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ECOLOGICAL RECORDS SEARCH

FOR

**NEW MILL ROAD,
HOLMFIRTH,
HD9 7LN**

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Prepared For Sue Whitcher

Whitcher Wildlife Ltd

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1 Introduction

This report provides a summary of the protected and notable species, and designated sites information held by West Yorkshire Ecology (WYE) within 2km of grid reference SE 148 093.

The information within this report is supplied subject to WYE's 'Terms and Conditions', which can be viewed on the WYE website (<http://www.ecology.wyjs.org.uk>).

2 Species

West Yorkshire Ecology holds the following records within your defined search area.

BIRDS

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE150105	Mallard	<i>Anas platyrhynchos</i>	1970 - 1988	field record		BoCC:Amber	1,216
SE147083	Meadow Pipit	<i>Anthus pratensis</i>	08/04/2011 - 02/07/2011	nest	1 Count of Breeding Pair	BoCC:Amber	1,005
SE150105	Tree Pipit	<i>Anthus trivialis</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE1438908853	Swift	<i>Apus apus</i>	01/08/2011	nest	1 Count	BoCC:Amber; WYBAP	606
SE147083	Swift	<i>Apus apus</i>	08/04/2011 - 02/07/2011	field record		BoCC:Amber; WYBAP	1,005
SE1670908637	Swift	<i>Apus apus</i>	01/07/2012	field record		BoCC:Amber; WYBAP	2,016
SE147083	Linnet	<i>Carduelis cannabina</i>	08/04/2011 - 02/07/2011	nest	1 Count of Breeding Pair; 4 Count of Juvenile	BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,005
SE147083	Goldfinch	<i>Carduelis carduelis</i>	08/04/2011 - 02/07/2011	field record		Kirklees BAP	1,005
SE150105	Goldfinch	<i>Carduelis carduelis</i>	1970 - 1988	field record		Kirklees BAP	1,216
SE150105	Cuckoo	<i>Cuculus canorus</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP	1,216

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE150105	Pied Flycatcher	<i>Ficedula hypoleuca</i>	1970 - 1988	field record		BoCC:Amber	1,216
SE1461410632	Swallow	<i>Hirundo rustica</i>	May-14	field record		BoCC:Amber; WYBAP; Kirklees BAP	1,344
SE1477410541	Swallow	<i>Hirundo rustica</i>	01/08/2012	nest	1 Count	BoCC:Amber; WYBAP; Kirklees BAP	1,241
SE145092	Grey Wagtail	<i>Motacilla cinerea</i>	19/02/2008	field record		BoCC:Amber	315
SE150105	Grey Wagtail	<i>Motacilla cinerea</i>	1970 - 1988	field record		BoCC:Amber	1,216
SE150105	Spotted Flycatcher	<i>Muscicapa striata</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE147083	House Sparrow	<i>Passer domesticus</i>	08/04/2011 - 02/07/2011	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,005
SE150105	House Sparrow	<i>Passer domesticus</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE150105	Wood Warbler	<i>Phylloscopus sibilatrix</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE150105	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988	field record		BoCC:Amber	1,216
SE150105	Green Woodpecker	<i>Picus viridis</i>	1970 - 1988	field record		BoCC:Amber	1,216
SE147083	Dunnock	<i>Prunella modularis</i>	08/04/2011 - 02/07/2011	field record	1 Count of Adult Male	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,005
SE150105	Dunnock	<i>Prunella modularis</i>	1970 - 1988	field record		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,216
SE150105	Woodcock	<i>Scolopax rusticola</i>	1970 - 1988	field record		BoCC:Amber; Kirklees BAP	1,216
SE147083	Starling	<i>Sturnus vulgaris</i>	08/04/2011 -	field record		BoCC:Red; UKBAP;	1,005

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
			02/07/2011			WYBAP; Kirklees BAP	
SE150105	Starling	<i>Sturnus vulgaris</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE147083	Whitethroat	<i>Sylvia communis</i>	08/04/2011 - 02/07/2011	field record		BoCC:Amber	1,005
SE150105	Redwing	<i>Turdus iliacus</i>	1970 - 1988	field record		Sch1_part1; BoCC:Red	1,216
SE150105	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988	field record		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,216
SE150105	Fieldfare	<i>Turdus pilaris</i>	1970 - 1988	field record		Sch1_part1; BoCC:Red	1,216
SE150105	Mistle Thrush	<i>Turdus viscivorus</i>	1970 - 1988	field record		BoCC:Amber	1,216

PLANTS

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1454309233	Japanese Knotweed	<i>Fallopia japonica</i>	19/02/2008	field record		Sch9_part2	265
SE150105	Japanese Knotweed	<i>Fallopia japonica</i>	20/06/2001	field record	O Range of DAFOR	Sch9_part2	1,216
SE150105	Japanese Knotweed	<i>Fallopia japonica</i>	29/05/1996	field record	O Range of DAFOR	Sch9_part2	1,216
SE13130976	Bluebell	<i>Hyacinthoides non-scripta</i>	23/06/2001	field record		Sch8_sect 13.2; Kirklees BAP	1,728
SE150105	Bluebell	<i>Hyacinthoides non-scripta</i>	29/05/1996	field record	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,216
SE150105	Bluebell	<i>Hyacinthoides non-scripta</i>	20/06/2001	field record	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,216
SE150105	Indian Balsam	<i>Impatiens glandulifera</i>	29/05/1996	field record	R Range of DAFOR	Sch9_part2	1,216

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE150105	Indian Balsam	<i>Impatiens glandulifera</i>	20/06/2001	field record	R Range of DAFOR	Sch9_part2	1,216

INVERTEBRATES - BEETLES

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE150080	Aphodius paykulli	<i>Aphodius paykulli</i>	Unknown	field record		Notable:B	1,315
SE164088	Gymnusa variegata	<i>Gymnusa variegata</i>	Unknown	field record		Notable	1,672
SE150105	Hylecoetus dermestoides	<i>Hylecoetus dermestoides</i>	Unknown	field record		Notable:B	1,216
SE164088	Quedius fulvicollis	<i>Quedius fulvicollis</i>	Unknown	field record		Notable:B	1,672

