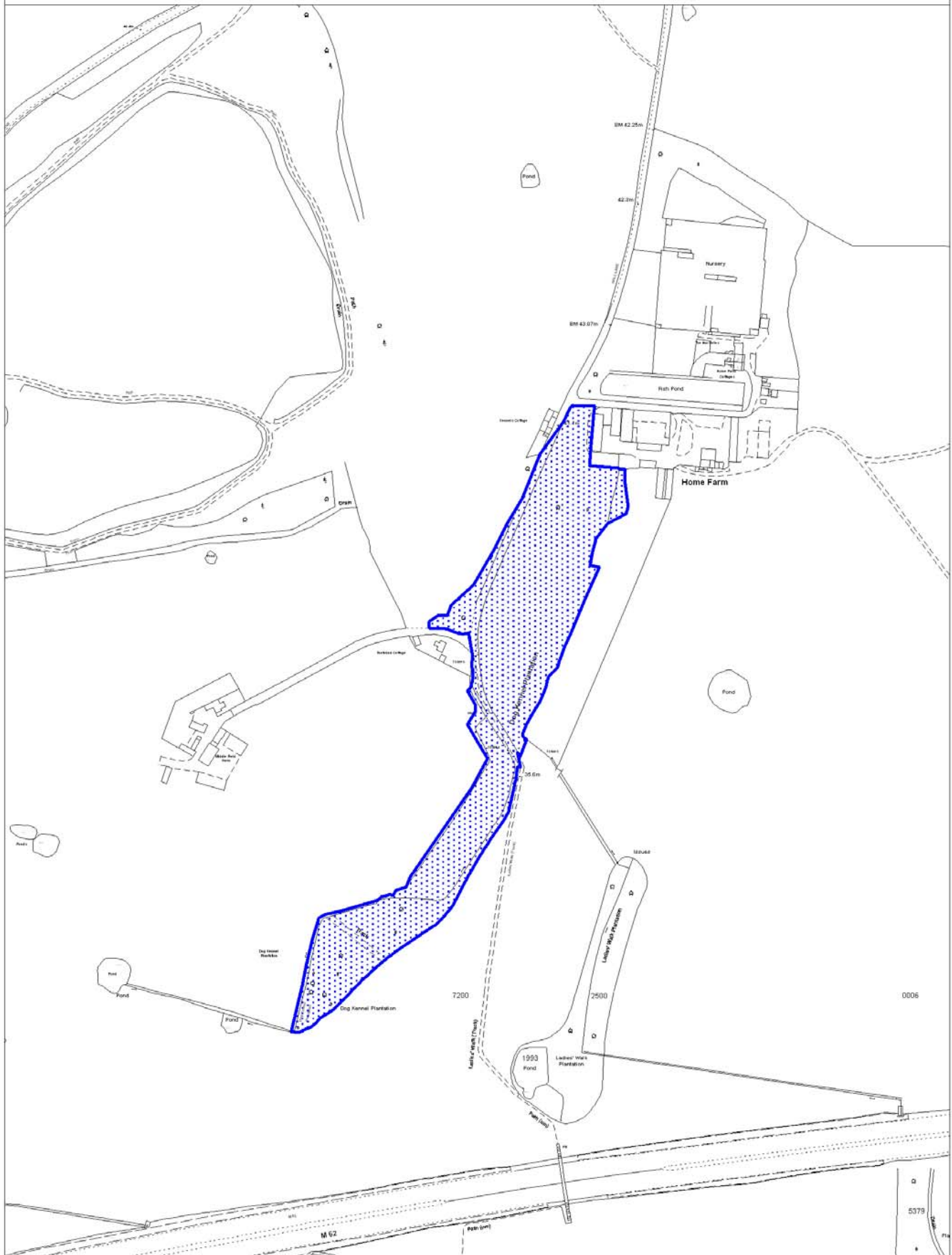


**Local Wildlife Site 111**  
**Dog Kennel Plantation**  
**Scale: 1:2,500**

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**Site Name:** Mersey Valley Golf Course

**Site Area:** 48.2 hectares

**National Grid Reference:** SJ542893

**Date of Designation:** December 2003

**District:** St. Helens

**Date of Last Revision:** n/a

**Local Wildlife Site Number:** 118

**CITATION:** A golf course containing a number of ponds and hedgerows. The ponds provide habitat for the regionally important species Rigid Hornwort, whilst the hedgerows contain a number of locally rare species.

**APPRAISAL:** This site has been evaluated against the guidelines approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

<b>Guideline</b>		<b>Comment</b>
<b>HABITATS</b>		
H1;	Rarity	1 regionally important habitat.
H2;	Diversity	8 habitats recorded.
H3;	Nearness	20 sites within 1Km.
H4.	Isolation	--
<b>PLANTS</b>		
SP1;	Rarity	1 regionally important species; 4 locally rare species.
SP2;	Diversity	Total of 116 plant species. One of 58 sites with more than 100 species.
SP3;	Naturalness	92.2% of the plants are native to the borough. Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	--
<b>ANIMALS</b>		
General		
SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1.	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R1;	Population of native species.	--
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	--

**SUMMARY:** The combination of these factors has led to this site being identified as a Local Wildlife Site.

NOTE: Validated data from 1981 to December 2003 have been used in this assessment. Other data may become available to support this designation.

