APPENDIX A

Enviro+GeoInsight Report

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

Land to rear of 35 Peel Street, Marsden, Huddersfield

Order Details

Date: 14/09/2023

Your ref: EMS_894180_1106839

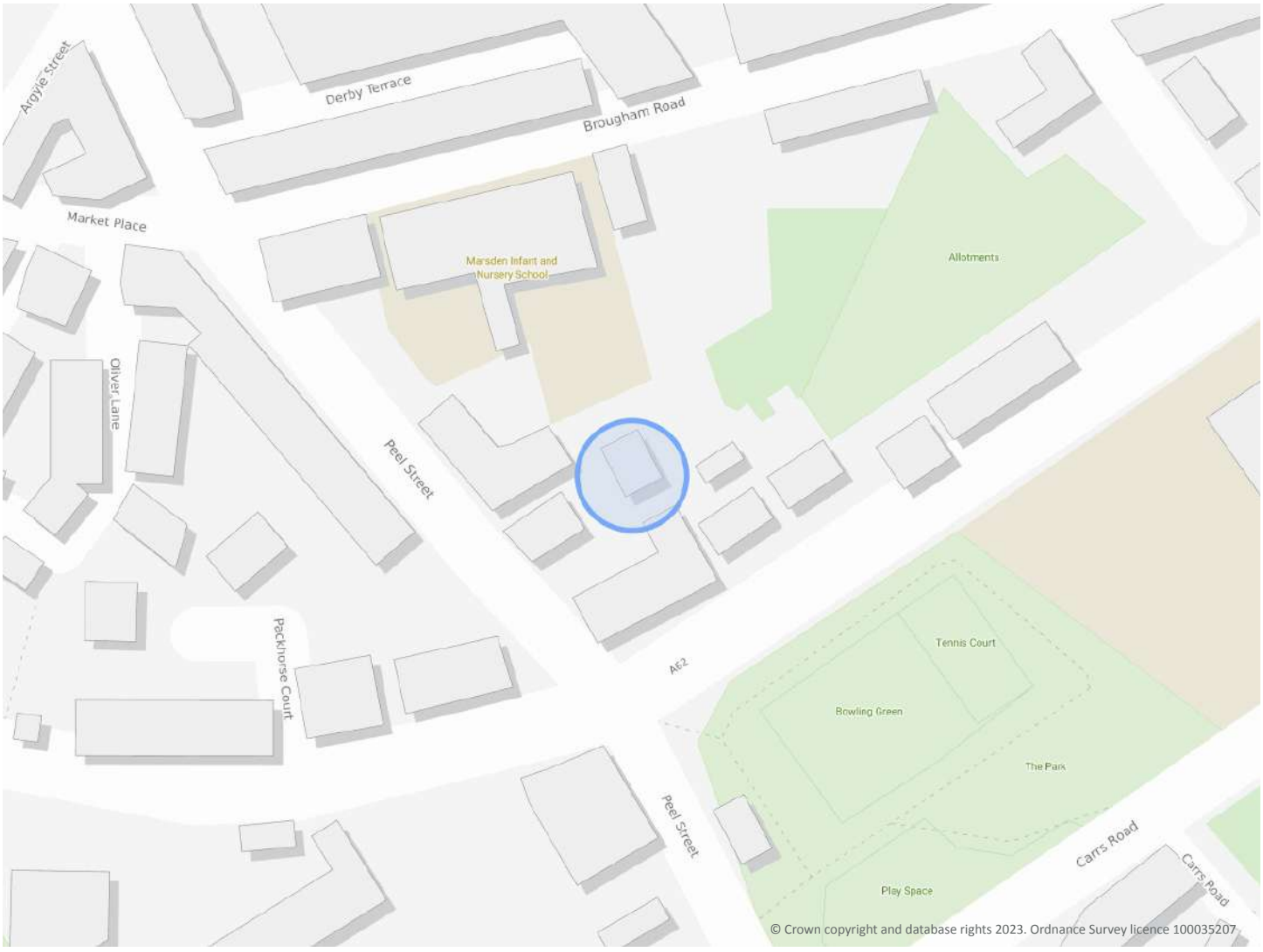
Our Ref: EMS-894180_1142099

Site Details

Location: 405017 411556

Area: 0.04 ha

Authority: Kirklees Council ↗



Summary of findings p. 2 >

OS MasterMap site plan p.13 >

Aerial image p. 9 >

groundsure.com/insightuserguide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	0	1	25	44	-
17 >	1.2 >	Historical tanks >	0	0	5	6	-
18 >	1.3 >	Historical energy features >	0	0	9	5	-
19	1.4	Historical petrol stations	0	0	0	0	-
19 >	1.5 >	Historical garages >	0	0	1	2	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
21 >	2.1 >	Historical industrial land uses >	0	1	37	52	-
25 >	2.2 >	Historical tanks >	0	0	7	10	-
26 >	2.3 >	Historical energy features >	0	0	14	7	-
27	2.4	Historical petrol stations	0	0	0	0	-
27 >	2.5 >	Historical garages >	0	0	1	2	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
28 >	3.1 >	Active or recent landfill >	0	0	0	2	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
29	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
29 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	1	-
30	3.5	Historical waste sites	0	0	0	0	-
30 >	3.6 >	Licensed waste sites >	0	0	2	4	-
32 >	3.7 >	Waste exemptions >	0	0	10	28	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
36 >	4.1 >	Recent industrial land uses >	0	0	11	-	-
37	4.2	Current or recent petrol stations	0	0	0	0	-
37	4.3	Electricity cables	0	0	0	0	-
38	4.4	Gas pipelines	0	0	0	0	-
38	4.5	Sites determined as Contaminated Land	0	0	0	0	-

38	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.7	Regulated explosive sites	0	0	0	0	-
38	4.8	Hazardous substance storage/usage	0	0	0	0	-
39	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
39	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
39 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	1	-
39	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40 >	4.13 >	Licensed Discharges to controlled waters >	0	0	1	2	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	Pollutant release to public sewer	0	0	0	0	-
41	4.16	List 1 Dangerous Substances	0	0	0	0	-
41 >	4.17 >	List 2 Dangerous Substances >	0	0	1	0	-
41 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	6	4	-
42	4.19	Pollution inventory substances	0	0	0	0	-
43	4.20	Pollution inventory waste transfers	0	0	0	0	-
43	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
44 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
45 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
47 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
48	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
48	5.5	Groundwater vulnerability- local information	None (within 0m)				
49 >	5.6 >	Groundwater abstractions >	0	0	0	0	13
52 >	5.7 >	Surface water abstractions >	0	0	3	10	58
70 >	5.8 >	Potable abstractions >	0	0	0	0	12
73	5.9	Source Protection Zones	0	0	0	0	-
73	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	6.1 >	Water Network (OS MasterMap) >	0	0	22	-	-

76 >	6.2 >	Surface water features >	0	0	8	-	-
77 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
77 >	6.4 >	WFD Surface water bodies >	0	0	3	-	-
78 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-

Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
79	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
79	7.2	Historical Flood Events	0	0	0	-	-
79	7.3	Flood Defences	0	0	0	-	-
80	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
80	7.5	Flood Storage Areas	0	0	0	-	-
81	7.6	Flood Zone 2	None (within 50m)				
81	7.7	Flood Zone 3	None (within 50m)				

Page	Section	Surface water flooding >	
82 >	8.1 >	Surface water flooding >	1 in 250 year, 0.3m - 1.0m (within 50m)

Page	Section	Groundwater flooding >	
84 >	9.1 >	Groundwater flooding >	Negligible (within 50m)

Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	3
86	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
86 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	2
87 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	4
88	10.5	National Nature Reserves (NNR)	0	0	0	0	0
88	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
88 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	5
89	10.8	Biosphere Reserves	0	0	0	0	0
89	10.9	Forest Parks	0	0	0	0	0
89	10.10	Marine Conservation Zones	0	0	0	0	0
89 >	10.11 >	Green Belt >	0	0	1	0	0
90	10.12	Proposed Ramsar sites	0	0	0	0	0

90	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
90	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
90	10.15	Nitrate Sensitive Areas	0	0	0	0	0
91	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
92 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
93 >	10.18 >	SSSI Units >	0	0	0	0	14
Page	Section	**Visual and cultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
101	11.1	World Heritage Sites	0	0	0	-	-
102	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
102	11.3	National Parks	0	0	0	-	-
102 >	11.4 >	Listed Buildings >	0	2	17	-	-
103 >	11.5 >	Conservation Areas >	1	0	0	-	-
104	11.6	Scheduled Ancient Monuments	0	0	0	-	-
104	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	**Agricultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
105 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
106	12.2	Open Access Land	0	0	0	-	-
106	12.3	Tree Felling Licences	0	0	0	-	-
106	12.4	Environmental Stewardship Schemes	0	0	0	-	-
106	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	**Habitat designations** >	On site	0-50m	50-250m	250-500m	500-2000m
107 >	13.1 >	Priority Habitat Inventory >	0	0	2	-	-
108 >	13.2 >	Habitat Networks >	1	0	1	-	-
108	13.3	Open Mosaic Habitat	0	0	0	-	-
108	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	**Geology 1:10,000 scale** >	On site	0-50m	50-250m	250-500m	500-2000m
109 >	14.1 >	10k Availability >	Identified (within 500m)				
110 >	14.2 >	Artificial and made ground (10k) >	0	0	4	8	-
112 >	14.3 >	Superficial geology (10k) >	0	0	1	0	-

113 >	14.4 >	Landslip (10k) >	0	0	2	1	-
114 >	14.5 >	Bedrock geology (10k) >	1	1	4	15	-
116 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	3	9	-
Page	Section	**Geology 1:50,000 scale** >	On site	0-50m	50-250m	250-500m	500-2000m
117 >	15.1 >	50k Availability >	Identified (within 500m)				
118 >	15.2 >	Artificial and made ground (50k) >	0	0	1	2	-
119	15.3	Artificial ground permeability (50k)	0	0	-	-	-
120 >	15.4 >	Superficial geology (50k) >	0	0	1	0	-
121	15.5	Superficial permeability (50k)	None (within 50m)				
121 >	15.6 >	Landslip (50k) >	0	0	1	1	-
121	15.7	Landslip permeability (50k)	None (within 50m)				
122 >	15.8 >	Bedrock geology (50k) >	1	0	2	12	-
123 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
124 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	2	8	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
125	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	**Natural ground subsidence** >					
126 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
127 >	17.2 >	Running sands >	Negligible (within 50m)				
129 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
130 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
131 >	17.5 >	Landslides >	Very low (within 50m)				
133 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	**Mining and ground workings** >	On site	0-50m	50-250m	250-500m	500-2000m
135 >	18.1 >	BritPits >	0	0	0	1	-
136 >	18.2 >	Surface ground workings >	0	0	11	-	-
137	18.3	Underground workings	0	0	0	0	0
137	18.4	Underground mining extents	0	0	0	0	-
137	18.5	Historical Mineral Planning Areas	0	0	0	0	-

137 >	18.6 >	Non-coal mining >	1	1	0	2	0
138	18.7	JPB mining areas	None (within 0m)				
138	18.8	The Coal Authority non-coal mining	0	0	0	0	-
138	18.9	Researched mining	0	0	0	0	-
139	18.10	Mining record office plans	0	0	0	0	-
139	18.11	BGS mine plans	0	0	0	0	-
139	18.12	Coal mining	None (within 0m)				
139	18.13	Brine areas	None (within 0m)				
139	18.14	Gypsum areas	None (within 0m)				
140	18.15	Tin mining	None (within 0m)				
140	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
141	19.1	Natural cavities	0	0	0	0	-
141	19.2	Mining cavities	0	0	0	0	0
141	19.3	Reported recent incidents	0	0	0	0	-
141	19.4	Historical incidents	0	0	0	0	-
142	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
143 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
145 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	5	-	-	-
145	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
146	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
147	22.1	Underground railways (London)	0	0	0	-	-
147	22.2	Underground railways (Non-London)	0	0	0	-	-
147	22.3	Railway tunnels	0	0	0	-	-
147	22.4	Historical railway and tunnel features	0	0	0	-	-
147	22.5	Royal Mail tunnels	0	0	0	-	-

148	22.6	Historical railways	0	0	0	-	-
148	22.7	Railways	0	0	0	-	-
148	22.8	Crossrail 1	0	0	0	0	-
148	22.9	Crossrail 2	0	0	0	0	-
148	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 30/05/2021

Site Area: 0.04ha

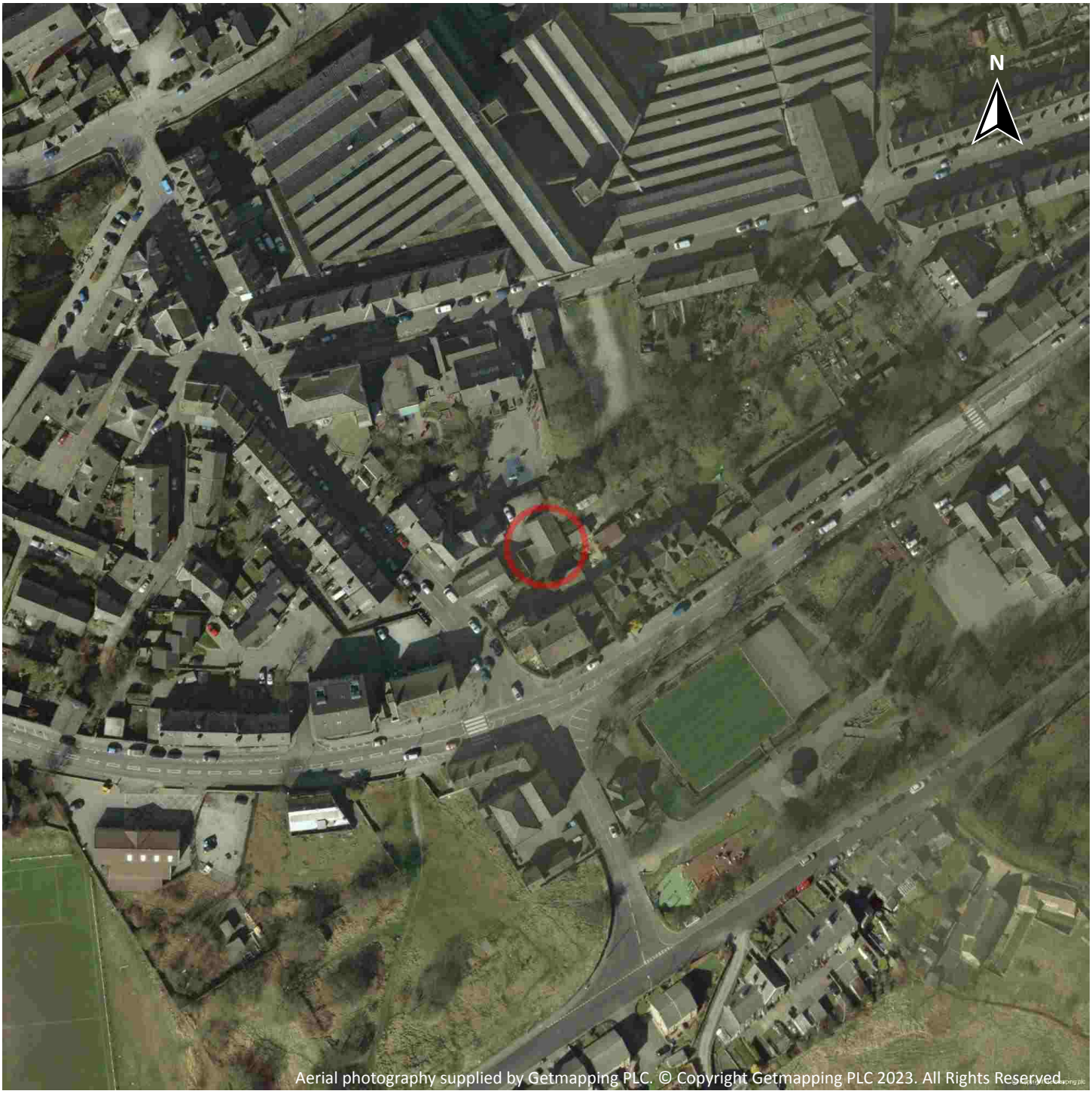
Recent site history - 2018 aerial photograph



Capture Date: 29/06/2018

Site Area: 0.04ha

Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 0.04ha

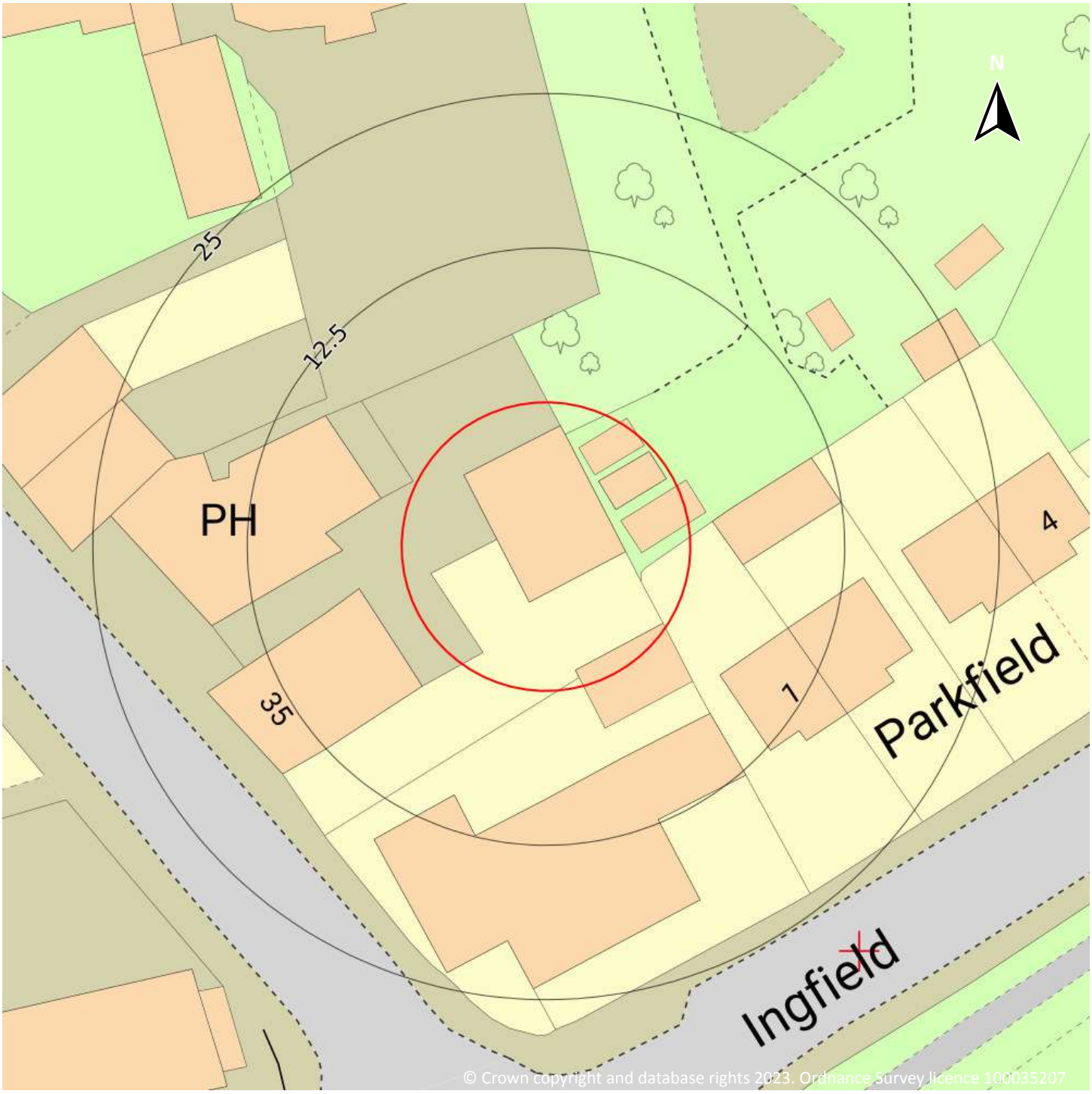
Recent site history - 1999 aerial photograph