INVERTEBRATES - BUTTERFLIES

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE147083	Small Heath	<i>Coenonympha pamphilus</i>	08/04/2011 - 02/07/2011	field record		UKBAP	1,005

INVERTEBRATES - MOTHS

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE147083	Ghost Moth	<i>Hepialus humuli</i>	08/04/2011 - 02/07/2011	field record		UKBAP	1,005

REPTILES

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1408	Grass Snake	<i>Natrix natrix</i>	1913	field record		Sch5_sect9.1 (part) & 9.5; UKBAP;	1,525

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
						WYBAP; Kirklees BAP	

TERRESTRIAL MAMMALS

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE14411008	Unidentified Bat	<i>Myotis</i>	10/09/2012	Roost (transitional)	1 Count	Sch5	871
SE1471809616	Unidentified Bat	<i>Myotis</i>	01/07/2009	field record		Sch5	326
SE162088	Unidentified Bat	<i>Myotis</i>	26/05/2006	field record	1 Count of Adult	Sch5	1,483
SE13780789	Daubenton's Bat	<i>Myotis daubentoni</i>	01/06/2012	field record	2 Count	Sch5; WYBAP; Kirklees BAP	1,738
SE143088	Daubenton's Bat	<i>Myotis daubentoni</i>	04/08/2011	field record	2 Count	Sch5; WYBAP; Kirklees BAP	706
SE1442608149	Lesser Noctule Bat	<i>Nyctalus leisleri</i>	15/07/2008	Roost	1 Count of Roost	Sch5; WYBAP; Kirklees BAP	1,210
SE149112	Lesser Noctule Bat	<i>Nyctalus leisleri</i>	10/10/2008	aural bat detector		Sch5; WYBAP; Kirklees BAP	1,902
SE13780789	Noctule	<i>Nyctalus noctula</i>	01/06/2012	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,738
SE14411008	Noctule	<i>Nyctalus noctula</i>	15/09/2012	field record	2 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	871
SE1461410632	Noctule	<i>Nyctalus noctula</i>	May-14	field record		Sch5; UKBAP; WYBAP; Kirklees BAP	1,344
SE1463211163	Noctule	<i>Nyctalus noctula</i>	05/09/2013	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,870

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1464510674	Noctule	<i>Nyctalus noctula</i>	May-14	foraging		Sch5; UKBAP; WYBAP; Kirklees BAP	1,382
SE147088	Noctule	<i>Nyctalus noctula</i>	30/06/2008	aural bat detector		Sch5; UKBAP; WYBAP; Kirklees BAP	510
SE15630931	Noctule	<i>Nyctalus noctula</i>	27/08/2013	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	828
SE1442107983	Pipistrellus	<i>Pipistrellus</i>	22/08/2005	Roost		Sch5	1,370
SE1460607543	Pipistrellus	<i>Pipistrellus</i>	07/06/2005	Roost	19 Count of Adult	Sch5	1,767
SE1292609445	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Jun-14	foraging		Sch5; WYBAP; Kirklees BAP	1,874
SE1306909743	Pipistrelle	<i>Pipistrellus pipistrellus</i>	09/09/2010	Roost (transitional)	1 Count	Sch5; WYBAP; Kirklees BAP	1,782
SE1344208097	Pipistrelle	<i>Pipistrellus pipistrellus</i>	14/08/2012	Roost (transitional)	1 Count	Sch5; WYBAP; Kirklees BAP	1,811
SE1348009940	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/05/2012	field record		Sch5; WYBAP; Kirklees BAP	1,463
SE13780789	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/06/2012	field record	2 Count	Sch5; WYBAP; Kirklees BAP	1,738
SE1412108096	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Jun-14	foraging		Sch5; WYBAP; Kirklees BAP	1,381
SE14230739	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/06/2012	field record	5 Count	Sch5; WYBAP; Kirklees BAP	1,992
SE1423208961	Pipistrelle	<i>Pipistrellus pipistrellus</i>	15/04/2010	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	660
SE1429908648	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/08/2010	field record		Sch5; WYBAP;	821

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
						Kirklees BAP	
SE143088	Pipistrelle	<i>Pipistrellus pipistrellus</i>	04/08/2011	field record	7 Count	Sch5; WYBAP; Kirklees BAP	706
SE1432410083	Pipistrelle	<i>Pipistrellus pipistrellus</i>	24/08/2009	field record		Sch5; WYBAP; Kirklees BAP	915
SE1433508815	Pipistrelle	<i>Pipistrellus pipistrellus</i>	04/08/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	671
SE1436409174	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/08/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	453
SE1437209146	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	23/06/2008	Roost		Sch5; WYBAP; Kirklees BAP	454
SE1437708825	Pipistrelle	<i>Pipistrellus pipistrellus</i>	05/08/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	635
SE1438908853	Pipistrelle	<i>Pipistrellus pipistrellus</i>	04/08/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	606
SE144081	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	15/07/2008	aural bat detector		Sch5; WYBAP; Kirklees BAP	1,264
SE14411008	Pipistrelle	<i>Pipistrellus pipistrellus</i>	11/09/2012	Roost (transitional)	1 Count	Sch5; WYBAP; Kirklees BAP	871
SE14411008	Pipistrelle	<i>Pipistrellus pipistrellus</i>	15/09/2012	field record	5 Count	Sch5; WYBAP; Kirklees BAP	871
SE1442608149	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	12/05/2008	Roost		Sch5; WYBAP; Kirklees BAP	1,210
SE1451409139	Pipistrelle	<i>Pipistrellus pipistrellus</i>	16/05/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	327
SE1452609139	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	Unknwn	Roost (maternity)		Sch5; WYBAP; Kirklees BAP	317