### **Status of features of nature conservation importance**

#### Habitats

##### **1 Regionally Important habitats**

Standing water - ponds

#### Plants

##### **1 Regionally important species**

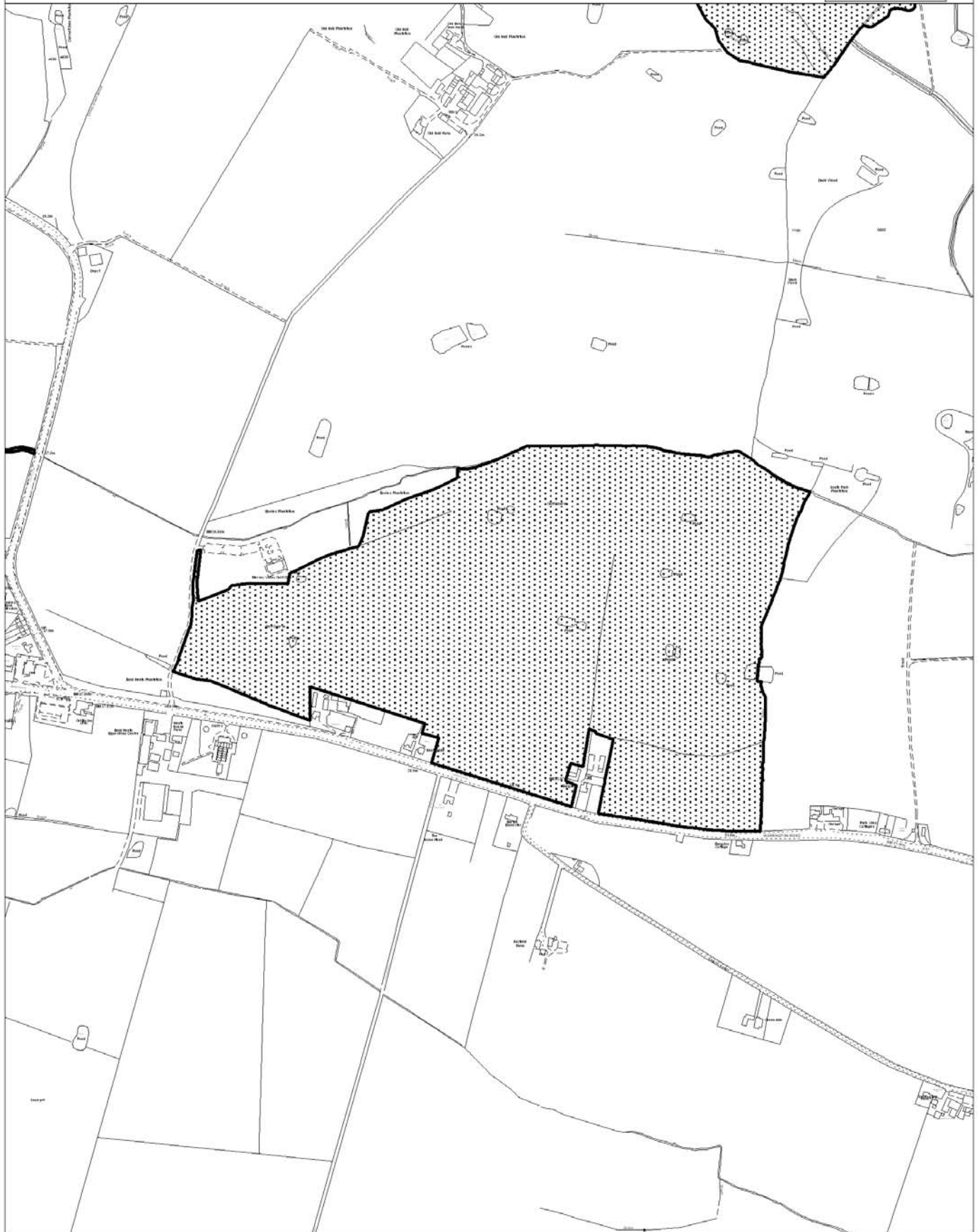
Rigid Hornwort (*Ceratophyllum demersum*)

##### **4 Locally rare species**

Sun Spurge (*Euphorbia helioscopia*)  
Black-bindweed (*Fallopia convolvulus*)  
Common fumitory (*Fumaria officinalis*)  
Hybrid willow (*Salix x reichardtii*)

**Local Wildlife Site Mersey Valley  
Golf Course  
Scale 1:5000**

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**Site Name:** Sutton Manor

**Site Area:** 62.8 hectares      **National Grid Reference:** SJ520906

**Date of Designation:** June 2017      **District:** St Helens

**Date of last revision:** N/A      **LWS Number:** 120

**CITATION:** An extensive mosaic of grassland, scrub, woodland and wetland habitats created on a former colliery. The site is owned and managed by the Forestry Commission and has a large expanse of developing plantation woodland intersected by grasslands. The geology of the site means it retains water and a large amount of wetland and marsh present. Water voles have been recorded on site and the site is well populated with bird species.