Capture Date: 10/09/1999

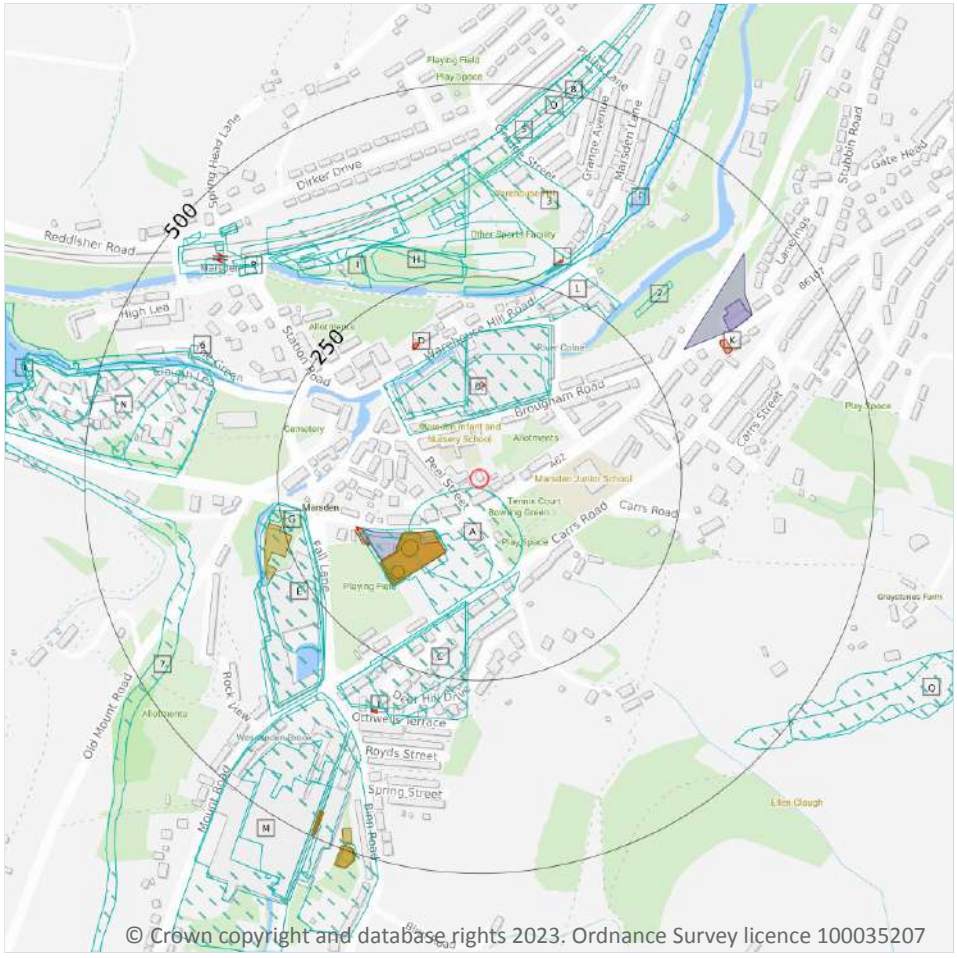
Site Area: 0.04ha

OS MasterMap site plan



Site Area: 0.04ha

1 Past land use



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	70

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
A	1m S	Smithy	1890	1456881

ID	Location	Land use	Dates present	Group ID
B	65m N	Unspecified Mills	1890 - 1904	1543948
A	66m S	Gas Works	1890 - 1930	1518974
B	70m N	Unspecified Mills	1930	1507968
B	71m N	Unspecified Mills	1955 - 1978	1473705
A	76m SW	Fire Station	1980	1409033
A	76m SW	Unspecified Works	1980	1438124
A	77m SW	Unspecified Commercial/Industrial	1955	1410445
B	81m N	Unspecified Mills	1980	1484710
A	100m SW	Unspecified Tank	1955 - 1980	1475219
A	108m SW	Gasometer	1930	1420651
C	120m SE	Unspecified Foundry	1890 - 1930	1491634
A	134m SW	Unspecified Tank	1955 - 1980	1497100
A	146m SW	Gasometers	1890 - 1904	1544207
A	147m SW	Gasometer	1930	1420652
C	148m S	Unspecified Mill	1955	1421173
C	149m S	Unspecified Mills	1980	1419100
1	192m N	Unspecified Mills	1890 - 1904	1539336
E	218m W	Unspecified Mills	1980	1557644
E	220m W	Unspecified Mills	1955	1471374
E	226m W	Unspecified Mills	1930	1461445
F	226m N	Disused Canal	1978	1515293
F	226m N	Disused Canal	1955	1537791
G	236m W	Unspecified Tanks	1930 - 1955	1516918
E	241m SW	Unspecified Mills	1890 - 1904	1535023
H	243m N	Unspecified Heap	1980	1537631
H	252m N	Unspecified Heap	1955	1471145
H	257m N	Railway Sidings	1930	1473372
I	272m NW	Railway Carriage and Iron Works	1890	1421742

ID	Location	Land use	Dates present	Group ID
H	275m N	Railway Sidings	1955	1541169
2	280m NE	Unspecified Tanks	1955	1425760
3	294m N	Smithy	1890 - 1904	1524849
H	308m N	Railway Sidings	1980	1510838
H	315m N	Goods Shed	1930	1443468
I	317m NW	Railway Sidings	1904	1551628
I	318m NW	Railway Sidings	1890	1472756
I	319m NW	Railway Buildings	1930	1442097
H	321m N	Railway Building	1955	1428975
H	324m N	Railway Buildings	1890 - 1904	1538833
4	331m W	Mill Pond	1955	1505548
M	333m SW	Unspecified Mills	1955 - 1980	1541293
5	336m N	Cuttings	1904	1543628
M	337m SW	Unspecified Mills	1930	1506079
I	343m NW	Railway Building	1980	1428974
N	349m W	Unspecified Mills	1955	1479980
N	353m W	Unspecified Mills	1930	1533365
M	354m SW	Unspecified Commercial/Industrial	1955	1410444
6	362m NW	Unspecified Mill	1980	1421177
7	373m W	Railway Sidings	1904	1495998
O	378m N	Cuttings	1930	1479280
P	380m NW	Railway Building	1890	1463657
P	381m NW	Railway Building	1904 - 1930	1550141
M	384m SW	Unspecified Mills	1904	1526452
P	386m NW	Railway Station	1955	1540317
N	394m W	Unspecified Mills	1980	1544246
P	411m NW	Railway Station	1904 - 1930	1471901
P	413m NW	Railway Station	1890	1536712

ID	Location	Land use	Dates present	Group ID
O	417m N	Cuttings	1955	1504004
8	418m N	Railway Sidings	1890	1409293
M	432m SW	Unspecified Mill	1890	1421178
P	433m NW	Railway Station	1980	1540112
P	436m NW	Railway Station	1904	1525731
P	439m NW	Railway Station	1930	1463004
N	449m W	Unspecified Tank	1930 - 1955	1501840
Q	464m SE	Unspecified Quarries	1930 - 1955	1485710
P	465m NW	Railway Building	1930	1428965
M	489m S	Unspecified Tank	1955	1433283
Q	490m SE	Unspecified Quarry	1890 - 1904	1517602
N	495m W	Unspecified Mills	1890	1487205
N	496m W	Unspecified Mills	1904	1519455

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**11**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
A	79m SW	Gasholder Station	1988 - 1994	249305
A	85m SW	Gasholder Station	1967	236500
A	105m SW	Gasholder	1967 - 1988	238579
A	140m SW	Gasholder	1967	230015
G	242m W	Tanks	1967	246064

ID	Location	Land use	Dates present	Group ID
M	465m SW	Tanks	1994	234637
M	465m SW	Tanks	1967	236977
M	466m SW	Tanks	1988	247538
M	471m S	Unspecified Tank	1967 - 1994	237071
M	495m S	Unspecified Tank	1967	243591
M	495m S	Unspecified Tank	1988 - 1994	248846

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**14**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
A	79m SW	Gasholder Station	1988 - 1994	146974
A	85m SW	Gasholder Station	1967	138014
A	105m SW	Gasholder	1967 - 1988	144494
B	106m N	Electricity Substation	1967 - 1995	137729
A	140m SW	Gasholder	1967	131723
A	152m SW	Electricity Substation	1988 - 1994	141835
A	153m SW	Electricity Substation	1967	144634
D	176m NW	Electricity Substation	1988	143705
D	176m NW	Electricity Substation	1967 - 1994	143272
J	279m N	Electricity Substation	1967	146087
J	287m N	Electricity Substation	1995	144750
L	315m SW	Electricity Substation	1967 - 1988	140662

ID	Location	Land use	Dates present	Group ID
L	317m SW	Electricity Substation	1994	142002
K	346m NE	Electricity Substation	1967 - 1995	141261

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
A	110m SW	Garage	1967	41074
K	302m NE	Garage	1967	42136
K	365m NE	Garage	1995	43192

This data is sourced from Ordnance Survey / Groundsure.

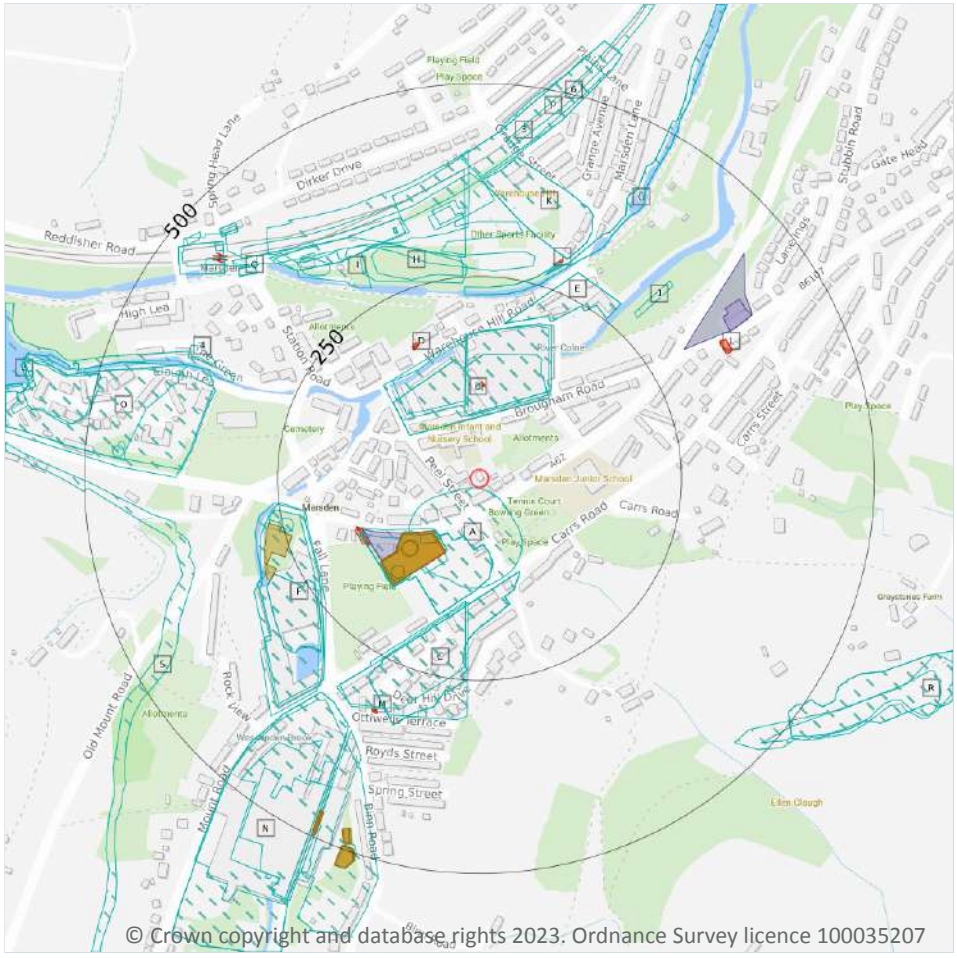
1.6 Historical military land

Records within 500m	0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	90

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
A	1m S	Smithy	1890	1456881
B	65m N	Unspecified Mills	1904	1543948
B	65m N	Unspecified Mills	1890	1543948

ID	Location	Land Use	Date	Group ID
A	66m S	Gas Works	1930	1518974
A	66m S	Gas Works	1904	1518974
A	66m S	Gas Works	1890	1518974
B	70m N	Unspecified Mills	1930	1507968
B	71m N	Unspecified Mills	1978	1473705
B	71m N	Unspecified Mills	1955	1473705
A	76m SW	Unspecified Works	1980	1438124
A	76m SW	Fire Station	1980	1409033
A	77m SW	Unspecified Commercial/Industrial	1955	1410445
B	81m N	Unspecified Mills	1980	1484710
A	100m SW	Unspecified Tank	1955	1475219
A	100m SW	Unspecified Tank	1980	1475219
A	108m SW	Gasometer	1930	1420651
C	120m SE	Unspecified Foundry	1930	1491634
C	120m SE	Unspecified Foundry	1904	1491634
C	120m SE	Unspecified Foundry	1890	1491634
A	134m SW	Unspecified Tank	1980	1497100
A	137m SW	Unspecified Tank	1955	1497100
A	146m SW	Gasometers	1904	1544207
A	146m SW	Gasometers	1890	1544207
A	147m SW	Gasometer	1930	1420652
C	148m S	Unspecified Mill	1955	1421173
C	149m S	Unspecified Mills	1980	1419100
E	192m N	Unspecified Mills	1904	1539336
E	192m N	Unspecified Mills	1890	1539336
F	218m W	Unspecified Mills	1980	1557644
F	220m W	Unspecified Mills	1955	1471374
F	226m W	Unspecified Mills	1930	1461445

ID	Location	Land Use	Date	Group ID
G	226m N	Disused Canal	1978	1515293
G	226m N	Disused Canal	1955	1537791
F	236m W	Unspecified Tanks	1930	1516918
F	241m SW	Unspecified Mills	1904	1535023
F	241m SW	Unspecified Mills	1890	1535023
H	243m N	Unspecified Heap	1980	1537631
F	247m W	Unspecified Tanks	1955	1516918
H	252m N	Unspecified Heap	1955	1471145
H	257m N	Railway Sidings	1930	1473372
I	272m NW	Railway Carriage and Iron Works	1890	1421742
H	275m N	Railway Sidings	1955	1541169
1	280m NE	Unspecified Tanks	1955	1425760
K	294m N	Smithy	1904	1524849
K	294m N	Smithy	1890	1524849
H	308m N	Railway Sidings	1980	1510838
H	315m N	Goods Shed	1930	1443468
I	317m NW	Railway Sidings	1904	1551628
I	318m NW	Railway Sidings	1890	1472756
I	319m NW	Railway Buildings	1930	1442097
H	321m N	Railway Building	1955	1428975
H	324m N	Railway Buildings	1904	1538833
H	324m N	Railway Buildings	1890	1538833
2	331m W	Mill Pond	1955	1505548
N	333m SW	Unspecified Mills	1955	1541293
N	333m SW	Unspecified Mills	1980	1541293
3	336m N	Cuttings	1904	1543628
N	337m SW	Unspecified Mills	1930	1506079
I	343m NW	Railway Building	1980	1428974

ID	Location	Land Use	Date	Group ID
O	349m W	Unspecified Mills	1955	1479980
O	353m W	Unspecified Mills	1930	1533365
N	354m SW	Unspecified Commercial/Industrial	1955	1410444
4	362m NW	Unspecified Mill	1980	1421177
5	373m W	Railway Sidings	1904	1495998
P	378m N	Cuttings	1930	1479280
Q	380m NW	Railway Building	1890	1463657
Q	381m NW	Railway Building	1930	1550141
Q	381m NW	Railway Building	1904	1550141
N	384m SW	Unspecified Mills	1904	1526452
Q	386m NW	Railway Station	1955	1540317
O	394m W	Unspecified Mills	1980	1544246
Q	411m NW	Railway Station	1930	1471901
Q	411m NW	Railway Station	1904	1471901
Q	413m NW	Railway Station	1890	1536712
P	417m N	Cuttings	1955	1504004
6	418m N	Railway Sidings	1890	1409293
N	432m SW	Unspecified Mill	1890	1421178
Q	433m NW	Railway Station	1980	1540112
Q	436m NW	Railway Station	1904	1525731
Q	439m NW	Railway Station	1930	1463004
O	449m W	Unspecified Tank	1955	1501840
O	450m W	Unspecified Tank	1930	1501840
R	464m SE	Unspecified Quarries	1930	1485710
Q	465m NW	Railway Building	1930	1428965
R	489m SE	Unspecified Quarries	1955	1485710
N	489m S	Unspecified Tank	1955	1433283
R	490m SE	Unspecified Quarry	1904	1517602

ID	Location	Land Use	Date	Group ID
R	490m SE	Unspecified Quarry	1890	1517602
O	495m W	Unspecified Mills	1890	1487205
O	496m W	Unspecified Mills	1904	1519455

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**17**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
A	79m SW	Gasholder Station	1994	249305
A	82m SW	Gasholder Station	1988	249305
A	85m SW	Gasholder Station	1967	236500
A	105m SW	Gasholder	1967	238579
A	107m SW	Gasholder	1988	238579
A	140m SW	Gasholder	1967	230015
F	242m W	Tanks	1967	246064
F	276m SW	Tanks	1967	246064
N	465m SW	Tanks	1994	234637
N	465m SW	Tanks	1967	236977
N	466m SW	Tanks	1988	247538
N	471m S	Unspecified Tank	1994	237071
N	472m S	Unspecified Tank	1967	237071
N	472m S	Unspecified Tank	1988	237071
N	495m S	Unspecified Tank	1967	243591
N	495m S	Unspecified Tank	1994	248846
N	496m S	Unspecified Tank	1988	248846

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**21**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
A	79m SW	Gasholder Station	1994	146974
A	82m SW	Gasholder Station	1988	146974
A	85m SW	Gasholder Station	1967	138014
A	105m SW	Gasholder	1967	144494
B	106m N	Electricity Substation	1995	137729
A	107m SW	Gasholder	1988	144494
B	108m N	Electricity Substation	1967	137729
A	140m SW	Gasholder	1967	131723
A	152m SW	Electricity Substation	1994	141835
A	153m SW	Electricity Substation	1967	144634
A	155m SW	Electricity Substation	1988	141835
D	176m NW	Electricity Substation	1988	143705
D	176m NW	Electricity Substation	1967	143272
D	178m NW	Electricity Substation	1994	143272
J	279m N	Electricity Substation	1967	146087
J	287m N	Electricity Substation	1995	144750
M	315m SW	Electricity Substation	1967	140662
M	315m SW	Electricity Substation	1988	140662
M	317m SW	Electricity Substation	1994	142002
L	346m NE	Electricity Substation	1995	141261
L	347m NE	Electricity Substation	1967	141261

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	3

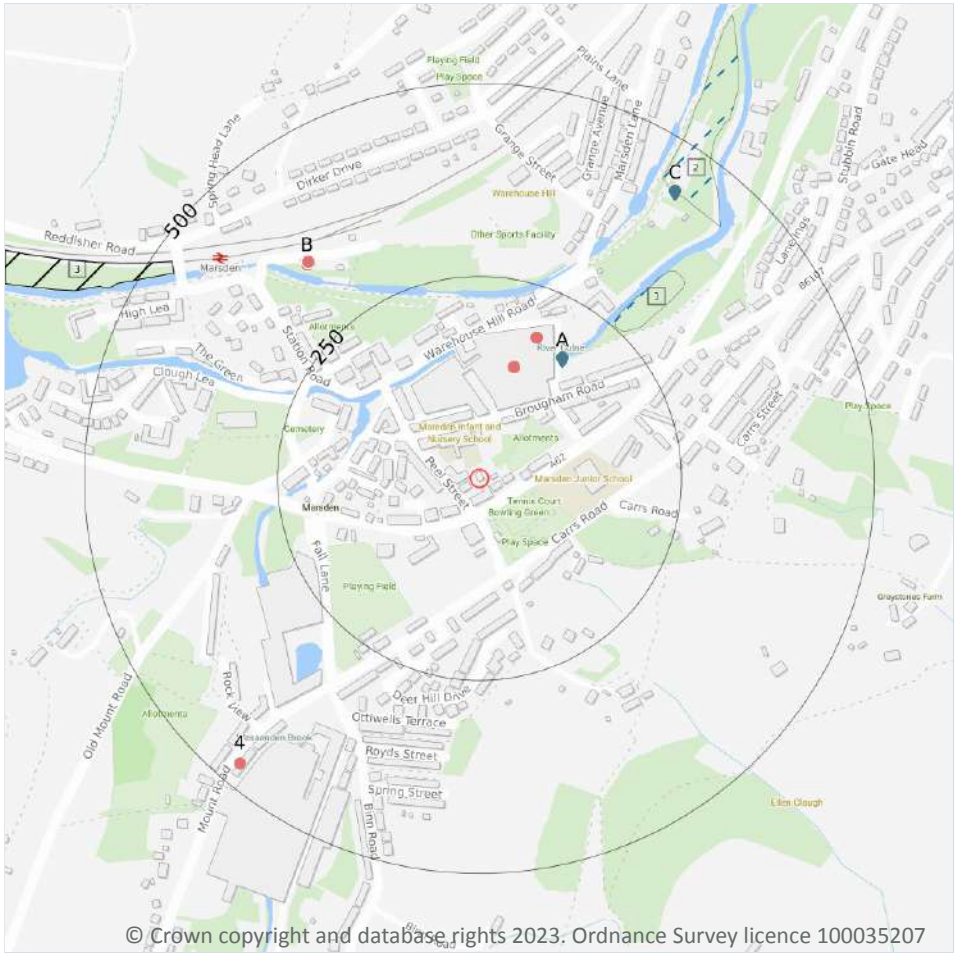
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21 >**