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1453309132	Pipistrelle	<i>Pipistrellus pipistrellus</i>	07/06/2011	Roost	1 Count	Sch5; WYBAP; Kirklees BAP	315
SE1461410632	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14	foraging		Sch5; WYBAP; Kirklees BAP	1,344
SE1463211163	Pipistrelle	<i>Pipistrellus pipistrellus</i>	05/09/2013	field record	2 Count	Sch5; WYBAP; Kirklees BAP	1,870
SE1464510674	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14	foraging		Sch5; WYBAP; Kirklees BAP	1,382
SE147088	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	30/06/2008	aural bat detector		Sch5; WYBAP; Kirklees BAP	510
SE1471809616	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/07/2009	field record		Sch5; WYBAP; Kirklees BAP	326
SE1477410541	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/08/2012	field record		Sch5; WYBAP; Kirklees BAP	1,241
SE1479509156	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Jul-14	Roost (possible)		Sch5; WYBAP; Kirklees BAP	144
SE1485209830	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/06/2013	field record		Sch5; WYBAP; Kirklees BAP	532
SE149112	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	10/10/2008	aural bat detector		Sch5; WYBAP; Kirklees BAP	1,902
SE1512509524	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14	field record		Sch5; WYBAP; Kirklees BAP	394
SE1512509524	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14	Roost		Sch5; WYBAP; Kirklees BAP	394
SE1514709788	Pipistrelle	<i>Pipistrellus pipistrellus</i>	27/11/2008	field record		Sch5; WYBAP; Kirklees BAP	598
SE152101	Pipistrelle	<i>Pipistrellus pipistrellus</i>	30/09/2014	Roost		Sch5; WYBAP;	894

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
						Kirklees BAP	
SE152101	Pipistrelle	<i>Pipistrellus pipistrellus</i>	22/09/2014	Roost		Sch5; WYBAP; Kirklees BAP	894
SE1531209968	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Jun-14	foraging	2 Count	Sch5; WYBAP; Kirklees BAP	841
SE1532210148	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Sep-14	Roost		Sch5; WYBAP; Kirklees BAP	995
SE15630931	Pipistrelle	<i>Pipistrellus pipistrellus</i>	27/08/2013	field record	2 Count	Sch5; WYBAP; Kirklees BAP	828
SE161088	Pipistrelle	<i>Pipistrellus pipistrellus</i>	12/06/2006	aural bat detector		Sch5; WYBAP; Kirklees BAP	1,389
SE161088	Pipistrelle	<i>Pipistrellus pipistrellus</i>	12/06/2006	aural bat detector		Sch5; WYBAP; Kirklees BAP	1,389
SE1668508680	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/07/2012	Roost (maternity)	1 Count	Sch5; WYBAP; Kirklees BAP	1,979
SE1668508681	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/05/2012	Roost	150 Count	Sch5; WYBAP; Kirklees BAP	1,979
SE1670908637	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/07/2012	field record		Sch5; WYBAP; Kirklees BAP	2,016
SE14230739	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	01/06/2012	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,992
SE14411008	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	15/09/2012	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	871
SE1463211163	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	05/09/2013	field record	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,870

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE13310810	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	08/05/2006	Grounded	1 Count of Adult	Sch5	1,910
SE1395009753	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	25/04/2008	Roost		Sch5	961
SE14420911	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	10/08/2007	in building	1 Count of Adult	Sch5	424
SE146103	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	06/12/2007	Roost (hibernacula)	2 Count of Adult	Sch5	1,019
SE15041122	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	09/09/2004	in building	1 Count of Adult	Sch5	1,934
SE151112	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	07/06/2011	Roost (maternity)	15 Count of Adult	Sch5	1,923
SE151112	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	18/06/2011	Roost (maternity)	23 Count of Adult	Sch5	1,923
SE1517610607	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	29/08/2006	in building	1 Count of Adult	Sch5	1,359
SE1463211163	Brown Long-Eared Bat	<i>Plecotus auritus</i>	02/09/2013	field record		Sch5; UKBAP; WYBAP; Kirklees BAP	1,870
SE149112	Brown Long-eared Bat	<i>Plecotus auritus</i>	10/10/2008	aural bat detector		Sch5; UKBAP; WYBAP; Kirklees BAP	1,902
SE1367608204	Vesper Bat species	<i>Vespertilionidae</i>	01/08/2003	Roost		Sch5	1,567
SE139080	Vesper Bat species	<i>Vespertilionidae</i>	20/09/2007	Grounded	1 Count of Adult	Sch5	1,579
SE140080	Bats	<i>Vespertilionidae</i>	May-14	Roost	present Count of Roost	Sch5	1,525
SE141083	Vesper Bat species	<i>Vespertilionidae</i>	1997	field record		Sch5	1,219
SE1414009060	Vesper Bat species	<i>Vespertilionidae</i>	19/07/2005	Roost		Sch5	701
SE142086	Bats	<i>Vespertilionidae</i>	01/08/2010	droppings		Sch5	921
SE1442107983	Bats	<i>Vespertilionidae</i>	2005	Roost (possible)		Sch5	1,370
SE1442107983	Vesper Bat species	<i>Vespertilionidae</i>	26/07/2001	Roost (excluded)		Sch5	1,370
SE1447708051	Vesper Bat species	<i>Vespertilionidae</i>	24/07/2003	Roost	2 Count of Adult	Sch5	1,289

Grid Ref	Common Name	Latin Name	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1452609139	Bats	<i>Vespertilionidae</i>	2005	Roost		Sch5	317
SE1460507543	Bats	<i>Vespertilionidae</i>	2005	Roost		Sch5	1,767
SE1470909926	Vesper Bat species	<i>Vespertilionidae</i>	30/03/2006	Roost		Sch5	632
SE1471909971	Bats	<i>Vespertilionidae</i>	2008	Roost		Sch5	676
SE151111	Vesper Bat species	<i>Vespertilionidae</i>	08/07/2002	Roost		Sch5	1,824
SE1516111199	Vesper Bat species	<i>Vespertilionidae</i>	15/09/2000	Roost		Sch5	1,932
SE1520109444	Vesper Bat species	<i>Vespertilionidae</i>	13/10/2003	Roost		Sch5	425
SE15211124	Vesper Bat species	<i>Vespertilionidae</i>	08/07/2003	Injured	1 Count of Adult	Sch5	1,982
SE1530710973	Vesper Bat species	<i>Vespertilionidae</i>	26/10/2000	Roost		Sch5	1,747
SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	10/07/2003	Roost (maternity)	196 Count of Adult	Sch5	1,912
SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	04/07/2007	Roost (maternity)		Sch5	1,912
SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	04/07/2007	Roost (maternity)	not recorded Range	Sch5	1,912
SE15600894	Vesper Bat species	<i>Vespertilionidae</i>	29/01/2003	in building	1 Count of Adult	Sch5	875
SE1568307765	Bats	<i>Vespertilionidae</i>	2003	Roost (possible)		Sch5	1,769
SE1574208930	Vesper Bat species	<i>Vespertilionidae</i>	01/07/2005	Roost	59 Count of Adult	Sch5	1,010
SE1613110242	Bats	<i>Vespertilionidae</i>	18/10/1999	in building		Sch5	1,627
SE1618608928	Bats	<i>Vespertilionidae</i>	Sep-14	foraging		Sch5	1,431
SE16501039	Vesper Bat species	<i>Vespertilionidae</i>	10/08/2005	field record		Sch5	2,015

3 Designated sites

3.1 INTERNATIONALLY DESIGNATED SITE

3.1.1 Special Protection Areas

There are no Special Protection Areas within your search area.

