Site Name:	Mill Brook 04		
Site Area:	0.20 hectares	National Grid Reference:	SJ487958
Date of Designation:	December 2003	District:	St. Helens
Date of Last Revision:	N/A	Local Site Number:	63

CITATION: A continuation of Mill Brook. This section of brook provides habitat for Water vole. Good habitat diversity with open flowing water course.

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

Guideline		Comment
HABITATS		
H1;	Rarity	2 regionally important habitats.
H2;	Diversity	9 habitats recorded.
H3;	Nearness	22 sites within 1 Km.
H4.	Isolation	
PLANTS	130/41/011	
SP1;	Rarity	1 WCA_SC8 plant species; 1 species of conservation concern; 1
	Ranty	regionally important species; 1 locally rare species.
SP2;	Diversity	Total of 56 plant species.
SP3;	Naturalness	92.9% of the plants are native to the borough. Colonisation has
010,	Naturainess	been aided by man and the site has been physically altered.
SP4.	Nationally Rare	
ANIMALS		
General		
SP5;	Rare/priority	
Birds	Raiciphonty	
B1;	Non-breeding	
D 1,	population	
B2;	Breeding population	
B3;	Regional rare/scare	
B4;	Breeding assemblage	
B5.	Assemblage, breeding,	
20.	wintering, passage.	
	Winternig, paecage:	
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 vole.

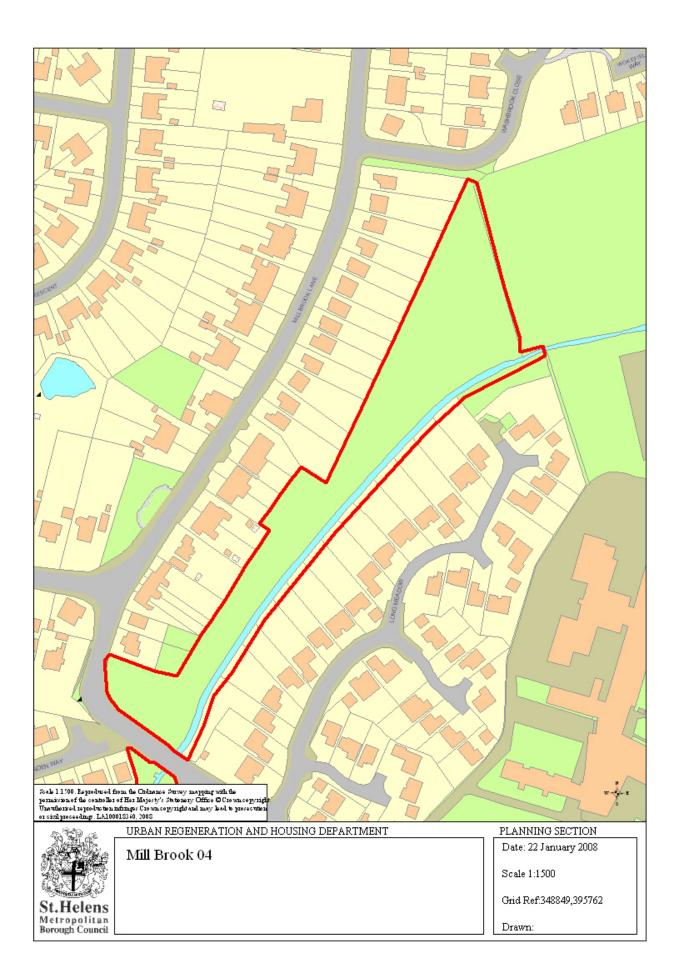
SUMMARY: The combination of these factors has led to this site being identified as a Local Site.

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

2 Regionally important habitats (North West Biodiversity Audit)	Marshy grassland Standing water - pond
Habitats	
1 Wildlife and Countryside Act – Schedule 8 species	English bluebell (Hyacinthoides non-scripta)
1 Species of conservation concern (UK Biodiversity Action Plan species)	English bluebell (Hyacinthoides non-scripta)
1 Regionally important species (North West Biodiversity Audit)	English bluebell (Hyacinthoides non-scripta)
1 Locally rare species	Hemlock (Conium maculatum)
Animals	
Mammals 1 Wildlife and Countryside Act – Schedule 5 species	Water vole (Arvicola aquaticus)



Prepared by Chris Bennett, Merseyside EAS