ID	Location	Land Use	Date	Group ID
A	110m SW	Garage	1967	41074
L	302m NE	Garage	1967	42136
L	365m NE	Garage	1995	43192

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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Site Outline

Search buffers in metres (m)

Active or recent landfill

Historical landfill (EA/NRW)

Licensed waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	2

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Details	
1	252m NE	Operator: J E Crowther (Holdings) Plc Site Address: Bank Bottom Mills, Marsden, Huddersfield, West Yorkshire, HD7 6HR	WML Number: 60998 EPR Reference: JEC003 Landfill type: A05: Landfill taking Non-Biodegradeable Wastes Status: Closure IPPC Reference: - EPR Number: EA/EPR/XP3095ZP/A001

ID	Location	Details	
2	437m NE	Operator: Kirklees Council Site Address: Land/premises At, Off Marsden Lane, Smithy Holme Bridge, Marsden, West Yorkshire, HD1 2TG	WML Number: 60997 EPR Reference: KIR002 Landfill type: A04: Household, Commercial & Industrial Waste Landfill Status: Closure IPPC Reference: - EPR Number: EA/EPR/XP3395ZX/A001

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Details		
3	464m NW	Site Address: Tunnel End, Off High Lea, Marsden Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	6

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Details		
A	175m NE	Site Name: Wood Bottom Site Address: Wood Bottom, Marsden, Huddersfield, West Yorkshire, HD7 6HR Correspondence Address: Bank Bottom Mills, Marsden, Huddersfield, West Yorkshire, HD7 6HR	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JEC003 EPR reference: - Operator: J E Crowther (Holdings) Plc Waste Management licence No: 60998 Annual Tonnage: 0	Issue Date: 21/01/1985 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	175m NE	Site Name: Wood Bottom Site Address: J E Crowther (Holdings) Plc, Bank Bottom Mills, Marsden, Huddersfield, West Yorkshire, HD7 6HR Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 648976 EPR reference: EA/EPR/XP3095ZP Operator: J E Crowther (Holdings) Plc Waste Management licence No: 60998 Annual Tonnage: 4000	Issue Date: 21/01/1985 Effective Date: 21/01/1985 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 21/01/1985 Status: Closure

ID	Location	Details		
C	436m NE	Site Name: Marsden Dredsing Disposal Site Site Address: Off Marsden Lane, Smithy Holme Bridge, Marsden, West Yorkshire, HD1 2TG Correspondence Address: South Pennine Ring, Middle Warehouse, Castle Quay, Manchester, M15 4NJ	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KIR002 EPR reference: - Operator: British Waterways-yorkshire Business Waste Management licence No: 60997 Annual Tonnage: 0	Issue Date: 05/07/1984 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	436m NE	Site Name: Canal Dredgings Site Site Address: Off Marsden Lane, Next To Smithy Holme Bird, Marsden, HD1 2TG Correspondence Address: Planning Services, Civic Centre, Huddersfield, HD1 2TG	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KIR002 EPR reference: - Operator: Kirklees Metropolitan Borough Council Waste Management licence No: 60997 Annual Tonnage: 0	Issue Date: 05/07/1984 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	436m NE	Site Name: Marsden Dredsing Disposal Site Site Address: Off Marsden Lane, Smithy Holme Bridge, Marsden, West Yorkshire, HD1 2TG Correspondence Address: South Pennine Ring, Middle Warehouse, Castle Quay, Manchester, M15 4NJ	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KIR002 EPR reference: - Operator: Kirklees Metropolitan Council Waste Management licence No: 60997 Annual Tonnage: 5000	Issue Date: 05/07/1984 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
C	436m NE	Site Name: Marsden Dredsing Disposal Site Site Address: Kirklees Council, Land/premises At, Off Marsden Lane, Smithy Holme Bridge, Marsden, West Yorkshire, HD1 2TG Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 650908 EPR reference: EA/EPR/XP3395ZX Operator: Kirklees Council Waste Management licence No: 60997 Annual Tonnage: 5000	Issue Date: 05/07/1984 Effective Date: 05/07/1984 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 05/07/1984 Status: Closure

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	**38**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX221809	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX221809	Using waste exemption	Not on a farm	Use of waste for a specified purpose
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX221809	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX120457	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX120457	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX260593	Storing waste exemption	Not on a farm	Storage of waste in a secure place

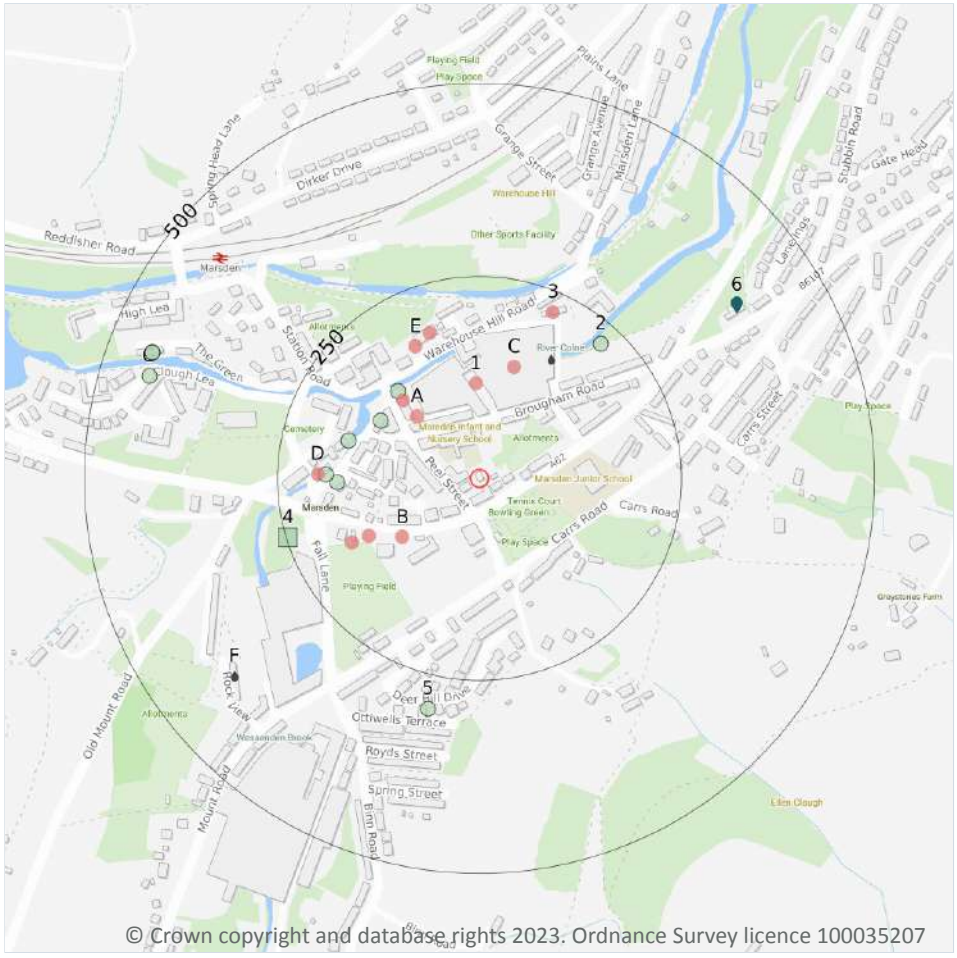
ID	Location	Site	Reference	Category	Sub-Category	Description
A	139m N	NEW MILLS, BROUGHAM ROAD, MARSDEN, HUDDERSFIELD, HD7 6AZ	WEX260593	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	185m N	New Mills Brougham Road HUDDERSFIELD HD7 6AZ	EPR/SF0206MM/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
A	185m N	New Mills Brougham Road HUDDERSFIELD HD7 6AZ	EPR/SF0206MM/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
A	185m N	New Mills Brougham Road HUDDERSFIELD HD7 6AZ	EPR/SF0206MM/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Treating waste exemption	Non-Agricultural Waste Only	Aerobic composting and associated prior treatment
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of kitchen waste in a wormery
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in the construction of entertainment or educational installations etc
B	344m NW	The Old Goods Yard Station Road HUDDERSFIELD HD7 6DH	EPR/XF0637NQ/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Treating waste exemption	Not on a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Using waste exemption	Not on a farm	Use of waste in the construction of entertainment or educational installations etc
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Using waste exemption	Not on a farm	Use of waste for a specified purpose

ID	Location	Site	Reference	Category	Sub-Category	Description
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Using waste exemption	Not on a farm	Use of mulch
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX226263	Treating waste exemption	Not on a farm	Treatment of kitchen waste in a wormery
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Treating waste exemption	Not on a farm	Treatment of kitchen waste in a wormery
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Treating waste exemption	Not on a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Using waste exemption	Not on a farm	Use of mulch
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Using waste exemption	Not on a farm	Use of waste in the construction of entertainment or educational installations etc
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX079028	Using waste exemption	Not on a farm	Use of waste for a specified purpose
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Using waste exemption	Not on a farm	Use of waste in the construction of entertainment or educational installations etc
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Using waste exemption	Not on a farm	Use of waste for a specified purpose

ID	Location	Site	Reference	Category	Sub-Category	Description
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Using waste exemption	Not on a farm	Use of mulch
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Treating waste exemption	Not on a farm	Treatment of kitchen waste in a wormery
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Treating waste exemption	Not on a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
B	346m NW	THE OLD GOODS YARD, STATION ROAD, MARSDEN, HUDDERSFIELD, HD7 6DH	WEX361308	Storing waste exemption	Not on a farm	Storage of waste in a secure place
4	471m SW	Community workshop next to number 50, Mount Road, Marsden, HD7 6HP	WEX101522	Using waste exemption	Not on a farm	Use of waste in construction

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



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Site Outline

Search buffers in metres (m)

Recent industrial land uses

Licensed pollutant release (Part A(2)/B)

Licensed Discharges to controlled waters

List 2 Dangerous Substances

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	11

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Company	Address	Activity	Category
A	103m NW	E C C Electronic Engineering	Didactec 19, Peel Street, Marsden, Huddersfield, West Yorkshire, HD7 6BW	Electrical and Electronic Engineers	Engineering Services
1	111m N	Electricity Sub Station	West Yorkshire, HD7	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
B	114m SW	Gas Governor	West Yorkshire, HD7	Gas Features	Infrastructure and Facilities
A	130m NW	Fishcake Publications	7a, Peel Street, Marsden, Huddersfield, West Yorkshire, HD7 6BR	Published Goods	Industrial Products
C	140m N	Labtex Ltd	New Mills, Brougham Road, Marsden, Huddersfield, West Yorkshire, HD7	Measurement and Inspection Equipment	Industrial Products
B	149m SW	Electricity Sub Station	West Yorkshire, HD7	Electrical Features	Infrastructure and Facilities
B	173m SW	Works	West Yorkshire, HD7	Unspecified Works Or Factories	Industrial Features
E	178m NW	Electricity Sub Station	West Yorkshire, HD7	Electrical Features	Infrastructure and Facilities
E	188m N	Rogers Bakery	Unit 4 Warehouse Hill Units, Warehouse Hill Road, Marsden, Huddersfield, West Yorkshire, HD7 6AB	Baking and Confectionery	Foodstuffs
D	198m W	David Eddowes Ltd	15, Fall Lane, Marsden, Huddersfield, West Yorkshire, HD7 6DB	New Vehicles	Motoring
3	224m NE	It Repair Guys	Lakeside, Warehouse Hill Road, Marsden, Huddersfield, West Yorkshire, HD7 6AE	Electrical Equipment Repair and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	1

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Address	Details	
6	390m NE	Burnlee Garage, Meltham Road, Marsden, Huddersfield, HD7 6JW	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	3

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Address	Details	
C	167m NE	BROUGHAM ROAD CSO, OFF BROUGHAM ROAD (R/O NO.44), MARSDEN, HUDDERSFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA9254 Permit Version: 1 Receiving Water: RIVER COLNE	Status: SURRENDERED UNDER EPR 2010 Issue date: 04/09/2007 Effective Date: 04/09/2007 Revocation Date: 27/03/2012
F	396m SW	J E CROWTHER LTD, BANK BOTTOM MILLS, MARSDEN, HUDDERSFIELD, HD7 6HR	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: WRA7012 Permit Version: 1 Receiving Water: WESSENDEN BROOK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 04/01/1994 Effective Date: 04/01/1994 Revocation Date: 18/11/1996
F	396m SW	J E CROWTHER LTD, BANK BOTTOM MILLS, MARSDEN, HUDDERSFIELD, HD7 6HR	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: WRA7012 Permit Version: 2 Receiving Water: WESSENDEN BROOK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 19/11/1996 Effective Date: 19/11/1996 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	1

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
4	248m W	John Crowther & Sons, Marsden, Huddersfield	Not Active	Unknown	Cyfluthrin

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	10

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 36 >**

ID	Location	Details	
A	136m NW	Incident Date: 12/06/2002 Incident Identification: 84538 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
A	143m NW	Incident Date: 04/11/2002 Incident Identification: 118700 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
A	165m W	Incident Date: 12/06/2002 Incident Identification: 84535 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
D	172m W	Incident Date: 17/12/2002 Incident Identification: 126457 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	187m W	Incident Date: 19/04/2004 Incident Identification: 230629 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
2	223m NE	Incident Date: 23/02/2003 Incident Identification: 138699 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
5	293m S	Incident Date: 30/07/2003 Incident Identification: 177768 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
G	436m W	Incident Date: 30/01/2002 Incident Identification: 55347 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	442m W	Incident Date: 25/02/2003 Incident Identification: 139241 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	442m W	Incident Date: 25/02/2003 Incident Identification: 139241 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

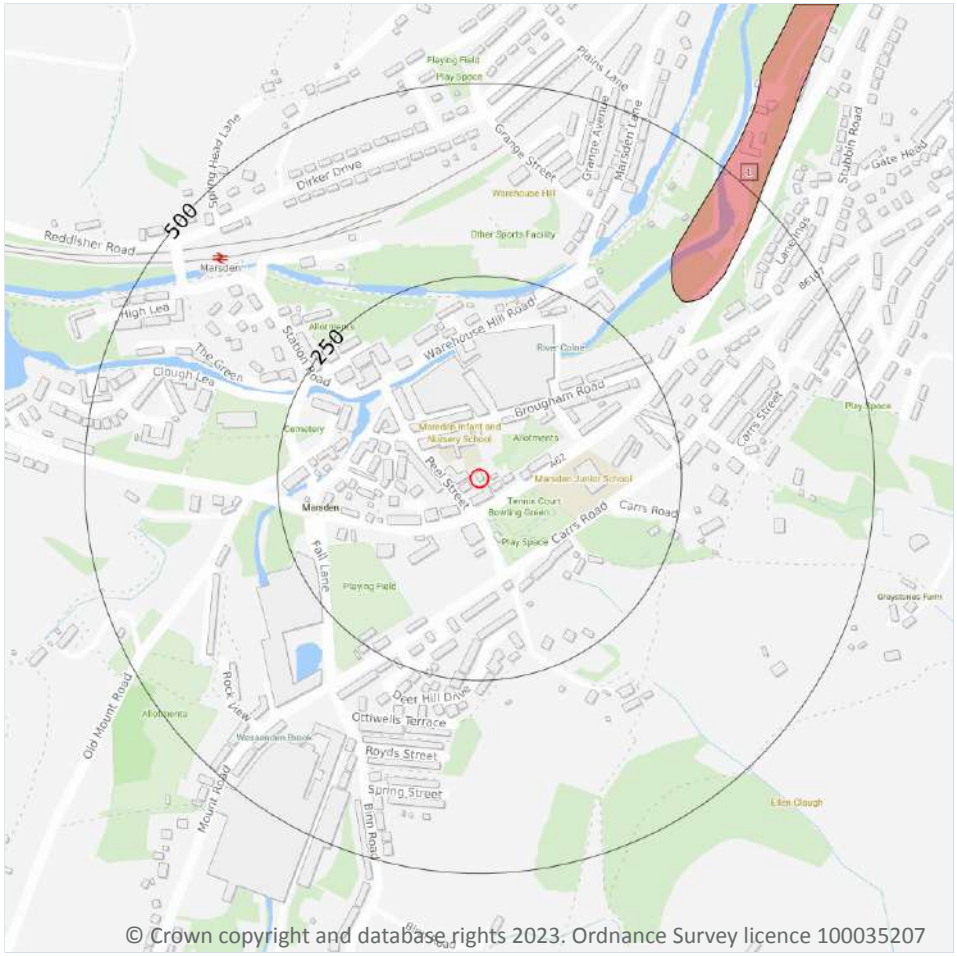
4.21 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



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Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	1

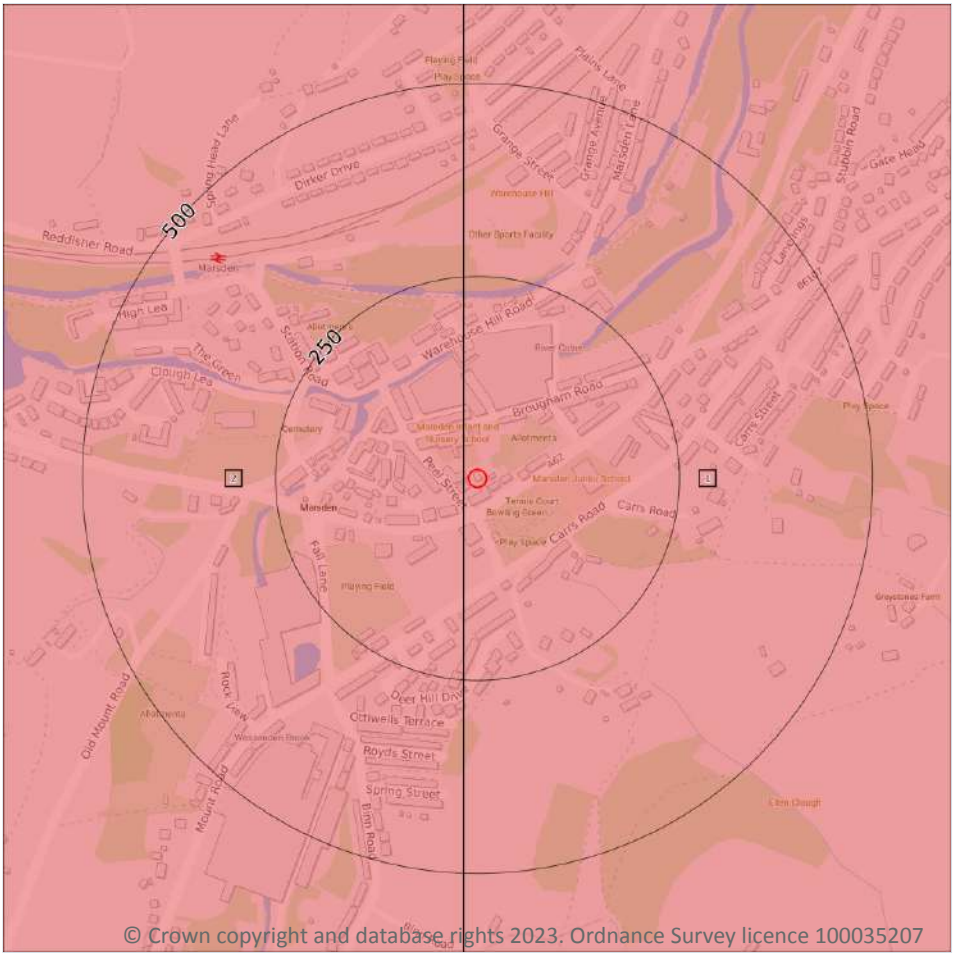
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 44 >**

ID	Location	Designation	Description
1	337m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	2