3.1.2 Special Areas of Conservation

There are no Special Areas of Conservation within your search area.

3.2 NATIONALLY DESIGNATED SITES

3.2.1 Sites of Special Scientific Interest

There are no Sites of Special Scientific Interest within the search area.

3.3 LOCALLY DESIGNATED SITES

3.3.1 Sites of Scientific Interest

'Sites of Scientific Interest' (SSI) are areas identified by the relevant local authority as being important for their flora and fauna. They are of county wide importance. Sites recorded include:

- Hagg Wood

Citations for SSIs are provided in Appendix B.

3.3.2 Local Wildlife Sites

West Yorkshire is currently going through a process of merging 2nd and 3rd tier local sites into a single Local Wildlife Site (LWS) designation. Sites should be given the same protection as SSIs, as set out in UDPs/LDFs.

- Cliff Wood
- Holmroyd Wood
- Round Wood

Citations for LWS are provided in Appendix B.

Please refer to the link below for the West Yorkshire Local Wildlife Site Selection Criteria.
<http://www.ecology.wyjs.org.uk/wyjs-ecology-ls.asp>

3.3.3 Kirklees – Sites of Wildlife Significance

Kirklees – Sites of Wildlife Significance (SWS) are sites of local or district-wide importance for the enjoyment, study or conservation of wildlife, geological features and landforms, but there is seldom detailed ecological information on record for them. Sites recorded include:

- Cliff Wood

See Figure 1 for Kirklees Wildlife Habitat Network data.

Wildlife Habitat Network data for Kirklees can be found on the link below:
<http://www.kirklees.gov.uk/business/regeneration/udp/UDP.aspx>

“D6 – Green corridor” download Proposals Maps (Bottom of webpage)
 “3 the natural environment” download pdf page 7

NE5 development proposals involving land identified on the proposals map as part of a wildlife corridor should make provision for the retention of the corridor and the protection of the wildlife value of the land.

3.3.4 Local Nature Reserves

There are no Local Nature Reserves (LNR) within your search area.

3.3.5 Local Geological Sites

There is a Local Geological Site (Regionally Important Geological Site (RIGS)) within your search area, namely Brockholes and Round Wood. RIGS are areas identified as being important for their geological features. More details of this or other RIGS sites can be obtained from the West Yorkshire Geology Trust (team@wyorksgeologytrust.org).

RIGS citations are provided in Appendix B.

Appendix A. Explanation of Species Designations

Wildlife and Countryside Act 1981 – main designations cited

Abbreviation	Full Name	Description	Offences include, but not limited to
Sch1_part1	Schedule 1, Part 1	Birds which are protected by special penalties at all times	<ul style="list-style-type: none"> disturb any specially protected bird while it is building its nest; disturb any specially protected bird while it is near a nest containing eggs or young; or disturb the young of any of these birds before they are wholly independent.
Sch1_part2	Schedule 1, Part 2	Birds which are protected by special penalties during the close season	
Sch5	Schedule 5	Animals which are protected	<ul style="list-style-type: none"> intentional or reckless killing, injuring, taking; damage to, destruction of, obstruction of access to any structure or place used by a scheduled animal for shelter or protection; and disturbance of animal occupying such a structure or place.
Sch5_sect9.1	Schedule 5, Section 9(1)	Animals which are protected from killing and/or taking	<ul style="list-style-type: none"> intentional killing, injuring and/or taking <p>NB: certain species are only partly protected by this section. Check primary legislation for details.</p>
Sch5_sect9.5	Schedule 5, Section 9(5)	Animals which are protected from sale	<ul style="list-style-type: none"> selling, offering for sale, possessing or transporting for the purpose of sale (live or dead animal, part or derivative); and advertising for buying or selling such things
Sch8	Schedule 8	Plants which are fully protected	<ul style="list-style-type: none"> pick, uproot, trade in, or possess (for the purposes of trade).
Sch8_sect 13.2 (sale only)	Schedule 8, Sections 13(2a+2b)	Plants which are protected from sale only	<ul style="list-style-type: none"> selling, offering for sale, possessing or transporting for the purpose of sale, any plant (live or dead, part or derivative) + advertising for buying or selling such things
Sch9_part1	Schedule 9, Part 1	Animals which are established in the wild.	<ul style="list-style-type: none"> the release of animals and planting of plants listed in Schedule 9. the above offences can be made legal through the granting of licences by the appropriate authorities. <p>NB: <i>Tyto alba</i> refers to captive bred only.</p>
Sch9_part2	Schedule 9, Part 2	Plants which are established in the wild.	

Biodiversity Action Plans

Abbreviation

UKBAP
WYBAP
Bradford BAP
Calderdale BAP
Kirklees BAP
Leeds BAP
Wakefield BAP

Full Name

UK Biodiversity Action Plan
West Yorkshire Priority Species List
Bradford Biodiversity Action Plan
Calderdale Biodiversity Action Plan
Kirklees Biodiversity Action Plan
Leeds Biodiversity Action Plan
Wakefield Biodiversity Action Plan

Birds of Conservation Concern (BOCC) 2009

List

Red

Description

High conservation concern

Amber Medium conservation concern
Red Data Book Categories (Based on ICUN Guidelines)

Abbreviation	Full Name
EX	Extinct
EW	Extinct in the Wild
CR	Critically Endangered
VU	Vulnerable
NT	Near Threatened
LC	Least Concern
DD	Data Deficient
NE	Not Evaluated

Nationally Notable Invertebrates:

Abbreviation	Full Name	Description
NR	Nationally Rare	found in 15 or fewer hectads
Notable or NS	Nationally Notable or Nationally Scarce	found in between 16 and 100 hectads
Notable A	Nationally Notable A	found in 16 to 30 hectads
Notable B	Nationally Notable B	found in between 31 and 100 hectads

References

Biodiversity Reporting and Information Group, (2007) *Report on the Species and Habitat Review*, UK Biodiversity Partnership. <http://www.ukbap.org.uk/>.