**APPRAISAL:** This site has been evaluated against the guidelines approved by the Council in February 2000 for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

Guideline		Comment
HABITATS		
H1; H2; H3; H4.	Rarity Diversity Nearness Isolation	4 regionally important; 12 habitats recorded. -- 4 sites within 1 Km.
PLANTS		
SP1; SP2;  SP3;  SP4.	Rarity Diversity  Naturalness  Nationally Rare	- Total of 134 plant species recorded. One of 58 sites with more than 100 species.  Over 80% of the plant species are native to the borough. Colonisation has been aided by man and the site has been physically altered. --
ANIMALS		
General SP5; Birds B1;  B2; B3; B4; B5.  Dragonflies	Rare/priority  Non-breeding population Breeding population Regional rare/scare Breeding assemblage Assemblage, breeding, wintering, passage.	

Od1. Od2.	Breeding Regional rare/scarce	Guideline met- Water vole ( <i>Arvicola amphibius</i> )
Butterflies Bf1; Bf2.	Region rare breeding Breeding assemblage	
Amphibians A1; A2.	Rarity Exceptional populations	
Reptiles R1; R2;	Population of native species Exceptional population	
Bats Bat1; Bat2.	Roost Assemblage	
Mammals Mam1.	Breeding	

**SUMMARY:** The combination of these factors has led to this site being identified as a Local Wildlife Site.

**NOTE:** Validated data from 1981 to June 2017 have been used in this assessment. Other data may become available to support this designation

**Status of features of nature conservation importance**

**Habitats**

**4 Regionally Important habitats  
(North West Biodiversity Audit)**

Standing water  
Unimproved neutral grassland  
Swamp  
Scrub

**Species**

**1 Nationally Important Species**

Water vole (*Arvicola terrestris*)

**1 Wildlife & Countryside Act – Schedule 5  
species**

Water vole (*Arvicola terrestris*)

**Site Name:** Whittle Brook

**Site Area:** 0.82 hectares

**National Grid Reference:** SJ522901

**Date of Designation:** December 2003

**District:** St. Helens

**Date of Last Revision:** n/a

**Local Wildlife Site Number:** 117

CITATION: A stretch of Whittle Brook which provides habitat for Water voles.

APPRAISAL: This site has been evaluated against the guidelines approved by the Council for selection of Local Wildlife Sites. The site's evaluation against the guidelines is set out below.

Guideline		Comment
<b>HABITATS</b>		
H1;	Rarity	--
H2;	Diversity	4 habitats recorded.
H3;	Nearness	36 sites within 1Km.
H4.	Isolation	--
<b>PLANTS</b>		
SP1;	Rarity	1 WCA_SC8 plant species; 1 species of conservation concern; 1 regionally important species.
SP2;	Diversity	Total of 25 plant species.
SP3;	Naturalness	92% of the plants are native to the borough. Colonisation has been aided by man and the site has been physically altered.
SP4.	Nationally Rare	
<b>ANIMALS</b>		
General		
SP5;	Rare/priority	--
Birds		
B1;	Non-breeding population	--
B2;	Breeding population	--
B3;	Regional rare/scare	--
B4;	Breeding assemblage	--
B5.	Assemblage, breeding, wintering, passage.	--
Dragonflies		
Od1.	Breeding	--
Od2.	Regional rare/scarce	--
Butterflies		
Bf1;	Region rare breeding	--
Bf2.	Breeding assemblage	--
Amphibians		
A1;	Rarity	--
A2.	Exceptional populations	--
Reptiles		
R1;	Population of native species.	--
R2;	Exceptional population	--
Bats		
Bat1;	Roost	--
Bat2.	Assemblage	--
Mammals		
Mam1.	Breeding	Guideline met – Water voles.

SUMMARY: The combination of these factors has led to this site being identified as a Local Wildlife Site.

NOTE: Validated data from 1981 to December 2003 have been used in this assessment. Other data may become available to support this designation.

## Status of features of nature conservation importance

### Plants

<b>1 Wildlife and Countryside Act – Schedule 8 species</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )
<b>1 Species of conservation concern (UK Biodiversity Action Plan species)</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )
<b>1 Regionally important species (North West Biodiversity Audit)</b>	English bluebell ( <i>Hyacinthoides non-scripta</i> )

### Animals

#### **Mammals**

<b>1 Wildlife and Countryside Act – Schedule 5 species</b>	Water voles ( <i>Arvicola terrestris</i> )
--	--



**Local Wildlife Site 117**  
**Whittle Brook**  
**Scale: 1:5,000**

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