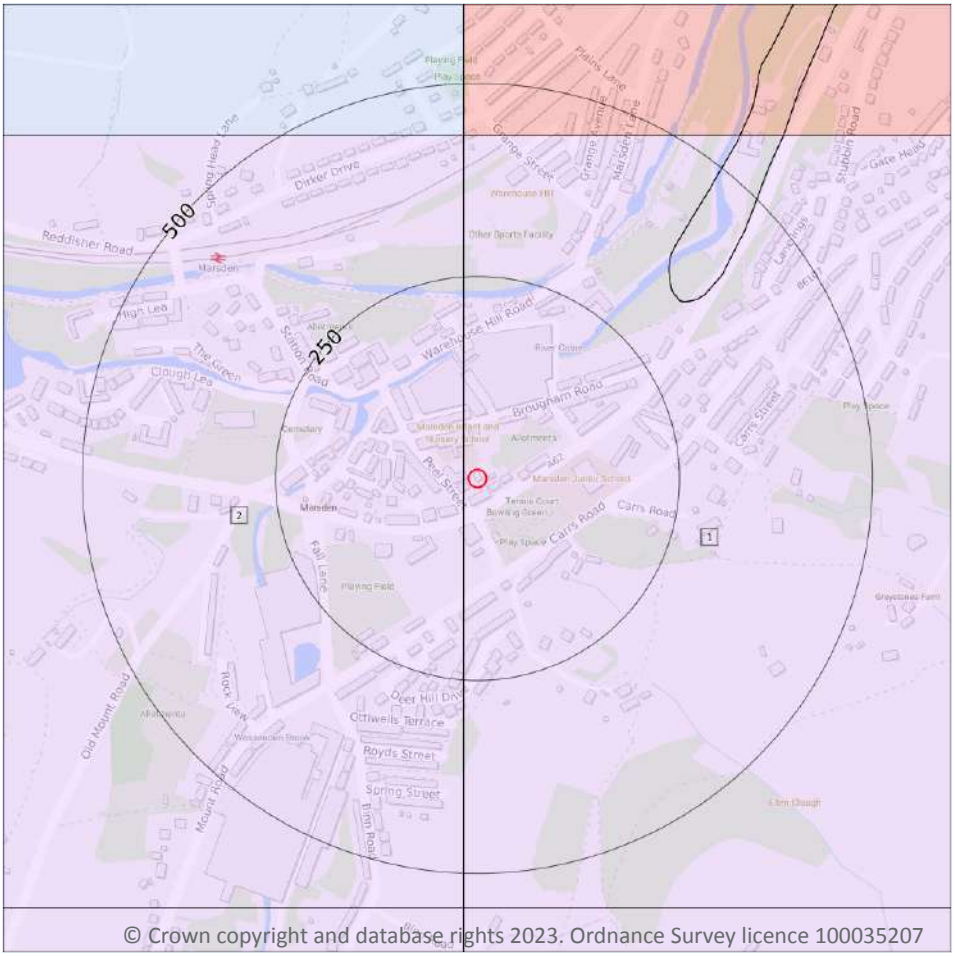
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 45 >**

ID	Location	Designation	Description
1	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
2	6m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 47 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures**
2	6m W	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

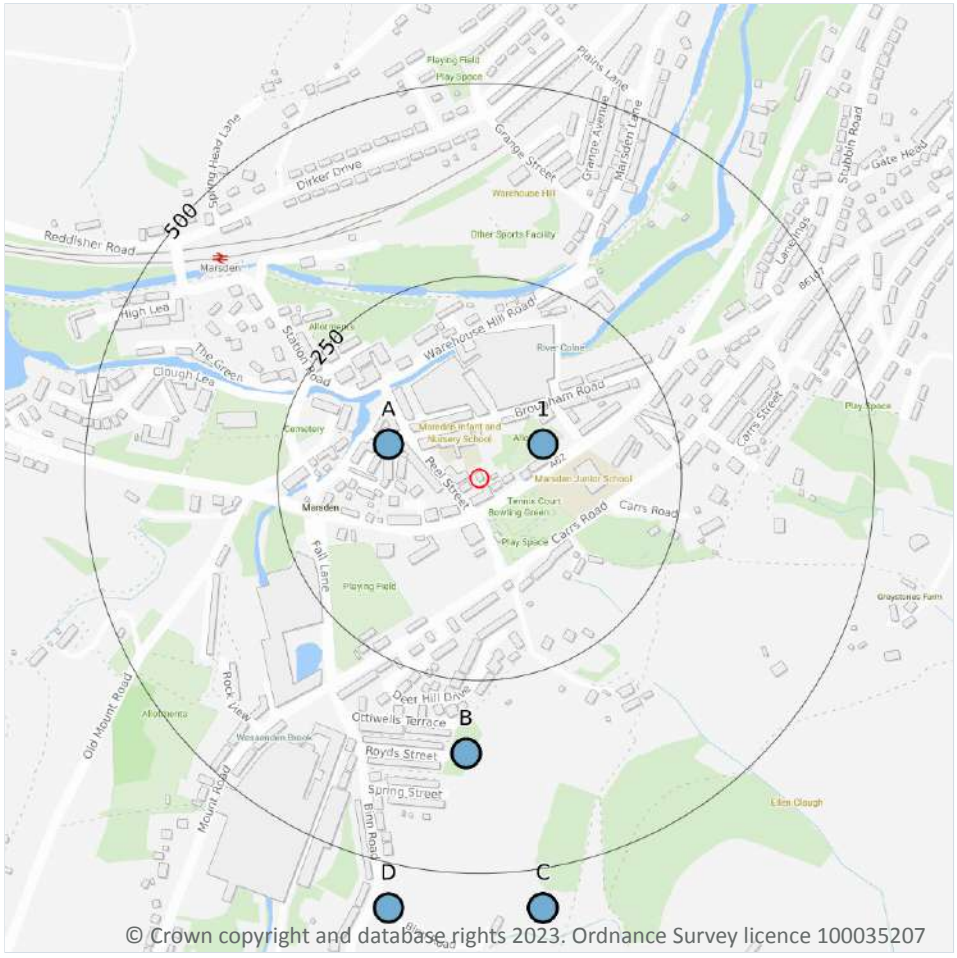
5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



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- Site Outline

Search buffers in metres (m)

- Source Protection Zone 1 — Inner catchment
- Source Protection Zone 2 — Outer catchment
- Source Protection Zone 3 — Total catchment
- Source Protection Zone 4 — Zone of Special Interest
- Source Protection Zone 1c — Inner catchment - confined aquifer
- Source Protection Zone 2c — Outer catchment - confined aquifer
- Source Protection Zone 3c — Total catchment - confined aquifer
- Drinking water abstraction licences
- Drinking water abstraction licences — Polygon features
- Drinking water abstraction licences — Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m	13

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 49 >**

ID	Location	Details	
-	622m W	Status: Historical Licence No: 2/27/11/054 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: SPRING Data Type: Point Name: S B HOMES LTD Easting: 404400 Northing: 411700	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/05/1999 Version End Date: -
-	1280m SW	Status: Historical Licence No: 2/27/11/180 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: MARSDEN GOLF CLUB Easting: 404350 Northing: 410450	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 11/10/1996 Expiry Date: 30/11/2006 Issue No: 100 Version Start Date: 11/10/1996 Version End Date: -
-	1280m SW	Status: Historical Licence No: 2/27/11/180 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - MILLSTONE GRIT - MARSDEN Data Type: Point Name: MARSDEN GOLF CLUB Easting: 404350 Northing: 410450	Annual Volume (m^3): 5600 Max Daily Volume (m^3): 50 Original Application No: - Original Start Date: 11/10/1996 Expiry Date: 30/11/2006 Issue No: 100 Version Start Date: 11/10/1996 Version End Date: -
-	1280m SW	Status: Historical Licence No: 2/27/11/192 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - MILLSTONE GRIT - MARSDEN Data Type: Point Name: MARSDEN GOLF CLUB Easting: 404350 Northing: 410450	Annual Volume (m^3): 2500 Max Daily Volume (m^3): 50 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -
-	1284m SW	Status: Active Licence No: 2/27/11/192/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - MILLSTONE GRIT - MARSDEN Data Type: Point Name: Lawson Easting: 404280 Northing: 410490	Annual Volume (m^3): 2500 Max Daily Volume (m^3): 50 Original Application No: NPS/WR/031733 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 10/07/2019 Version End Date: -

ID	Location	Details	
-	1284m SW	Status: Active Licence No: 2/27/11/192/R01 Details: General Washing/Process Washing Direct Source: GROUNDWATERS Point: BOREHOLE - MILLSTONE GRIT - MARSDEN Data Type: Point Name: Lawson Easting: 404280 Northing: 410490	Annual Volume (m^3): 2500 Max Daily Volume (m^3): 50 Original Application No: NPS/WR/031733 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 10/07/2019 Version End Date: -
-	1732m N	Status: Active Licence No: 2/27/11/092 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING - SLAITHWAITE HALL Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 405000 Northing: 413300	Annual Volume (m^3): 15597 Max Daily Volume (m^3): 42.73 Original Application No: 430(5) Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1732m N	Status: Historical Licence No: 2/27/11/092 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SLAITHWAITE HALL Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 405000 Northing: 413300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	1732m N	Status: Historical Licence No: 2/27/11/092 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING - SLAITHWAITE HALL Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 405000 Northing: 413300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	1901m E	Status: Active Licence No: 2/27/11/099 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING - OS FIELD 1816 Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 406900 Northing: 411900	Annual Volume (m^3): 7467 Max Daily Volume (m^3): 20.46 Original Application No: 430(12) Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -

ID	Location	Details	
-	1901m E	Status: Historical Licence No: 2/27/11/099 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 406900 Northing: 411900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	1901m E	Status: Historical Licence No: 2/27/11/099 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING-OS FIELD 1816 Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 406900 Northing: 411900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	1901m E	Status: Historical Licence No: 2/27/11/099 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING-OS FIELD 1816 Data Type: Point Name: THE DARTMOUTH YORKSHIRE ESTATE Easting: 406900 Northing: 411900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	**71**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 49 >**

ID	Location	Details	
1	81m NE	Status: Active Licence No: 2/27/11/101 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: COLNE VALLEY SPINNING CO LTD Easting: 405100 Northing: 411600	Annual Volume (m^3): 129688 Max Daily Volume (m^3): 545.52 Original Application No: 1623 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/06/1980 Version End Date: -
A	114m W	Status: Active Licence No: 2/27/11/101 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK - MARSDEN Data Type: Point Name: COLNE VALLEY SPINNING CO LTD Easting: 404900 Northing: 411600	Annual Volume (m^3): 129688 Max Daily Volume (m^3): 545.52 Original Application No: 1623 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/06/1980 Version End Date: -
A	114m W	Status: Historical Licence No: 2/27/11/101 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK Data Type: Point Name: COLNE VALLEY SPINNING CO LTD Easting: 404900 Northing: 411600	Annual Volume (m^3): 129688 Max Daily Volume (m^3): 545.52 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/06/1980 Version End Date: -
B	344m S	Status: Active Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
B	344m S	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: TRIBUTARY Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TRIBUTARY Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TRIBUTARY Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: UNNAMED TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: UNNAMED TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: UNNAMED TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
B	344m S	Status: Historical Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: UNNAMED TRIBUTARY - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405000 Northing: 411200	Annual Volume (m^3): - Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BINN STREAM - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Active Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: BINN STREAM - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BINN STREAM - MARSDEN Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
C	550m S	Status: Historical Licence No: 2/27/11/102 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BINN STREAM Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Historical Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: BINN STREAM Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Historical Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BINN STREAM Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
C	550m S	Status: Historical Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BINN STREAM Data Type: Point Name: J E CROWTHER LTD Easting: 405100 Northing: 411000	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
D	556m S	Status: Active Licence No: 2/27/11/101 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: SCOUT STREAM - MARSDEN Data Type: Point Name: COLNE VALLEY SPINNING CO LTD Easting: 404900 Northing: 411000	Annual Volume (m^3): 129688 Max Daily Volume (m^3): 545.52 Original Application No: 1623 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/06/1980 Version End Date: -
D	556m S	Status: Historical Licence No: 2/27/11/101 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: SCOUT STREAM Data Type: Point Name: COLNE VALLEY SPINNING CO LTD Easting: 404900 Northing: 411000	Annual Volume (m^3): 129688 Max Daily Volume (m^3): 545.52 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/06/1980 Version End Date: -
-	652m W	Status: Active Licence No: 2/27/11/053 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: S B HOMES LTD Easting: 404400 Northing: 411800	Annual Volume (m^3): 145470 Max Daily Volume (m^3): 636 Original Application No: 689(1) Original Start Date: 20/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 03/04/2002 Version End Date: -
-	802m NE	Status: Active Licence No: 2/27/11/108 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER Point: RIVER COLNE-MARSDEN Data Type: Point Name: Cellars Clough Properties Ltd Easting: 405410 Northing: 412270	Annual Volume (m^3): 4091481 Max Daily Volume (m^3): 23867 Original Application No: NPS/WR/018590 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 104 Version Start Date: 04/03/2015 Version End Date: -

ID	Location	Details	
-	808m SW	Status: Active Licence No: 2/27/11/102 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK Data Type: Point Name: J E CROWTHER LTD Easting: 404700 Northing: 410800	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	808m SW	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK Data Type: Point Name: J E CROWTHER LTD Easting: 404700 Northing: 410800	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	808m SW	Status: Active Licence No: 2/27/11/102 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK Data Type: Point Name: J E CROWTHER LTD Easting: 404700 Northing: 410800	Annual Volume (m^3): 1652505.58 Max Daily Volume (m^3): 6787.32 Original Application No: 1624 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -
-	808m SW	Status: Historical Licence No: 2/27/11/102 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: WESSENDEN BROOK Data Type: Point Name: J E CROWTHER LTD Easting: 404700 Northing: 410800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1966 Version End Date: -

ID	Location	Details	
-	824m NE	Status: Historical Licence No: 2/27/11/108 Details: Milling & Water power other than electricity generation Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: COOPER Easting: 405400 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	824m NE	Status: Historical Licence No: 2/27/11/108 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: COOPER Easting: 405400 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 18/05/2002 Version End Date: -
-	824m NE	Status: Historical Licence No: 2/27/11/108 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: COOPER Easting: 405400 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 18/05/2002 Version End Date: -
-	968m S	Status: Historical Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SPRING - BUTTERLEY RESERVOIR Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 404800 Northing: 410600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 27/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 19/12/1980 Version End Date: -
-	968m S	Status: Historical Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BUTTERLEY RESERVOIR Data Type: Point Name: Yorkshire Water Services Ltd Easting: 404800 Northing: 410600	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): 12410000 Original Application No: NPS/WR/012982 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2013 Version End Date: -

ID	Location	Details	
-	1032m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412600	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1032m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412600	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1091m S	Status: Active Licence No: 2/27/11/065 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: BUTTERLEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 404700 Northing: 410500	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1091m S	Status: Active Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BUTTERLEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 404700 Northing: 410500	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1129m NE	Status: Active Licence No: NE/027/0011/027 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: SPARTH RESERVOIR Data Type: Point Name: Canal and River Trust Easting: 405610 Northing: 412532	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: NPS/NA/001056 Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -
-	1129m NE	Status: Historical Licence No: NE/027/0011/027 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SPARTH RESERVOIR Data Type: Point Name: Canal and River Trust Easting: 405610 Northing: 412532	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -
-	1173m NE	Status: Active Licence No: NE/027/0011/024 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: PARK GATE CLOUGH, MARSDEN, HUDDERSFIELD Data Type: Point Name: Canal and River Trust Easting: 405673 Northing: 412544	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: NPS/NA/001046 Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -
-	1173m NE	Status: Historical Licence No: NE/027/0011/024 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: PARK GATE CLOUGH, MARSDEN, HUDDERSFIELD Data Type: Point Name: Canal and River Trust Easting: 405673 Northing: 412544	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -

ID	Location	Details	
-	1194m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 412700	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1194m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 412700	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1198m NE	Status: Active Licence No: 2/27/11/108 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER Point: PARK GATE CLOUGH-MARSDEN Data Type: Point Name: Cellars Clough Properties Ltd Easting: 405800 Northing: 412480	Annual Volume (m^3): 4091481 Max Daily Volume (m^3): 23867 Original Application No: NPS/WR/018590 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 104 Version Start Date: 04/03/2015 Version End Date: -
-	1198m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: PARK GATE CLOUGH-MARSDEN Data Type: Point Name: SMITH DEVELOPMENTS LTD Easting: 405800 Northing: 412480	Annual Volume (m^3): 18184 Max Daily Volume (m^3): 72.7 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/10/2004 Version End Date: -

ID	Location	Details	
-	1198m NE	Status: Historical Licence No: 2/27/11/109 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: PARK GATE CLOUGH-MARSDEN Data Type: Point Name: SMITH DEVELOPMENTS LTD Easting: 405800 Northing: 412480	Annual Volume (m^3): 18184 Max Daily Volume (m^3): 72.7 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/10/2004 Version End Date: -
-	1214m NE	Status: Historical Licence No: 2/27/11/109 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: PARK GATE CLOUGH Data Type: Point Name: COOPER Easting: 405800 Northing: 412500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	1214m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: PARK GATE CLOUGH Data Type: Point Name: COOPER Easting: 405800 Northing: 412500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	1214m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: PARK GATE CLOUGH Data Type: Point Name: COOPER Easting: 405800 Northing: 412500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	1220m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: CELLARS CLOUGH Data Type: Point Name: COOPER Easting: 406000 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -

ID	Location	Details	
-	1220m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: CELLARS CLOUGH Data Type: Point Name: COOPER Easting: 406000 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	1220m NE	Status: Historical Licence No: 2/27/11/109 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: CELLARS CLOUGH Data Type: Point Name: COOPER Easting: 406000 Northing: 412300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 29/05/1990 Version End Date: -
-	1232m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1232m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1238m NE	Status: Active Licence No: 2/27/11/108 Details: Lake & Pond Throughflow Direct Source: SURFACE WATER Point: CELLARS CLOUGH-MARSDEN Data Type: Point Name: Cellars Clough Properties Ltd Easting: 406030 Northing: 412290	Annual Volume (m^3): 4091481 Max Daily Volume (m^3): 23867 Original Application No: NPS/WR/018590 Original Start Date: 28/04/1966 Expiry Date: - Issue No: 104 Version Start Date: 04/03/2015 Version End Date: -
-	1238m NE	Status: Historical Licence No: 2/27/11/109 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: CELLARS CLOUGH-MARSDEN Data Type: Point Name: SMITH DEVELOPMENTS LTD Easting: 406030 Northing: 412290	Annual Volume (m^3): 18184 Max Daily Volume (m^3): 72.7 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/10/2004 Version End Date: -
-	1238m NE	Status: Historical Licence No: 2/27/11/109 Details: Boiler Feed Direct Source: SURFACE WATER Point: CELLARS CLOUGH-MARSDEN Data Type: Point Name: SMITH DEVELOPMENTS LTD Easting: 406030 Northing: 412290	Annual Volume (m^3): 18184 Max Daily Volume (m^3): 72.7 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/10/2004 Version End Date: -
-	1310m NW	Status: Historical Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Line Name: Yorkshire Water Services Ltd Easting: 402800 Northing: 411000	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): 5840000 Original Application No: NPS/WR/012983 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2013 Version End Date: -

ID	Location	Details	
-	1322m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405500 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1322m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405500 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1492m NE	Status: Historical Licence No: 2/27/11/110 Details: Milling & Water Power Other Than Electricity Generation Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: LILA HURST LTD Easting: 406100 Northing: 412600	Annual Volume (m^3): 110013 Max Daily Volume (m^3): 287.762 Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/09/1987 Version End Date: -
-	1634m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405100 Northing: 413200	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1634m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405100 Northing: 413200	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1712m W	Status: Active Licence No: NE/027/0011/028 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: Canal and River Trust Easting: 403405 Northing: 412166	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: NPS/NA/001060 Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -
-	1712m W	Status: Historical Licence No: NE/027/0011/028 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: RIVER COLNE Data Type: Point Name: Canal and River Trust Easting: 403405 Northing: 412166	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 26/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 26/03/2021 Version End Date: -
-	1826m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405600 Northing: 413300	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1826m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405600 Northing: 413300	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1940m N	Status: Active Licence No: 2/27/11/064 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405200 Northing: 413500	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1940m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405200 Northing: 413500	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1981m S	Status: Active Licence No: 2/27/11/065 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: BLAKELEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 409600	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1981m S	Status: Active Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BLAKELEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 409600	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	**12**