Bratton, J.H. (ed), (1991) *British Red Data Books: 3. Invertebrates other than insects*. JNCC, Peterborough.

BTO, et al (2009) *The Birds of Conservation Concern 3*. British Trust for Ornithology. <http://www.bto.org/psob/index.htm>.

Calderdale Biodiversity Action Plan Technical Group (2008) *Calderdale Local Biodiversity Plan: Review of Species and habitats*, Calderdale Biodiversity Action Plan Technical Group, Calderdale.

Cheffings, C. and Farrell, L. (Editors), (2005) *The Vascular Plant Red Data List for Great Britain*, ISSN 1473-0154.

City of Bradford MDC, (2003), *A Local Biodiversity Action Plan for the Bradford District (Draft)*, City of Bradford MDC, Bradford.

IUCN, (2004) *Guidelines for using the IUCN. Red List categories and criteria*. IUCN,. Gland and Cambridge

J. C. Lavin & G.T.D. Wilmore (1994) , *The West Yorkshire Plant Atlas*, City of Bradford Metropolitan Council, Bradford.

Kirklees Metropolitan Council (2008) *Kirklees Biodiversity Action Plan*, Kirklees Metropolitan Council, Kirklees.

Leeds BAP Steering Group, (2000) *Biodiversity Action Plan For Leeds*, Leeds City Council, Leeds.

Shirt, D. B. (Ed.), (1987) *British Red Data Books : 2 : Insects*. Peterborough: NCC.

Wakefield Biodiversity Group, (2001) *Wakefield District Local Biodiversity Report*, Wakefield MDC, Wakefield.

West Yorkshire Biodiversity Action Partnership (2009), *West Yorkshire Priority Species List*, West Yorkshire Ecology, Wakefield.

Appendix B. Designated Site Citations

Brockholes and Round Wood, Brockholes



STATUS: Local Geological Site

OTHER DESIGNATIONS:

COUNTY: West Yorkshire

DISTRICT: Kirklees

OS 1:50,000 Landranger 110 Sheffield and Huddersfield

OS 1:25,000 Explorer 288 Bradford and Huddersfield

BGS 1:50,000 SHEET 86 Glossop

FIRST DESIGNATED by West Yorkshire RIGS Group in 1996

DATE OF MOST RECENT SURVEY January 2009

SCIENTIFIC INFORMATION produced by Ian Chisholm

DESIGNATION SHEET UPDATED August 2009

SITE DESCRIPTION:

There are five sites of interest around the village of Brockholes. The rocks are Upper Carboniferous and span the end of the Namurian (Millstone Grit) and the beginning of the Westphalian (Coal Measures). The Namurian Rough Rock sandstones form the high cliffs on which most of Brockholes is built, while the Lower Coal Measure rocks are found behind the village, exposed in the railway cutting and in the stream beds in Round Wood. Rock types include massive sandstones, shale, coal and fossiliferous marine bands.

- 1) Tor Rocks (SE 1512 1106) - Large quarry face in Rough Rock, about 10m high. There are massive beds, up to 3.1m thick with uniform bedding at the top. The jointing is irregular, but well spaced with some joints being very large. Mentioned in the Geological Memoir 1933 (see reference below) p 73 and p178
- 2) Tor Rocks (SE 1518 1099) - Very weathered faces in Rough Rock, well jointed and bedded with some load structures and massive current-bedding.
- 3) (1525 1098) – 4m sandstone face in Rough Rock with bedding and some current bedding.
- 4) Brockholes, St. Georges Churchyard (SE 1516 1104) - Gravestones of varied ages and variety of materials, could be used for a weathering exercise.
- 5) Round Wood (SE 158 106) – there are several stream beds which expose shale with marine bands, for instance at (SE 1585 1062).

HISTORICAL ASSOCIATIONS:

- 1) Tor Rocks - may have been quarried between 1876 and 1894. There are records in the local trade directories of Moss Bros. quarrying in Brockholes.
- 5) Round Wood. There is a concrete post in Round Wood, close to the railway bridge and the footpath, marking the site of a coal shaft.

EDUCATIONAL VALUE:

This site has been used to show young people some fossils in shales and could be used to teach sandstones, using the building stones in Brockholes and in the headstones in the churchyard. The sites can be connected together to show Carboniferous environments of deposition during this period.

AESTHETIC CHARACTERISTICS:

The area behind the village is hilly and wooded, with several footpaths cutting through. The higher paths have good views west into the Holme valley.

ACCESS:

1. Tor Rocks (SE 1512 1106) - Quarry face behind workshop overlooking main road, park near shop and walk around on to main road towards Huddersfield.
2. Tor Rocks (SE 1518 1099) - Follow face around to south-east below the church. Path access is next to the shop.
3. (SE 1525 1098) - Follow path towards church yard to the rock face, behind the small car park.
5. Round Wood (SE 1585 1062) – Take footpath from old railway line towards Thurstonland across fields to reach Round Wood. Follow right hand tributary in Round Wood, to small waterfall in the gully on the right (about 20m beyond the bridge with footpath). The sites are across field paths so are not accessible for wheel chairs.

OWNERSHIP:

Several private owners

SCIENTIFIC IMPORTANCE:

The shale gullies in Round Wood expose marine bands. One at (SE 158 106) is probably G4 and L (See Glossop BGS map). This locality is at the Honley Marine Band horizon and usually contains *Lingula* only. However *Gastrioceras carbonarium* and *G. listeri* have also been found. Also found *Lingula* sp. and *Dunbarella* sp. Also ganister plant fossils are found in loose blocks in stream beds and banks nearby. The source of goniatites and *Dunbarella* is the next marine band up - the *Listeri* Marine Band in the roof of the Hard Bed Coal. The fossils are in a shale tip from a day-eye (adit) to the coal at SE 1593 1057. Ganister is probably from below the Hard Bed Coal and was also worked in some places.

Downstream in the same gully as the marine bands, at SE 1580 1066:

0.1 m Soft Bed Coal (bottom part only) resting on:

0.9 m rooty mudstone seatearth, on

--- Soft Bed Flags - micaceous fine sandstone

In the next gully at SE 1583 1078, there is a small section in Middle Band Rock:

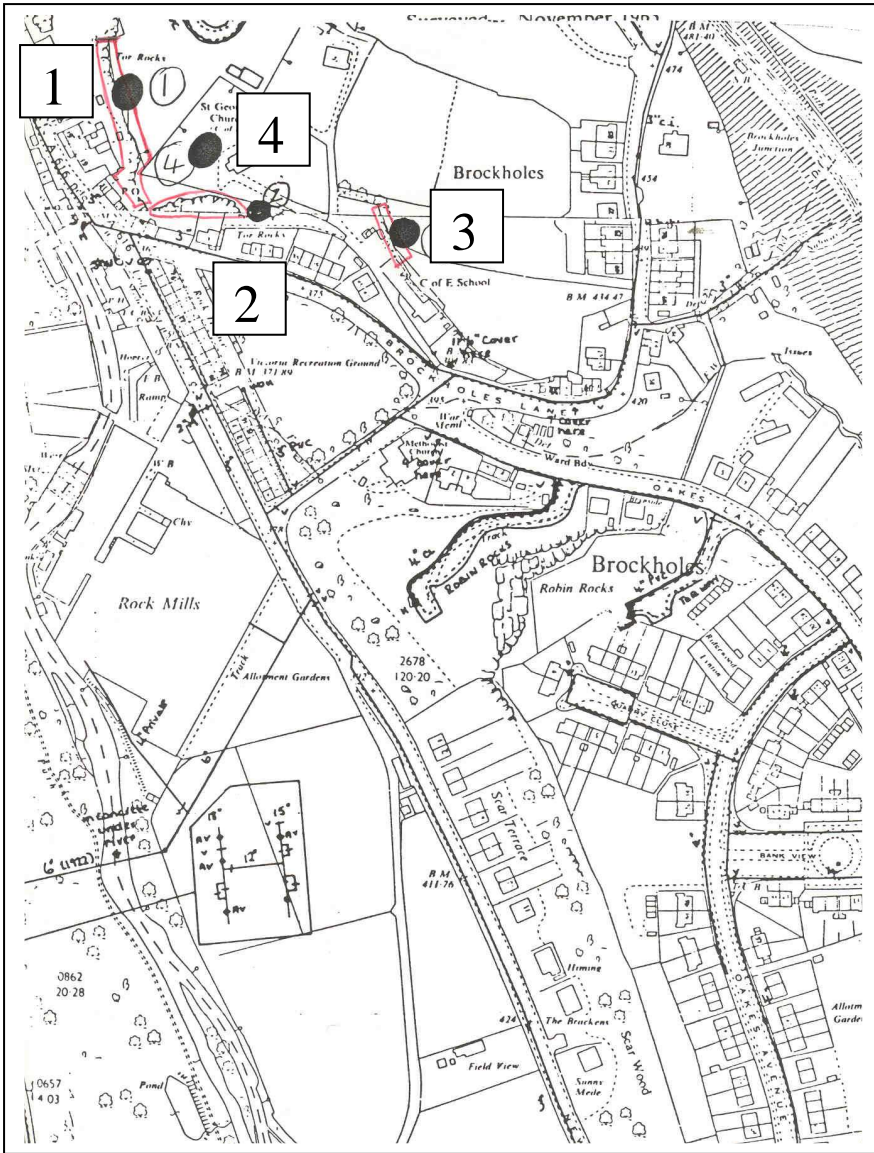
2.0 m very fine-grained sandstone, rooty, on

1.0 m siltstone, with sandstone bands, all rooty

A marine band was encountered during a boring for water at Rock Mills, alongside the River Holme in Brockholes. In addition to the shells, a fragmentary jaw of a shark-like fish with some of the teeth attached, was found. This is described in the 1933 Memoir on p154 and 157-158 with an illustration on Plate V. The detailed reference for this fossil is found in A. S. Woodward 1916-1917 (reference below). The fossil is kept in the British Geological Survey headquarters, Keyworth, Nottinghamshire.

REFERENCES:

- C. E. N. Bromehead, W. Edwards, D. A. Wray and J. V. Stephens, 1933 *The geology of the country around Holmfirth and Glossop* Memoir of the Geological Survey
- A. S. Woodward, 1916-1917 *On a new species of Edestus from the Upper Carboniferous of Yorkshire*, with an appendix by J. Pringle, Quarterly Journal of the Geological Society Vol 72, p1-6
- Huddersfield Geology Group 1998 *Rocks and Landscapes of Huddersfield*



Location map to show the five sites at Brockholes RIGS, as follows:

1. Tor Rocks (SE 1512 1106)
2. Tor Rocks (SE 1518 1099)
3. (SE 1525 1098) – 4m sandstone face
4. Brockholes, St. Georges Churchyard (SE 1516 1104)
5. Round Wood (SE 1585 1062) – not shown in this map.