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 49 >**

ID	Location	Details	
-	968m S	Status: Historical Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SPRING - BUTTERLEY RESERVOIR Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 404800 Northing: 410600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 27/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 19/12/1980 Version End Date: -
-	968m S	Status: Historical Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BUTTERLEY RESERVOIR Data Type: Point Name: Yorkshire Water Services Ltd Easting: 404800 Northing: 410600	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): 12410000 Original Application No: NPS/WR/012982 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2013 Version End Date: -

ID	Location	Details	
-	1032m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412600	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1091m S	Status: Active Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BUTTERLEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 404700 Northing: 410500	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1194m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 412700	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1232m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405000 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1310m NW	Status: Historical Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Line Name: Yorkshire Water Services Ltd Easting: 402800 Northing: 411000	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): 5840000 Original Application No: NPS/WR/012983 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2013 Version End Date: -
-	1322m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405500 Northing: 412800	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1634m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405100 Northing: 413200	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1826m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405600 Northing: 413300	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

ID	Location	Details	
-	1940m N	Status: Active Licence No: 2/27/11/064 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: SCAMMONDEN INTAKES AND CATCHWATER IN COLNE S/C Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405200 Northing: 413500	Annual Volume (m^3): 5840000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037306 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -
-	1981m S	Status: Active Licence No: 2/27/11/065 Details: Potable Water Supply - Direct Direct Source: SURFACE WATER Point: BLAKELEY Data Type: Point Name: Yorkshire Water Services Ltd Easting: 405400 Northing: 409600	Annual Volume (m^3): 12410000 Max Daily Volume (m^3): - Original Application No: NPS/WR/037304 Original Start Date: 27/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/03/2023 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	**0**

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

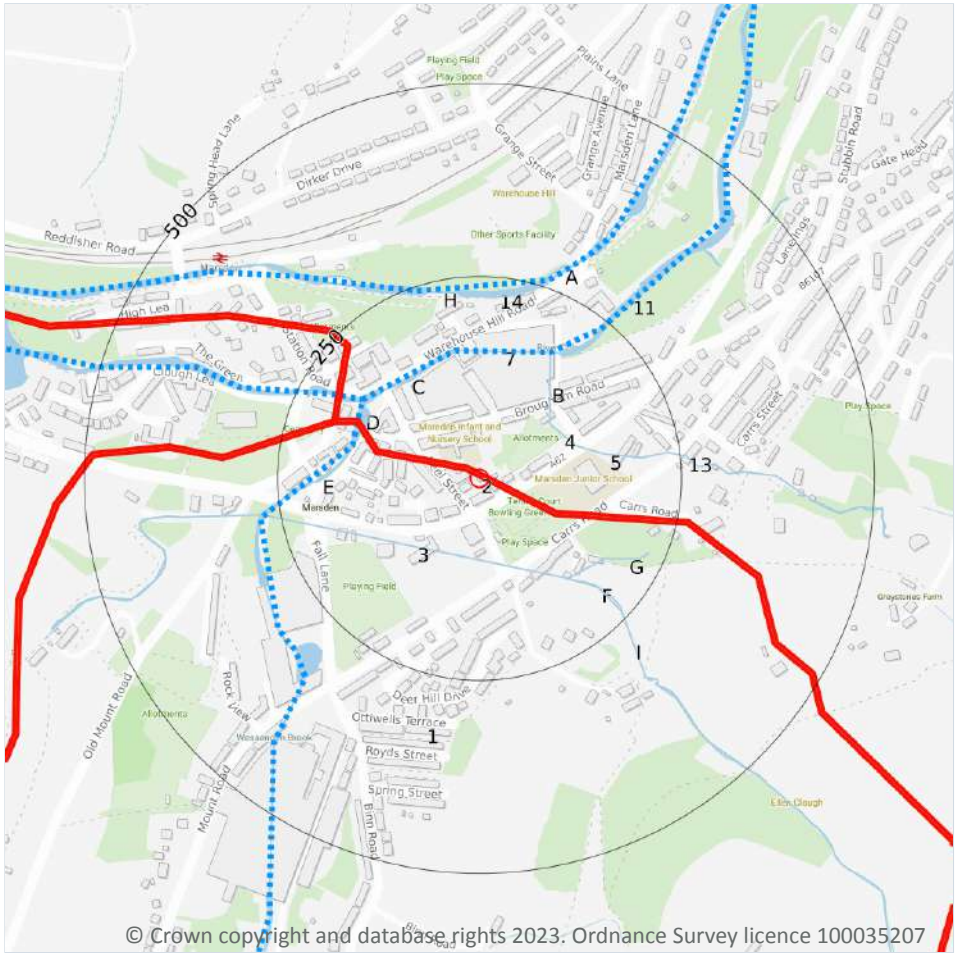
5.10 Source Protection Zones (confined aquifer)

Records within 500m	**0**

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



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Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	22

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 74 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
3	91m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
4	103m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	103m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
5	119m E	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
C	145m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Colne
7	153m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	River Colne
E	155m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wessenden Brook
D	156m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wessenden Brook
D	156m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wessenden Brook
F	161m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	161m SE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
D	168m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wessenden Brook
D	170m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Colne
B	175m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	River Colne

ID	Location	Type of water feature	Ground level	Permanence	Name
G	180m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
11	181m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Colne
13	200m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	227m N	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Huddersfield Narrow Canal
H	231m N	Lock or flight of locks. An enclosure in a canal or navigable river with gates and sluices at either end.	On ground surface	Watercourse contains water year round (in normal circumstances)	Huddersfield Narrow Canal
D	236m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Colne
H	237m N	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Huddersfield Narrow Canal
I	240m SE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**8**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 74 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 74 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River**	**Wessenden Bk from Butterly Resr to River Coln**	**GB104027063190**	**Colne and Holme**	**Aire and Calder**
A	**On site**	**River**	**Colne from Wessenden Brook to R Holme**	**GB104027063330**	**Colne and Holme**	**Aire and Calder**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	3

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 74 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	150m NW	River	Colne from Wessenden Brook to R Holme	GB104027063330 ↗	Moderate	Fail	Moderate	2019
8	158m W	River	Wessenden Bk from Butterly Resr to River Coln	GB104027063190 ↗	Moderate	Fail	Moderate	2019
15	237m N	Canal	Huddersfield Narrow Canal east section	GB70410269 ↗	Moderate	Fail	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 74 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	**On site**	**Aire & Calder Carb Limestone / Millstone Grit / Coal Measures.**	**GB40402G700400** ↗	**Poor**	**Poor**	**Good**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

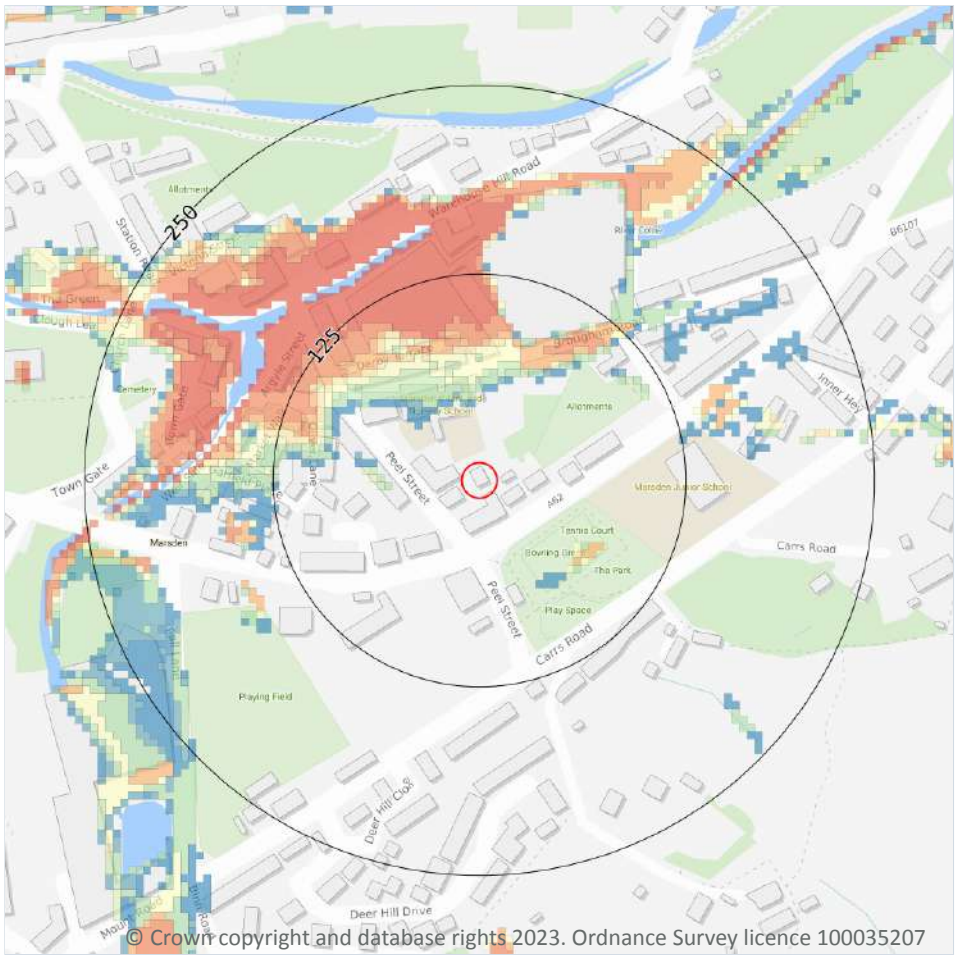
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



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8.1 Surface water flooding

Highest risk on site	**Negligible**
Highest risk within 50m	**1 in 250 year, 0.3m - 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 82 >**

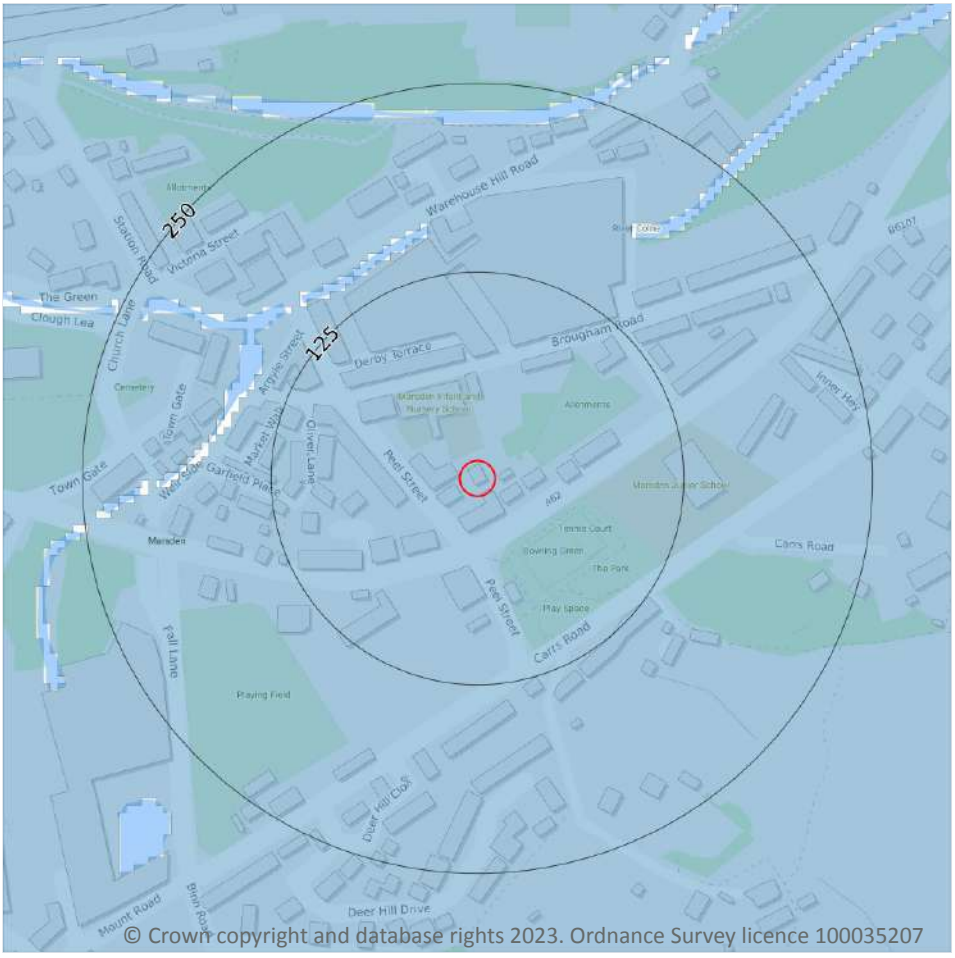
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

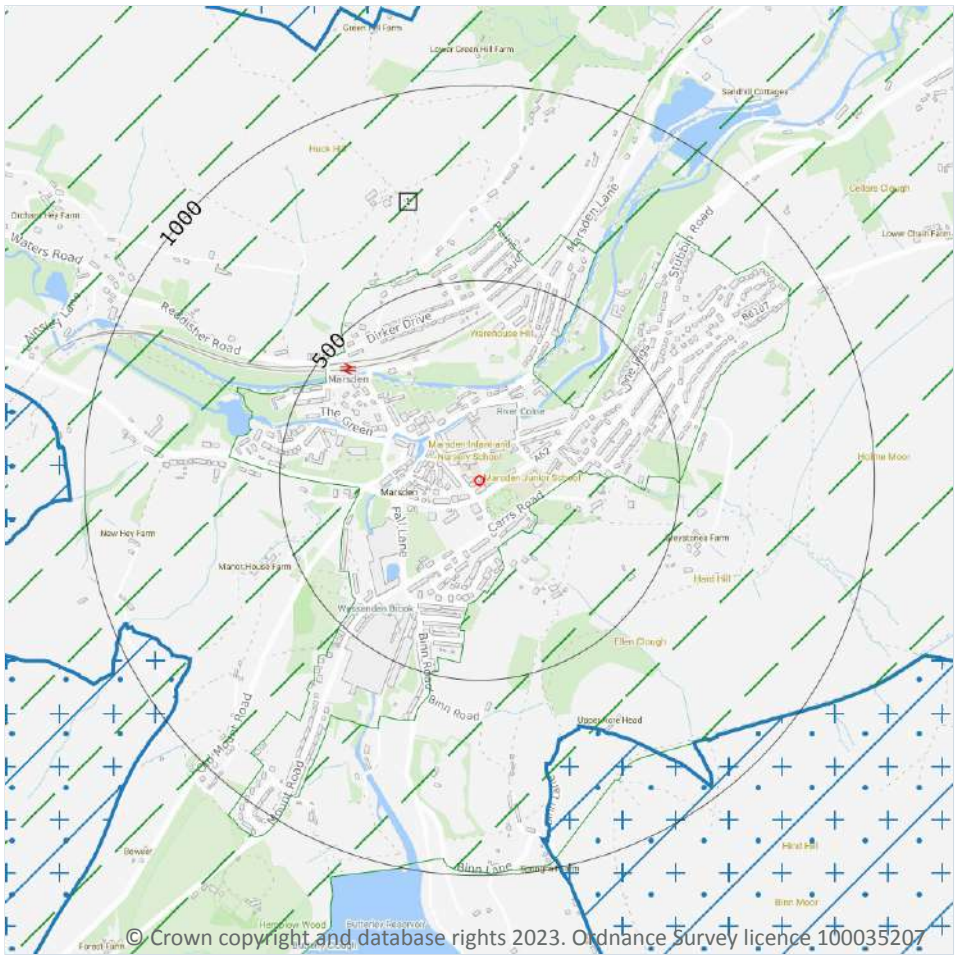
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 84 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)
- Special Protection Areas (SPA)
- Designated Ancient Woodland
- Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	3

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 85 >**

ID	Location	Name	Data source
2	667m S	Dark Peak	Natural England

ID	Location	Name	Data source
A	859m SW	South Pennine Moors	Natural England
5	1169m N	South Pennine Moors	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	**2**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

Features are displayed on the Environmental designations map on **page 85 >**

ID	Location	Name	Features of interest	Habitat description	Data source
3	667m S	South Pennine Moors	Wet heathland with cross-leaved heath; Dry heaths; Blanket bog; Very wet mires often identified by an unstable `quaking` surface; Western acidic oak woodland.	Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland; Mixed woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas); Bogs, Marshes, Water fringed vegetation, Fens; Broad-leaved deciduous woodland; Dry grassland, Steppes	Natural England

ID	Location	Name	Features of interest	Habitat description	Data source
A	859m SW	South Pennine Moors	Wet heathland with cross-leaved heath; Dry heaths; Blanket bog; Very wet mires often identified by an unstable `quaking` surface; Western acidic oak woodland.	Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland; Mixed woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas); Bogs, Marshes, Water fringed vegetation, Fens; Broad-leaved deciduous woodland; Dry grassland, Steppes	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m **4**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

Features are displayed on the Environmental designations map on **page 85 >**

ID	Location	Name	Species of interest	Habitat description	Data source
4	667m S	Peak District Moors (South Pennine Moors Phase 1)	Merlin; European golden plover; Short-eared owl	Bogs, Marshes, Water fringed vegetation, Fens; Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Inland rocks, Screes, Sands, Permanent Snow and ice; Dry grassland, Steppes; Humid grassland, Mesophile grassland; Broad-leaved deciduous woodland	Natural England
A	859m SW	South Pennine Moors Phase 2	Merlin; European golden plover; Short-eared owl	Inland water bodies (Standing water, Running water); Heath, Scrub, Maquis and Garrigue, Phygrana; Humid grassland, Mesophile grassland; Bogs, Marshes, Water fringed vegetation, Fens	Natural England
6	1169m N	South Pennine Moors Phase 2	Merlin; European golden plover; Short-eared owl	Inland water bodies (Standing water, Running water); Heath, Scrub, Maquis and Garrigue, Phygrana; Humid grassland, Mesophile grassland; Bogs, Marshes, Water fringed vegetation, Fens	Natural England

ID	Location	Name	Species of interest	Habitat description	Data source
-	1258m S	Peak District Moors (South Pennine Moors Phase 1)	Merlin; European golden plover; Short-eared owl	Bogs, Marshes, Water fringed vegetation, Fens; Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Inland rocks, Screes, Sands, Permanent Snow and ice; Dry grassland, Steppes; Humid grassland, Mesophile grassland; Broad-leaved deciduous woodland	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	5

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 85 >**

ID	Location	Name	Woodland Type
-	1328m S	Unknown	Ancient & Semi-Natural Woodland
-	1395m S	Unknown	Ancient & Semi-Natural Woodland

ID	Location	Name	Woodland Type
-	1742m S	Unknown	Ancient & Semi-Natural Woodland
-	1743m S	Unknown	Ancient & Semi-Natural Woodland
-	1825m S	Unknown	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	1

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on **page 85 >**

ID	Location	Name	Local Authority name
1	131m SE	South and West Yorkshire	Kirklees

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or ‘classified’) under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate

Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

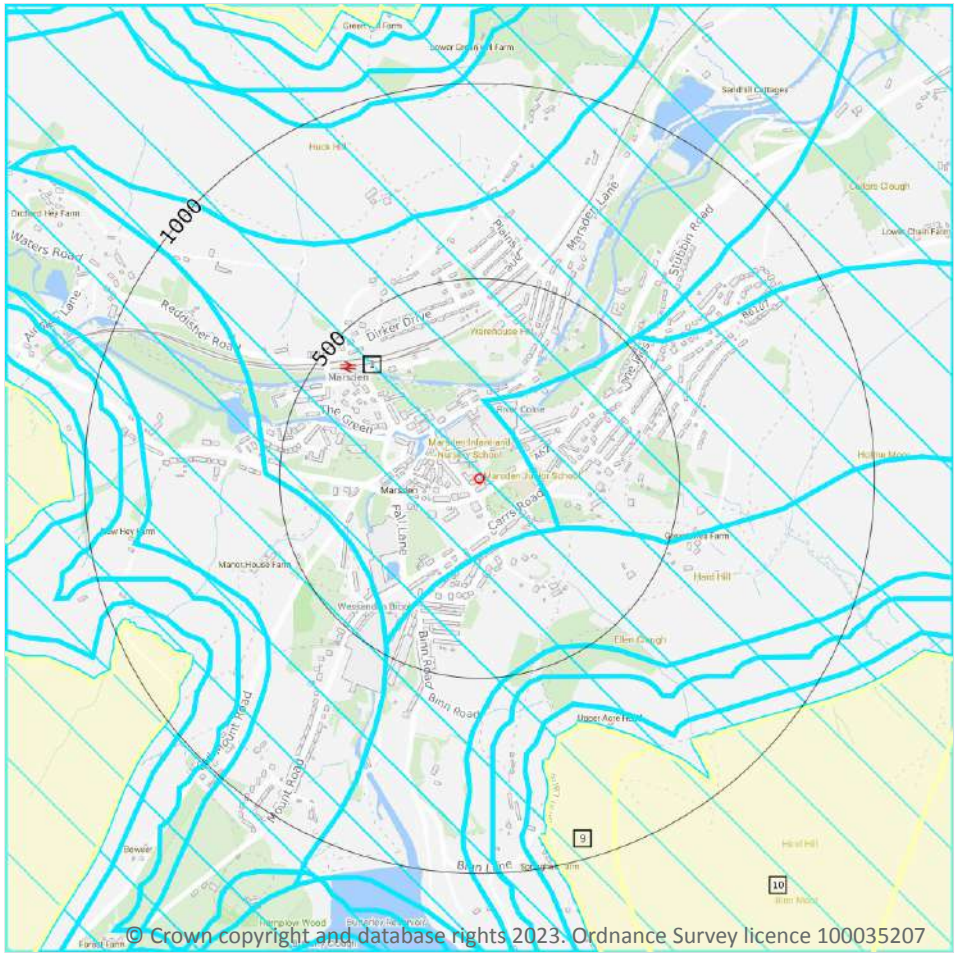
10.16 Nitrate Vulnerable Zones

Records within 2000m	**0**

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 92 >**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	14