West Yorkshire Local Sites Partnership Local Wildlife Site

Site name: Cliff Wood

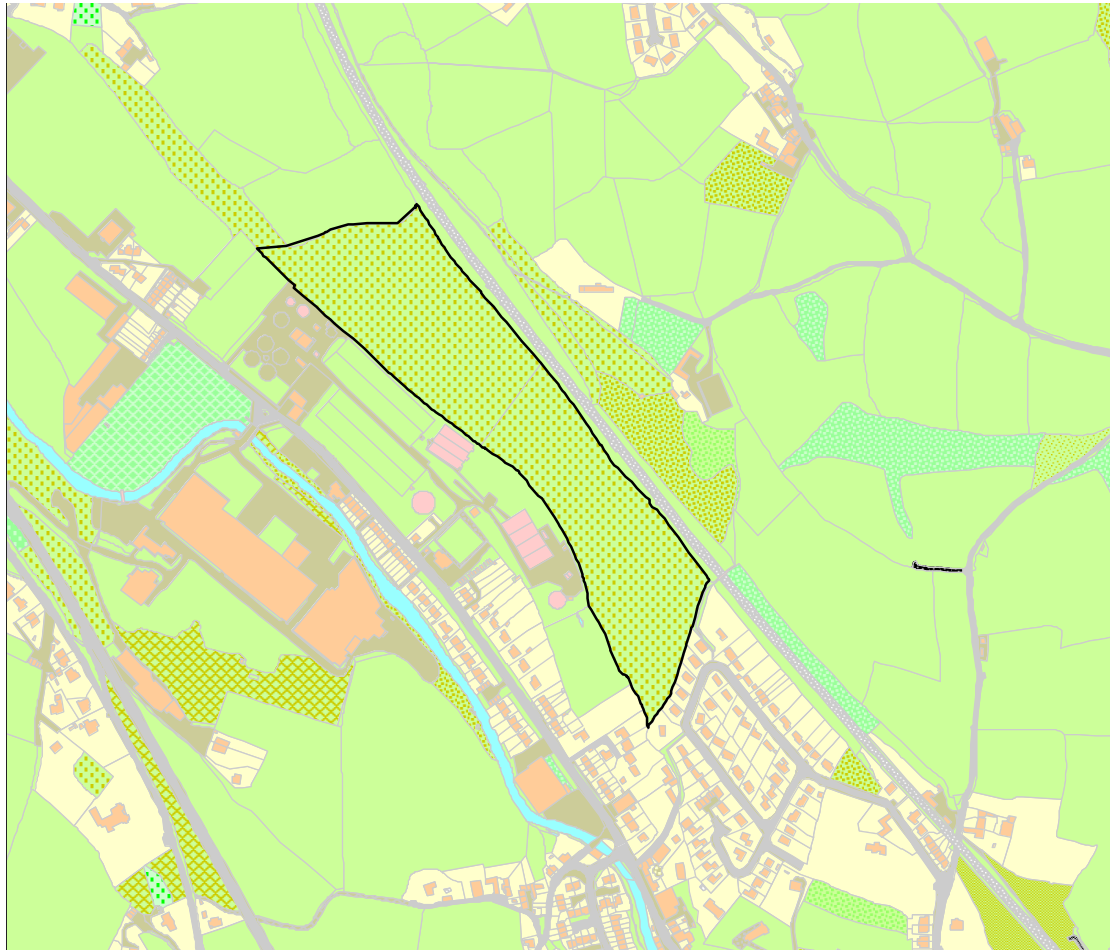
Planning authority: Kirklees

Grid reference: SE150115

Date of review: 09/07/2015

Date approved by LS Partnership: 23/07/2015

Site boundary:



Qualifying criteria:

Wd3 - Species rich acid woodland

Wd5 - native bluebell cover

Criteria version:

10/05/2013

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Site Name: Hagg Wood

Date of Survey: 20 June 2001

Grid Reference: SE 150105

Planning Authority: Kirklees M C

Natural Area: Coal Measures

Location: west of Brockholes

Surveyor: J North

1:10 000 Map: SE 11 SW, SE 11 SE

Area: 22.17 Ha

NVC Types Present: W10a, W10e, W16a, W16b

Keywords: Broadleaved semi-natural woodland; Running water

Protected Species: Yes

Ancient Woodland: Yes

RIGS: No

Site Description

Hagg Wood lies on an east facing slope close to the River Holme. The wood is bisected by the A6024 Woodhead Road, this road forms one of the boundaries, others are the River Holme and fencing. The woodland area sloping towards the river is relatively steep.

The woodland canopy is dominated by oak, *Quercus* spp and birch, *Betula* spp and is typical of upland Pennine woodlands. The main woodland community is dominated by sessile oak, *Quercus petraea* with silver birch, *Betula pendula*, downy birch, *Betula pubescens* and rowan, *Sorbus aucuparia*. The shrub layer is sparse and largely composed of holly, *Ilex aquifolium* with regeneration of the canopy species. The herb layer for much of this area of woodland is species poor, dominated by wavy hair-grass, *Deschampsia flexuosa* with bracken, *Pteridium aquilinum*, and bramble, *Rubus fruticosus* agg.. This is characteristic of the W16a sub-community. Smaller areas support a more diverse ground flora with broad buckler-fern, *Dryopteris dilatata*, greater stitchwort, *Stellaria holostea*, heather, *Calluna vulgaris* and great wood-rush, *Luzula sylvatica* in addition to the species listed above. These areas are characteristic of the W16b sub-community.

The other woodland community occurs mainly on the edges of the woodland and is more diverse. *Quercus petraea*, pedunculate oak, *Quercus robur*, *Betula pendula*, *B. pubescens*, *Sorbus aucuparia* and frequent sycamore, *Acer pseudoplatanus* are present in the canopy. The shrub layer is reasonably diverse with *Ilex aquilinum*, hazel, *Corylus avellana*, elder, *Sambucus nigra* and hawthorn, *Crataegus monogyna* present in the shrub layer. The herb layer for much of this area of the woodland is dominated by creeping soft-grass, *Holcus mollis* and bluebell, *Hyacinthoides non-scripta* with *Pteridium aquilinum* and *Rubus fruticosus* agg.. This is typical of the W10a sub-community. In places this is more diverse, with ash, *Fraxinus excelsior*, beech, *Fagus sylvatica* and wych elm, *Ulmus glabra* in the canopy and honeysuckle, *Lonicera periclymenum*, wood sorrel, *Oxalis acetosella*, dog violet, *Viola riviniana*, climbing corydalis, *Ceratocarpus claviculata* and wood sage, *Teucrium scorodonia* in the herb layer. This is a good example of the W16e sub-community. The streamsides support characteristic wet soil vegetation including cuckooflower, *Cardamine pratensis*, bog stitchwort, *Stellaria uliginosa*, water mint, *Mentha aquatica*, wood anemone, *Anemone nemerosa* and opposite-leaved golden saxifrage, *Chrysosplenium*.