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 92 >**

ID:	9
Location:	667m S
SSSI name:	Dark Peak
Unit name:	Binn Edge
Broad habitat:	Dwarf Shrub Heath - Upland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	29/11/2010
H4030 European dry heaths	Unfavourable - Recovering	30/06/2006
Merlin, Falco columbarius - A098, b	Favourable	29/11/2010
Subalpine dwarf-shrub heath	Favourable	29/11/2010

ID: 10
Location: 800m SE
SSSI name: Dark Peak
Unit name: Binn Moor/leyzing Clough
Broad habitat: Acid Grassland - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Not Recorded	01/01/1900
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	29/11/2010
Golden plover, Pluvialis apricaria - A140, b	Favourable	29/11/2010
Merlin, Falco columbarius - A098, b	Favourable	29/11/2010
Mire grasslands and rush pastures (upland)	Not Recorded	01/01/1900
Subalpine dwarf-shrub heath	Not Recorded	01/01/1900

ID: 11
Location: 859m SW
SSSI name: South Pennine Moors
Unit name: Pule Bents
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Unfavourable - Recovering	27/06/2011
Aggregations of breeding birds - Curlew, Numenius arquata	Unfavourable - Recovering	27/06/2011

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	25/03/2022
Assemblages of breeding birds - Upland moorland and grassland without water bodies	-	-
Blanket bog and valley bog (upland)	Unfavourable - Recovering	27/06/2011
ED - Namurian	Favourable	22/11/2021
EW - Namurian	Favourable	22/11/2021
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	27/06/2011
H4030 European dry heaths	Unfavourable - Recovering	27/06/2011
H7130 Blanket bog	Unfavourable - Recovering	27/06/2011
Short sedge acidic fen (upland)	Unfavourable - Recovering	27/06/2011
Subalpine dwarf-shrub heath	Unfavourable - Recovering	27/06/2011
Wet heath (upland)	-	-

ID: 13
Location: 1037m W
SSSI name: South Pennine Moors
Unit name: Firth Pule
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Curlew, Numenius arquata	Favourable	01/10/2010
Blanket bog and valley bog (upland)	Favourable	01/10/2010
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	31/03/2010
H4030 European dry heaths	Unfavourable - Recovering	31/03/2010
H7130 Blanket bog	Unfavourable - Recovering	31/03/2010
Short sedge acidic fen (upland)	Favourable	01/10/2010
Wet heath (upland)	-	-

ID: 16
Location: 1169m N
SSSI name: South Pennine Moors
Unit name: Netherwood Heys
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Curlew, Numenius arquata	-	-
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	29/11/2012
H4030 European dry heaths	Unfavourable - Recovering	29/11/2012
H7130 Blanket bog	Unfavourable - Recovering	29/11/2012
Wet heath (upland)	-	-

ID: -
Location: 1258m S
SSSI name: Dark Peak
Unit name: Little Butterly Hill
Broad habitat: Dwarf Shrub Heath - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Unfavourable - Recovering	29/09/2011
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	29/09/2011
Golden plover, Pluvialis apricaria - A140, b	Favourable	29/09/2011
H7130 Blanket bog	Unfavourable - Recovering	29/09/2011
Merlin, Falco columbarius - A098, b	Favourable	29/09/2011
Mire grasslands and rush pastures (upland)	Unfavourable - Recovering	29/09/2011
Short sedge acidic fen (upland)	Unfavourable - Recovering	29/09/2011
Subalpine dwarf-shrub heath	Unfavourable - Recovering	29/09/2011

ID: 18
Location: 1345m E
SSSI name: Dark Peak
Unit name: Horseley Head Moss
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	29/02/2012
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	29/02/2012
Blanket bog and valley bog (upland)	Favourable	29/02/2012
Golden plover, Pluvialis apricaria - A140, b	Favourable	29/02/2012
H7130 Blanket bog	Unfavourable - Recovering	29/02/2012
Merlin, Falco columbarius - A098, b	Favourable	29/02/2012

ID: -
Location: 1483m SE
SSSI name: Dark Peak
Unit name: Deer Hill Moss
Broad habitat: Bogs - Upland
Condition: Unfavourable - No change
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Not Recorded	01/01/1900
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	07/04/2022
Golden plover, Pluvialis apricaria - A140, b	Favourable	07/04/2022
H7130 Blanket bog	Unfavourable - No change	30/03/2022

ID: -
Location: 1603m SW
SSSI name: Dark Peak
Unit name: Bobus
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering

Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Unfavourable - Recovering	20/03/2009
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Unfavourable - Recovering	29/11/2010
Blanket bog and valley bog (upland)	Unfavourable - Recovering	29/11/2010
Golden plover, Pluvialis apricaria - A140, b	Unfavourable - Recovering	29/11/2010
H7130 Blanket bog	Unfavourable - Recovering	30/03/2009
Merlin, Falco columbarius - A098, b	Unfavourable - Recovering	29/11/2010

ID: -
Location: 1619m SW
SSSI name: Dark Peak
Unit name: Carr Clough
Broad habitat: Acid Grassland - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Unfavourable - Recovering	20/09/2012
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	20/09/2012
Merlin, Falco columbarius - A098, b	Favourable	20/09/2012
Mire grasslands and rush pastures (upland)	Favourable	20/09/2012
Short-eared owl, Asio flammeus - A222, b	Unfavourable - Recovering	04/12/2012
Subalpine dwarf-shrub heath	Unfavourable - Recovering	20/09/2012

ID: -
Location: 1675m NW
SSSI name: South Pennine Moors
Unit name: Burne Moss
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Curlew, Numenius arquata	-	-
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	14/10/2009
H4030 European dry heaths	Unfavourable - Recovering	14/10/2009
H7130 Blanket bog	Unfavourable - Recovering	14/10/2009
Wet heath (upland)	-	-

ID: -
Location: 1733m N
SSSI name: South Pennine Moors
Unit name: Wortley Knowl
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Twite, Carduelis flavirostris	-	-
Assemblages of breeding birds - Upland moorland and grassland without water bodies	-	-
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	04/10/2012
H4030 European dry heaths	Unfavourable - Recovering	04/10/2012
H7130 Blanket bog	Unfavourable - Recovering	04/10/2012
Wet heath (upland)	-	-

ID: -
Location: 1961m W
SSSI name: South Pennine Moors
Unit name: Owlers Edge
Broad habitat: Bogs - Upland
Condition: Unfavourable - Recovering
Reportable features:

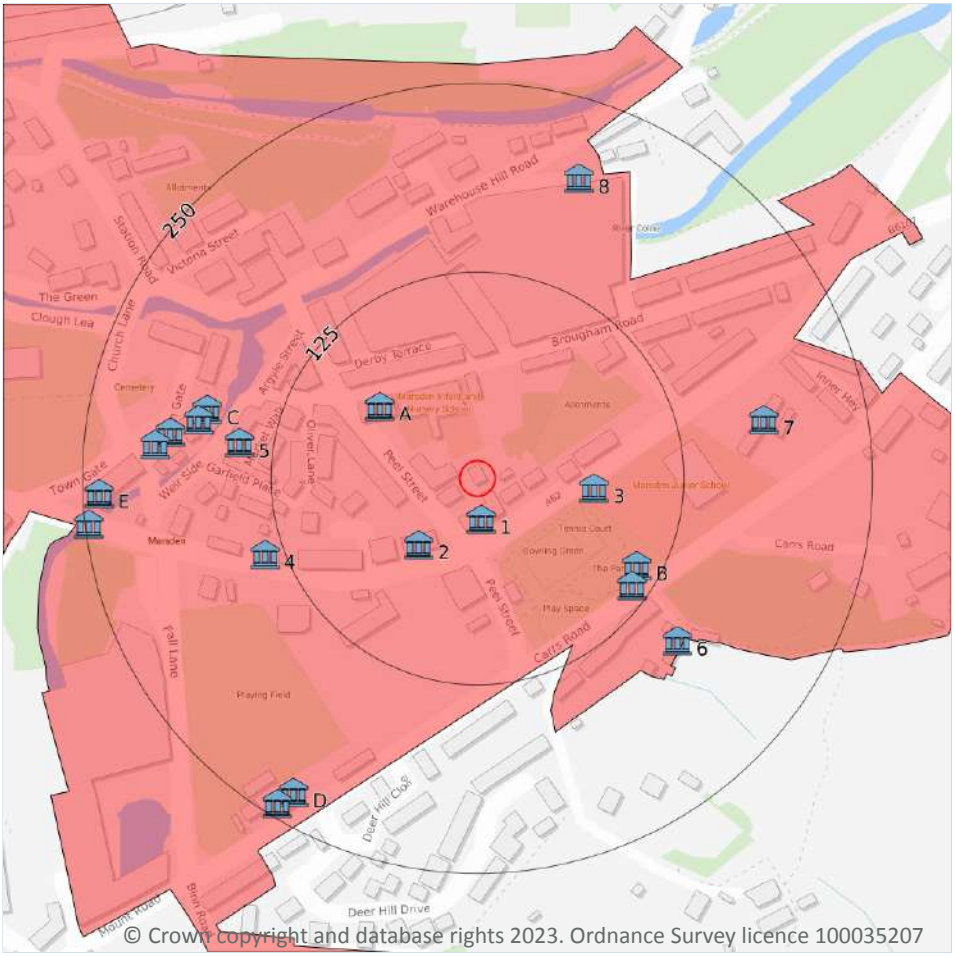
Feature name	Feature condition	Date of assessment
Short sedge acidic fen (upland)	Unfavourable - Recovering	02/11/2011

ID: -
Location: 1969m SW
SSSI name: Dark Peak
Unit name: Warcock Hill
Broad habitat: Acid Grassland - Upland
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Acid grassland (upland)	Unfavourable - Recovering	23/02/2012
Assemblages of breeding birds - Upland moorland and grassland with water bodies	Favourable	23/02/2012
Golden plover, Pluvialis apricaria - A140, b	Favourable	23/02/2012
Mire grasslands and rush pastures (upland)	Unfavourable - Recovering	23/02/2012
Subalpine dwarf-shrub heath	Unfavourable - Recovering	23/02/2012

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

Listed buildings

Conservation areas

Conservation areas - no data

National Parks

Areas of Outstanding Natural Beauty

Registered parks and gardens

Scheduled Monuments

World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	19

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 101 >**

ID	Location	Name	Grade	Reference Number	Listed date
1	16m S	Ingfield House	II	1217286	11/07/1985
2	47m SW	The New Inn	II	1275323	11/07/1985
3	66m E	7 Miles Post	II	1217291	11/07/1985
A	69m NW	Mechanics Institute	II	1274926	07/02/1973
B	109m SE	Marsden War Memorial	II	1421141	07/01/2015
B	113m SE	Monument To Samuel Laycock In Marsden Park	II	1231655	11/07/1985

ID	Location	Name	Grade	Reference Number	Listed date
4	138m W	House At Junction Of Manchester Road And Oliver Lane (Unnumbered)	II	1217294	11/07/1985
5	148m W	5, Weirside	II	1224998	11/07/1985
6	159m SE	Ing Head	II	1231653	11/07/1985
C	173m W	3, Town Gate	II	1224353	11/07/1985
C	177m W	5 And 7, Town Gate	II	1224365	11/07/1985
7	182m E	Inner Hey	II	1275471	11/07/1985
C	194m W	15 Town Gate	II	1266899	11/07/1985
8	198m N	10 Tenter Posts	II	1221739	11/07/1985
C	203m W	17 Town Gate	II	1266841	11/07/1985
D	229m SW	6, Carrs Road	II	1231652	11/07/1985
E	239m W	31, Town Gate	II	1224281	11/07/1985
D	241m SW	Old New Inn	II	1231651	11/07/1985
E	247m W	New Bridge	II	1217292	11/07/1985

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	**1**

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 101 >**

ID	Location	Name	District	Date of designation
A	**On site**	**Marsden**	**Kirklees**	**07/01/1974**

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

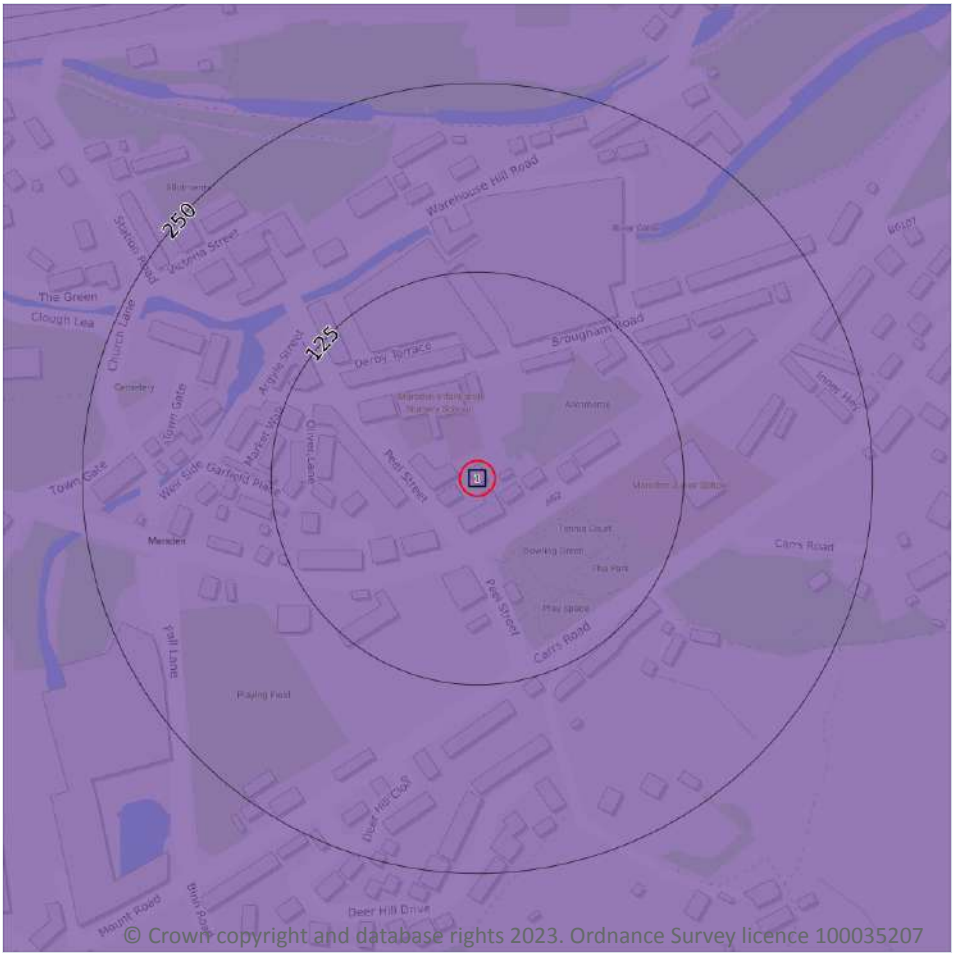
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 105 >**

ID	Location	Classification	Description
1	**On site**	**Urban**	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

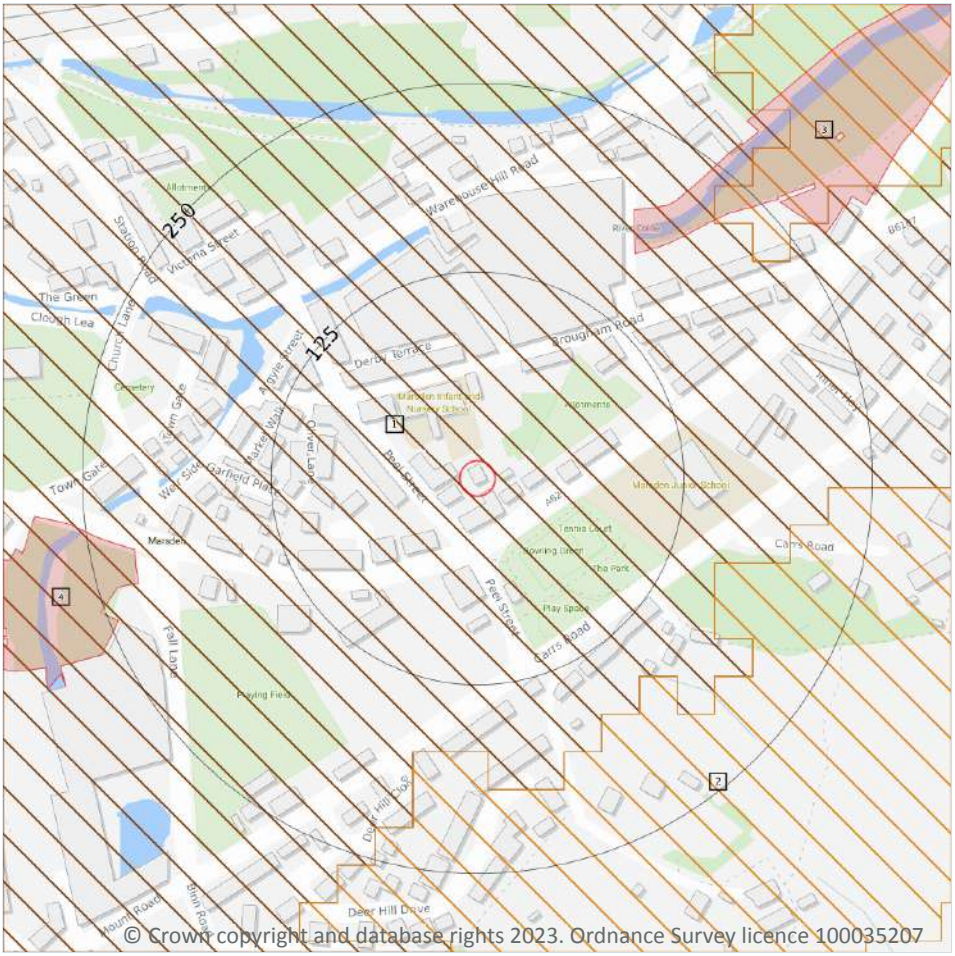
12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations



Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks

Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	2

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 107 >**

ID	Location	Main Habitat	Other habitats
3	170m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	220m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	2

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

Features are displayed on the Habitat designations map on **page 107 >**

ID	Location	Type	Habitat
1	**On site**	**Network Enhancement Zone 2**	**Not specified**
2	155m E	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



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Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m	2