Ecological Evaluation

Hagg Wood is a good example of a typical Pennine woodland. The woodland shows good regeneration and contains a good amount of dead wood. The woodland communities present occur in a mosaic and although the woodland does not contain any rare species, the ground flora, especially in the W16 sections and along the streamsides is reasonably diverse.

Site Management

Hagg Wood contains a number of footpath and appears to be well used, to the extent that tipping is a problem in places. There is industrial/quarrying activity within the woodland and a residential area, caravan park and recycling area close by. Areas of Japanese knotweed need to be controlled or removed.

West Yorkshire Local Sites Partnership Local Wildlife Site Proposal

Site name: Holmroyd Wood

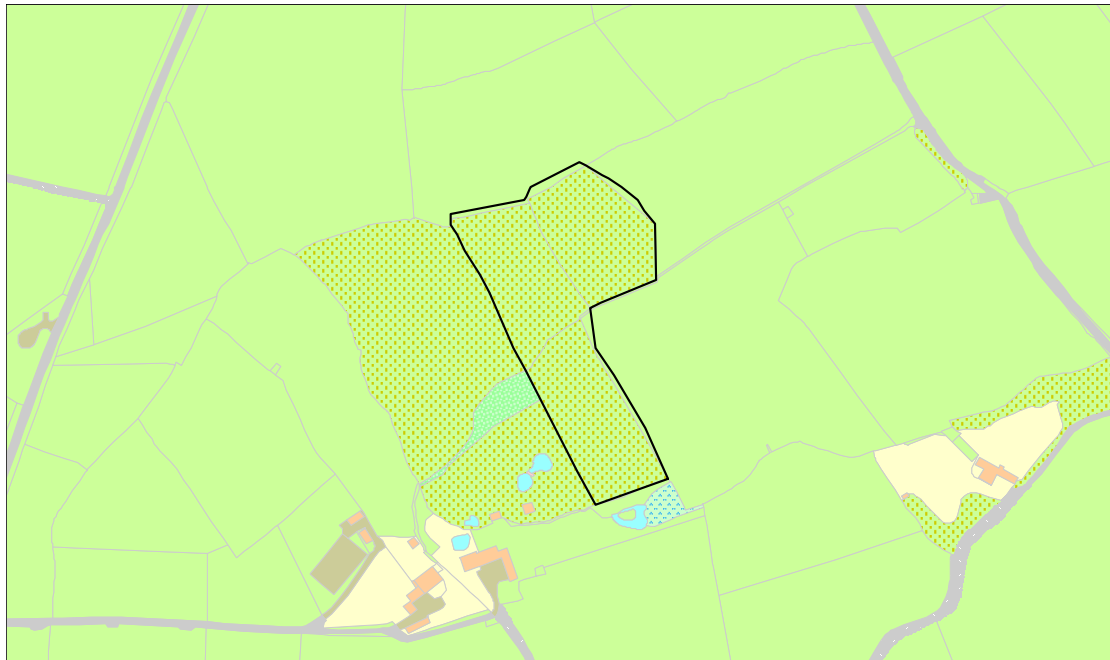
Planning authority: Kirklees

Grid reference: SE131099

Date of review: 18/02/2015

Date approved by LS Partnership: 25/02/2015

Site boundary:



Qualifying criteria:

Wd1 – ancient & semi-natural woodland

Criteria version: 10/05/2013

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West Yorkshire Local Sites Partnership Local Wildlife Site Proposal

Site name: Round Wood, Brockholes

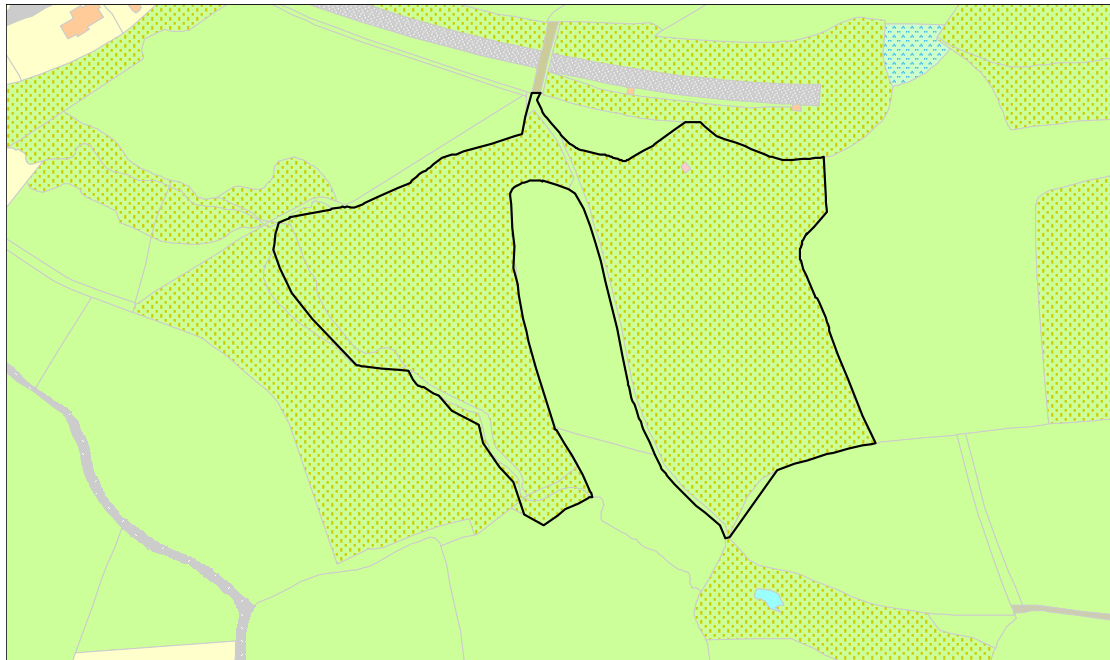
Planning authority: Kirklees

Grid reference: SE159107

Date of review: 18/02/2015

Date approved by LS Partnership: 25/02/2015

Site boundary:



Qualifying criteria:

Wd1 – ancient & semi-natural woodland

Criteria version: 10/05/2013

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