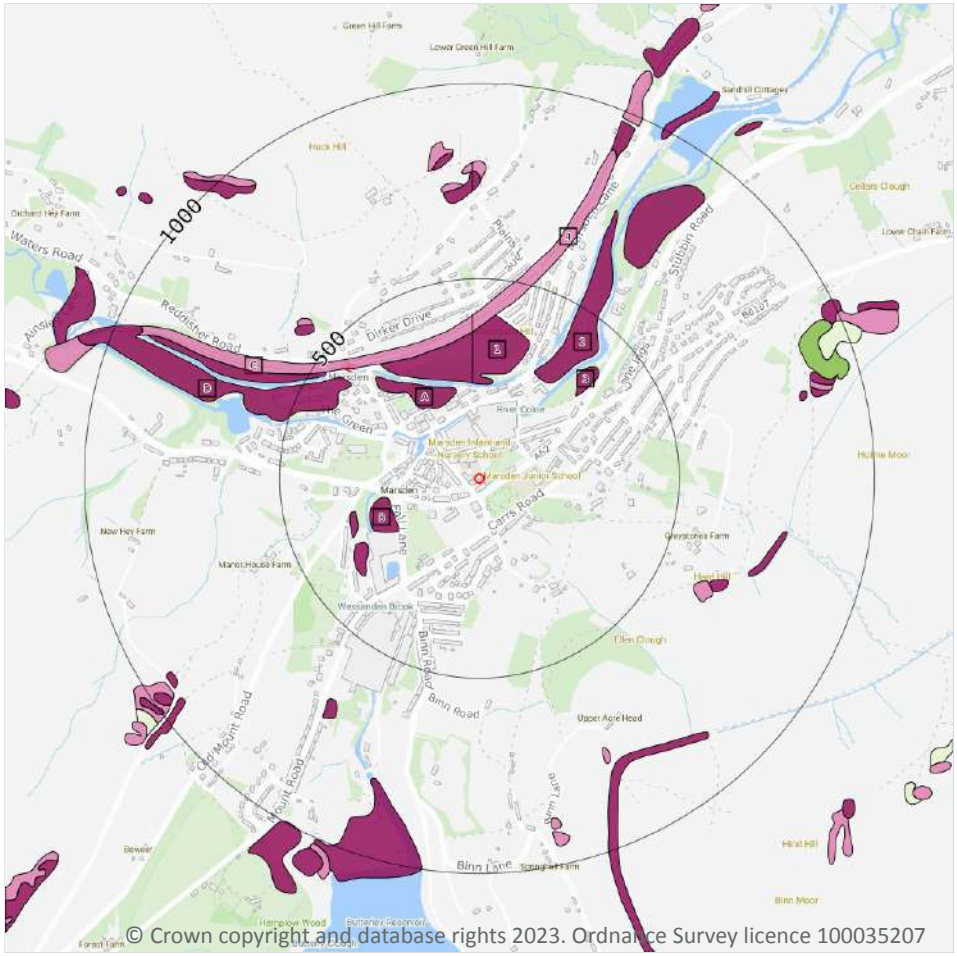
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 109 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**SE01SE**
2	6m W	Full	Full	Full	Full	SE01SW

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	12

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

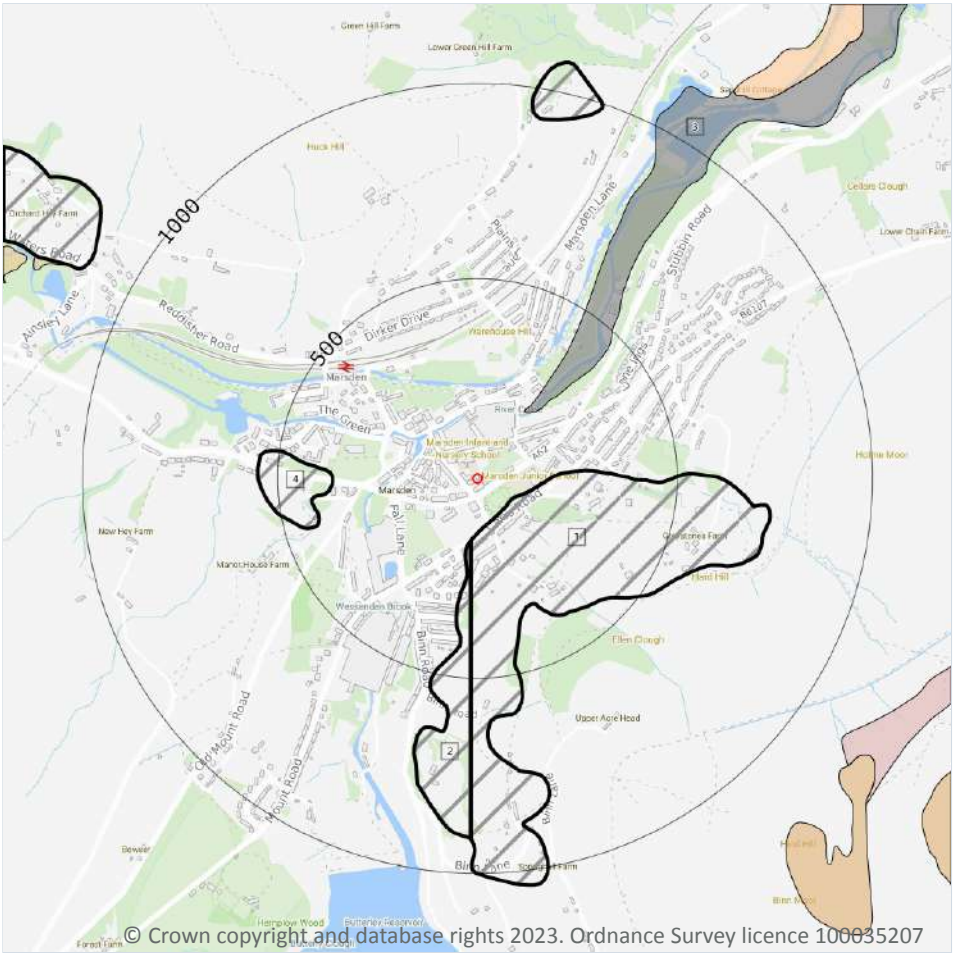
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 110 >**

ID	Location	LEX Code	Description	Rock description
A	197m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	226m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
1	230m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	233m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

ID	Location	LEX Code	Description	Rock description
2	287m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	314m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	317m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	322m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
C	338m N	WGR-VOID	Worked Ground (Undivided)	Void
4	364m N	WGR-VOID	Worked Ground (Undivided)	Void
D	393m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
D	464m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m	1

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 112 >**

ID	Location	LEX Code	Description	Rock description
3	197m NE	ALV-CZ	Alluvium - Silty Clay	Clay, Silty

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m	3

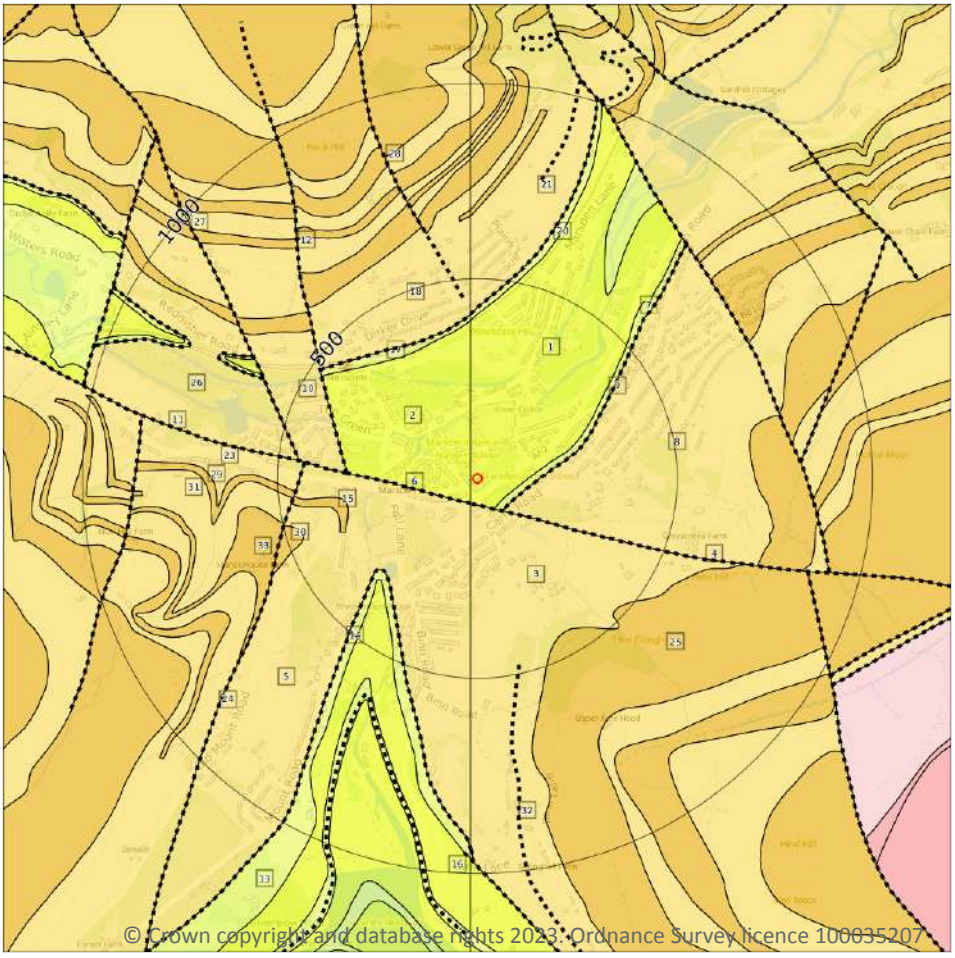
Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 112 >**

ID	Location	LEX Code	Description	Rock description
1	90m SE	SLIP-UKNOWN	Landslide Deposits	Unknown/unclassified Entry
2	150m S	SLIP-UKNOWN	Landslide Deposits	Unknown/unclassified Entry
4	359m W	SLIP-UKNOWN	Landslide Deposits	Unknown/unclassified Entry

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m **21**

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 114 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**UK-SDST**	**Upper Kinderscout Grit - Sandstone**	**Kinderscoutian Sub-age**
2	6m W	UK-SDST	Upper Kinderscout Grit - Sandstone	Kinderscoutian Sub-age
3	55m S	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age

ID	Location	LEX Code	Description	Rock age
5	55m S	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
7	72m SE	HEBD-MDSI	Hebden Formation - Mudstone And Siltstone	Kinderscoutian Sub-age
8	92m SE	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
10	324m W	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
13	324m SW	HEBD-MDSI	Hebden Formation - Mudstone And Siltstone	Kinderscoutian Sub-age
15	329m W	RDG-SDST	Readycon Dean Flags - Sandstone	Marsdenian Sub-age
16	348m SW	UK-SDST	Upper Kinderscout Grit - Sandstone	Kinderscoutian Sub-age
17	350m NW	HEBD-MDSI	Hebden Formation - Mudstone And Siltstone	Kinderscoutian Sub-age
18	369m N	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
20	394m N	HEBD-MDSI	Hebden Formation - Mudstone And Siltstone	Kinderscoutian Sub-age
21	410m N	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
23	433m W	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
25	440m SE	MGG-SDST	Midgley Grit - Sandstone	Marsdenian Sub-age
26	447m W	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
29	456m W	RDG-SDST	Readycon Dean Flags - Sandstone	Marsdenian Sub-age
30	456m W	EC-SDST	East Carlton Grit - Sandstone	Marsdenian Sub-age
31	463m W	MARSD-MDSI	Marsden Formation - Mudstone And Siltstone	Marsdenian Sub-age
33	495m W	EC-SDST	East Carlton Grit - Sandstone	Marsdenian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**12**

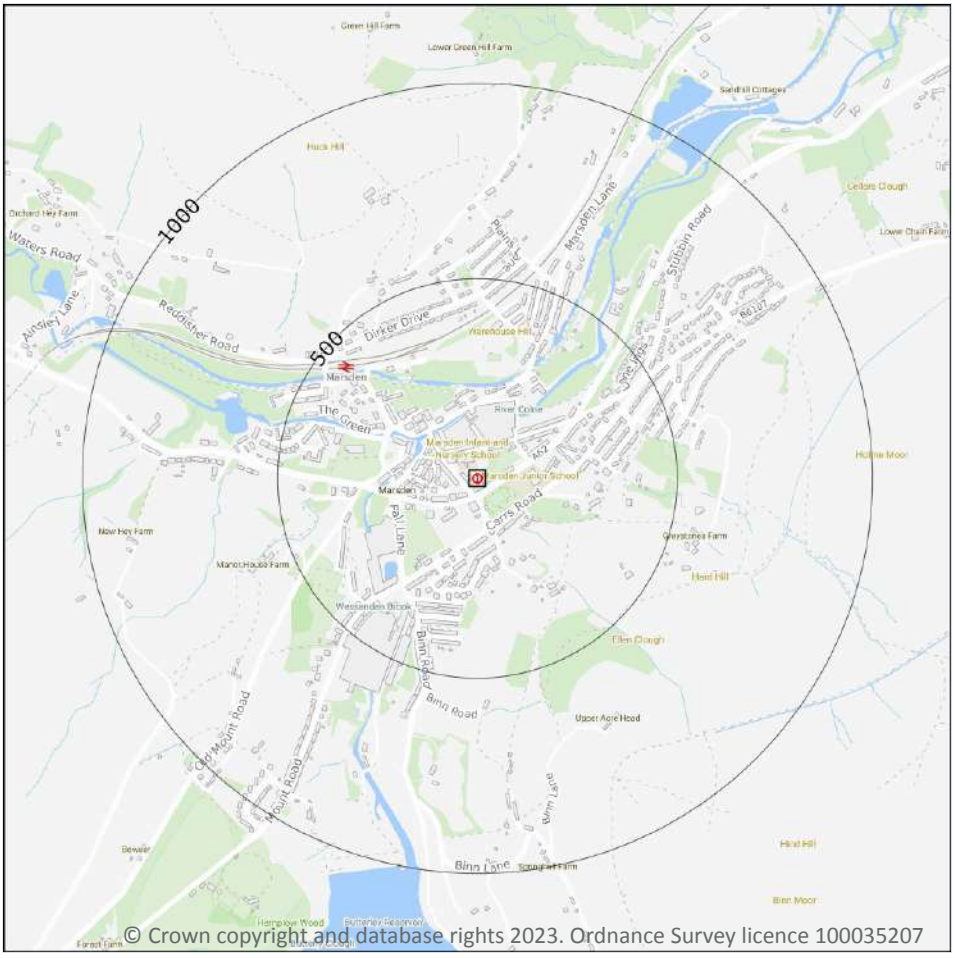
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 114 >**

ID	Location	Category	Description
4	55m S	FAULT	Normal fault, inferred; crossmarks on downthrow side
6	55m S	FAULT	Normal fault, inferred; crossmarks on downthrow side
9	92m SE	FOSSIL_HORIZON	Fossil horizon, marine band ()
11	324m W	FAULT	Normal fault, inferred; crossmarks on downthrow side
12	324m W	FAULT	Normal fault, inferred; crossmarks on downthrow side
14	324m SW	FOSSIL_HORIZON	Fossil horizon, marine band ()
19	369m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
22	410m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
24	433m W	FAULT	Normal fault, inferred; crossmarks on downthrow side
27	447m W	FAULT	Normal fault, inferred; crossmarks on downthrow side
28	450m N	FAULT	Normal fault, inferred; crossmarks on downthrow side
32	477m S	FOSSIL_HORIZON	Fossil horizon, marine band ()

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

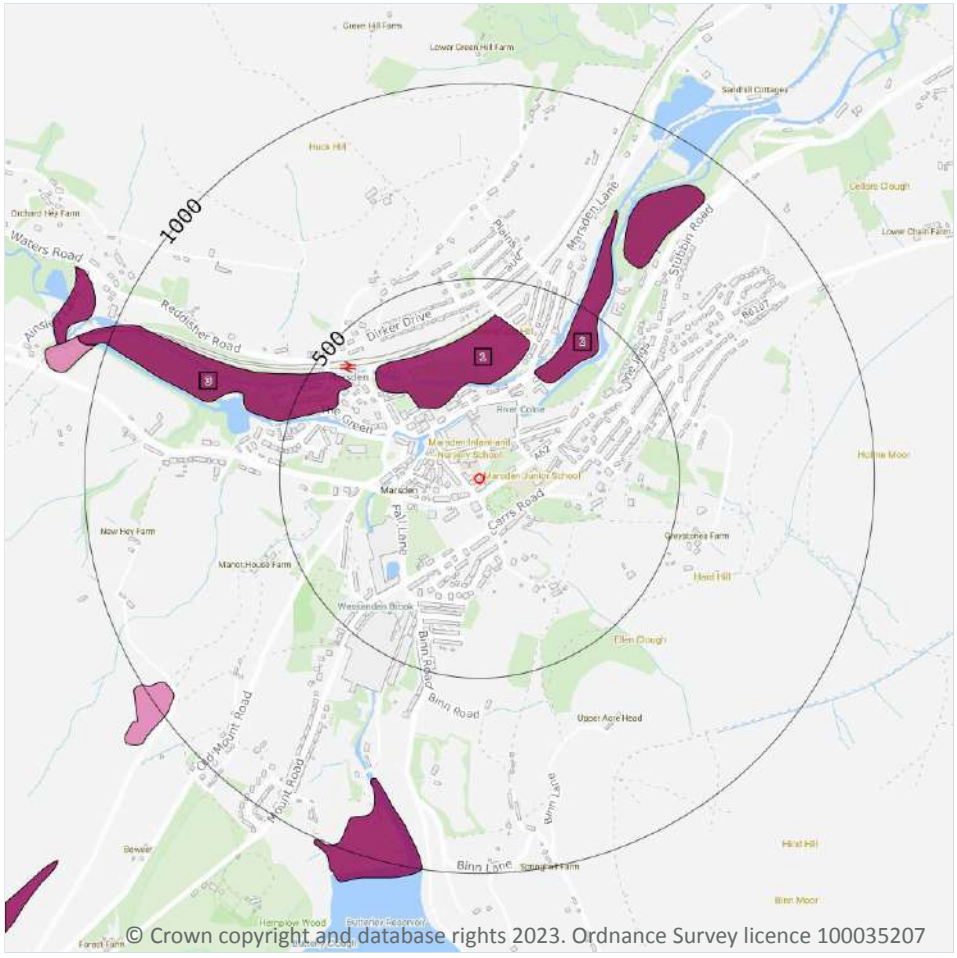
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 117 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW086_glossop_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m	3

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 118 >**

ID	Location	LEX Code	Description	Rock description
1	197m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	286m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	392m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

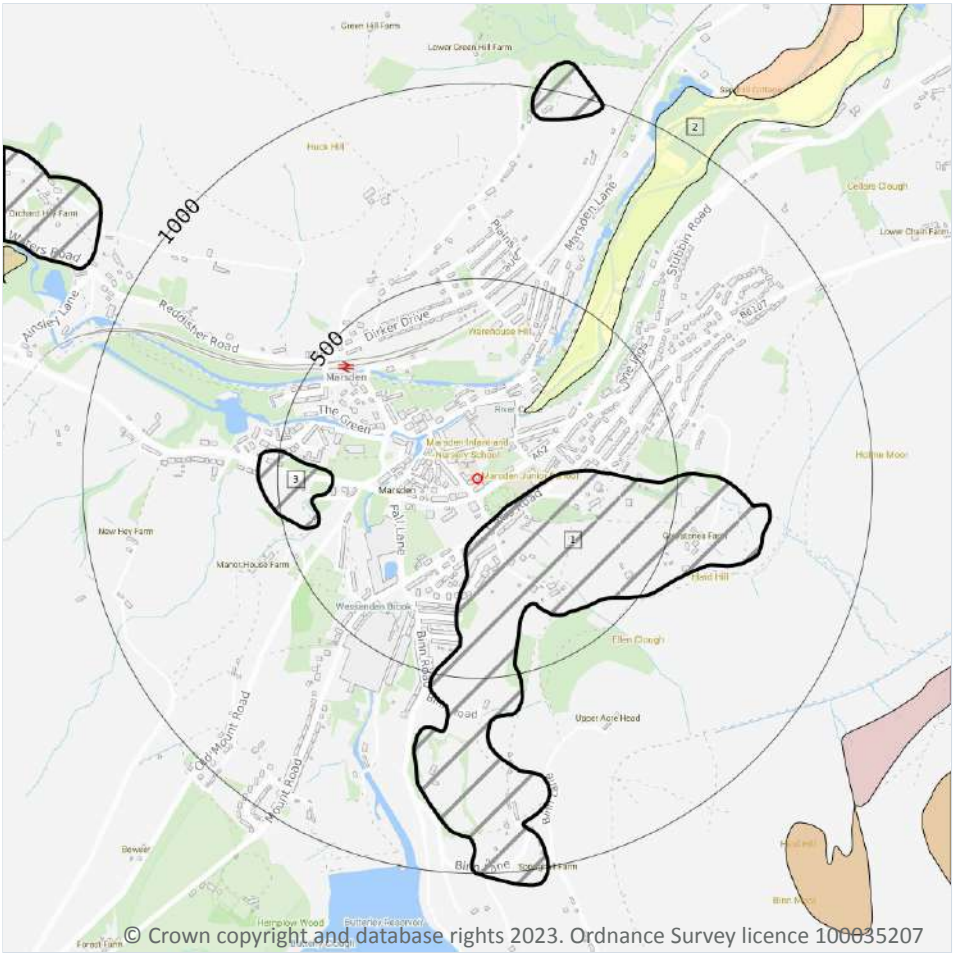
15.3 Artificial ground permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m	1

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 120 >**

ID	Location	LEX Code	Description	Rock description
2	197m NE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	2

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 120 >**

ID	Location	LEX Code	Description	Rock description
1	92m SE	SLIP-UKNOWN	LANDSLIDE DEPOSITS	UNKNOWN/UNCLASSIFIED ENTRY
3	359m W	SLIP-UKNOWN	LANDSLIDE DEPOSITS	UNKNOWN/UNCLASSIFIED ENTRY

This data is sourced from the British Geological Survey.

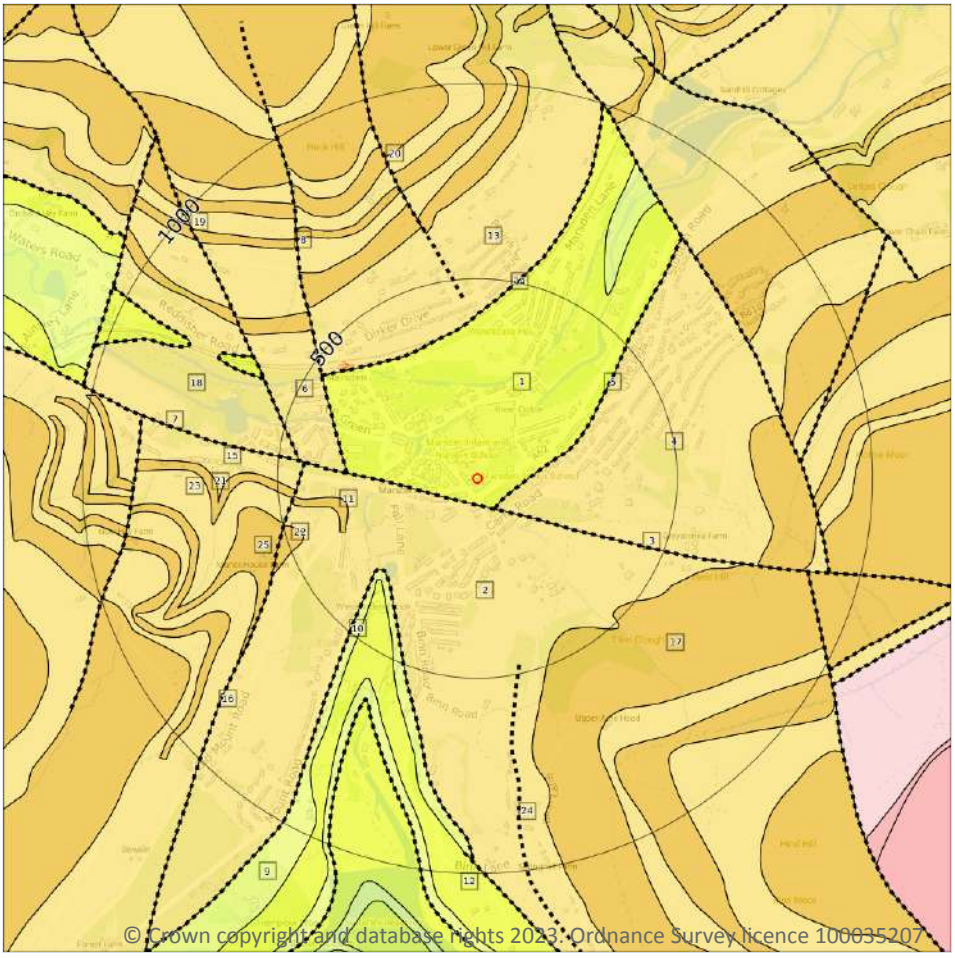
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **15**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 122 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**UK-SDST**	**UPPER KINDERSCOUT GRIT - SANDSTONE**	**NAMURIAN**
2	55m S	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
4	71m SE	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN

ID	Location	LEX Code	Description	Rock age
6	323m W	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
9	323m SW	HEBD-MDSI	HEBDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
11	329m W	RDG-SDST	READYCON DEAN FLAGS - SANDSTONE	NAMURIAN
12	348m SW	UK-SDST	UPPER KINDERSCOUT GRIT - SANDSTONE	NAMURIAN
13	350m NW	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
15	433m W	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
17	440m SE	MGG-SDST	MIDGLEY GRIT - SANDSTONE	NAMURIAN
18	447m W	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
21	454m W	RDG-SDST	READYCON DEAN FLAGS - SANDSTONE	NAMURIAN
22	456m W	EC-SDST	EAST CARLTON GRIT - SANDSTONE	NAMURIAN
23	463m W	MARSD-MDSI	MARSDEN FORMATION - MUDSTONE AND SILTSTONE	NAMURIAN
25	495m W	EC-SDST	EAST CARLTON GRIT - SANDSTONE	NAMURIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**High**	**Moderate**
6m W	Fracture	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**10**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 122 >**

ID	Location	Category	Description
3	55m S	FAULT	Fault, inferred
5	71m SE	FOSSIL_HORIZON	Marine band
7	323m W	FAULT	Fault, inferred
8	323m W	FAULT	Fault, inferred
10	323m SW	FOSSIL_HORIZON	Marine band
14	350m NW	FOSSIL_HORIZON	Marine band
16	433m W	FAULT	Fault, inferred
19	447m W	FAULT	Fault, inferred
20	450m N	FAULT	Fault, inferred
24	477m S	FOSSIL_HORIZON	Marine band

This data is sourced from the British Geological Survey.

16 Boreholes

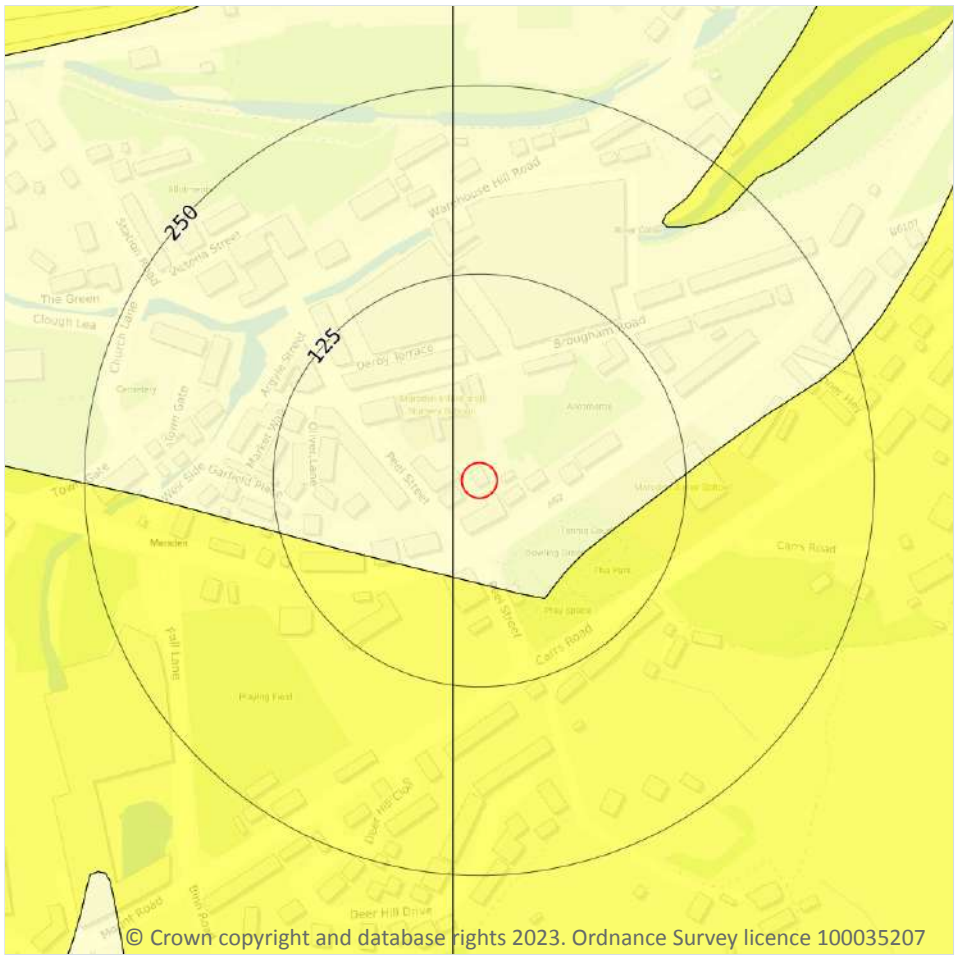
16.1 BGS Boreholes

Records within 250m	0

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	2

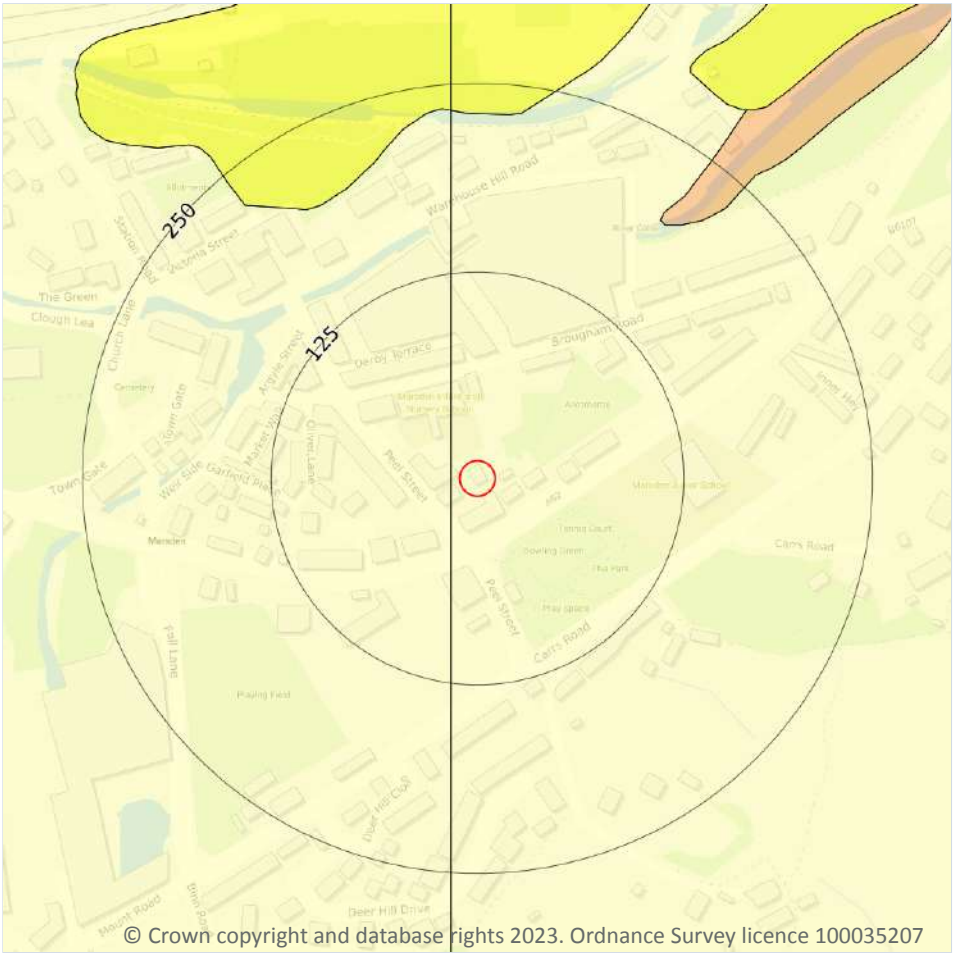
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 126 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
6m W	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m	2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

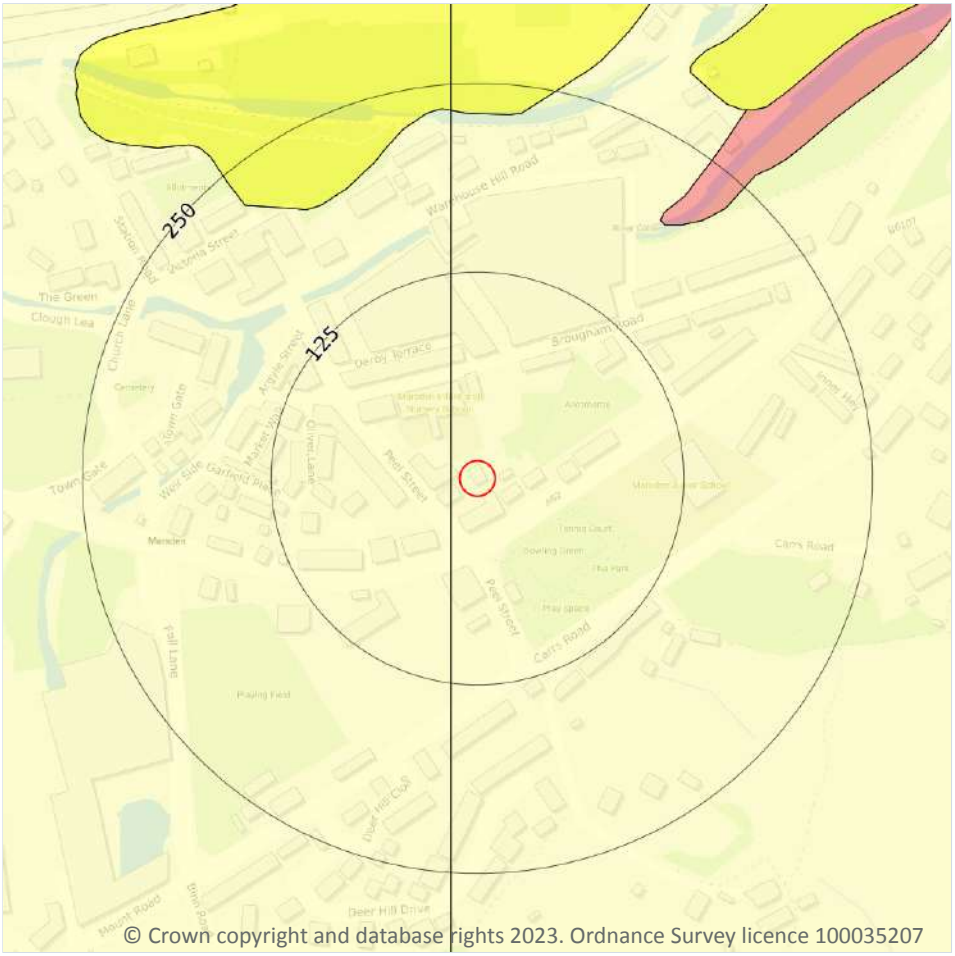
Features are displayed on the Natural ground subsidence - Running sands map on **page 127 >**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
6m W	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

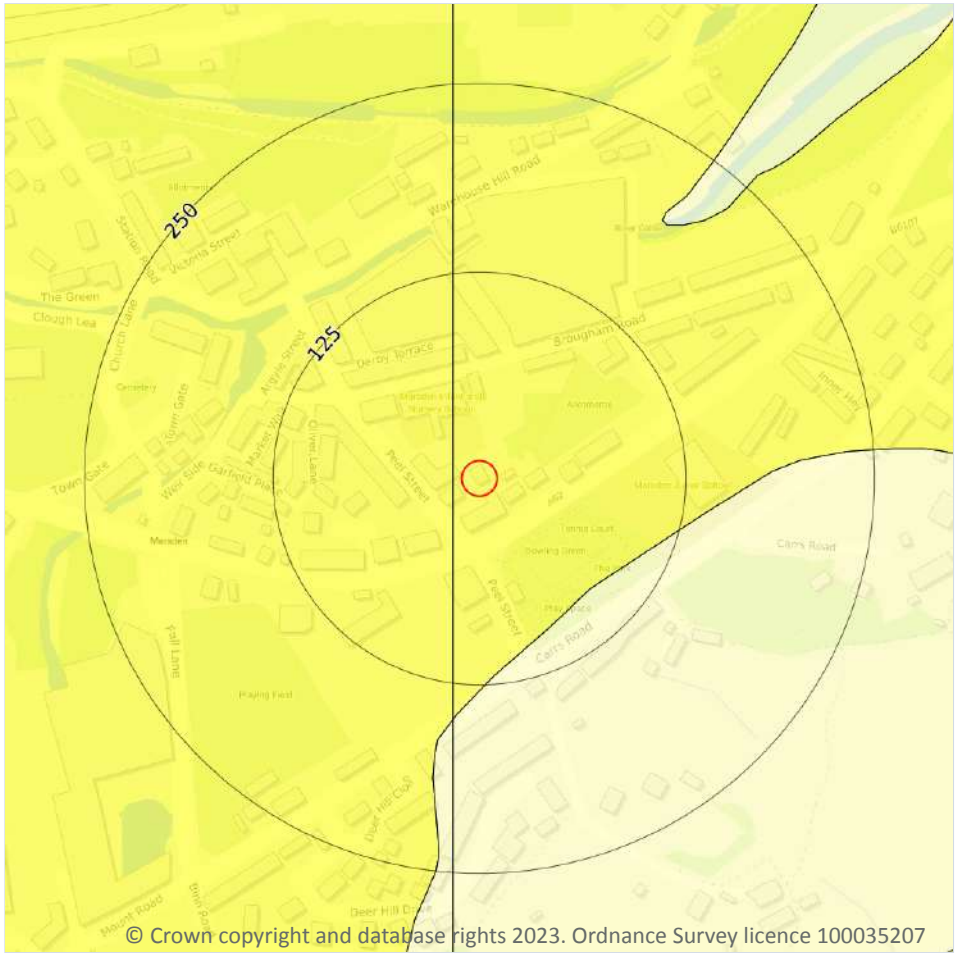
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 129 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
6m W	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m	2

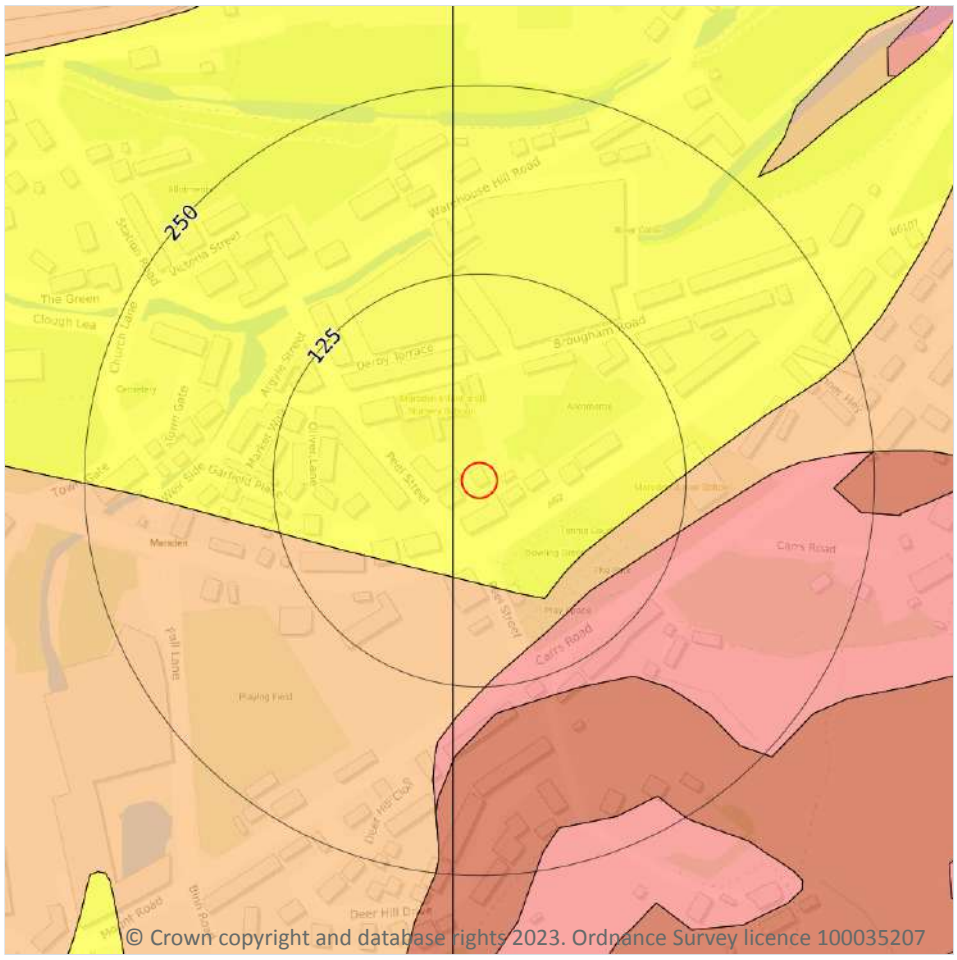
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 130 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**
6m W	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 131 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

Location	Hazard rating	Details
6m W	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	2

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

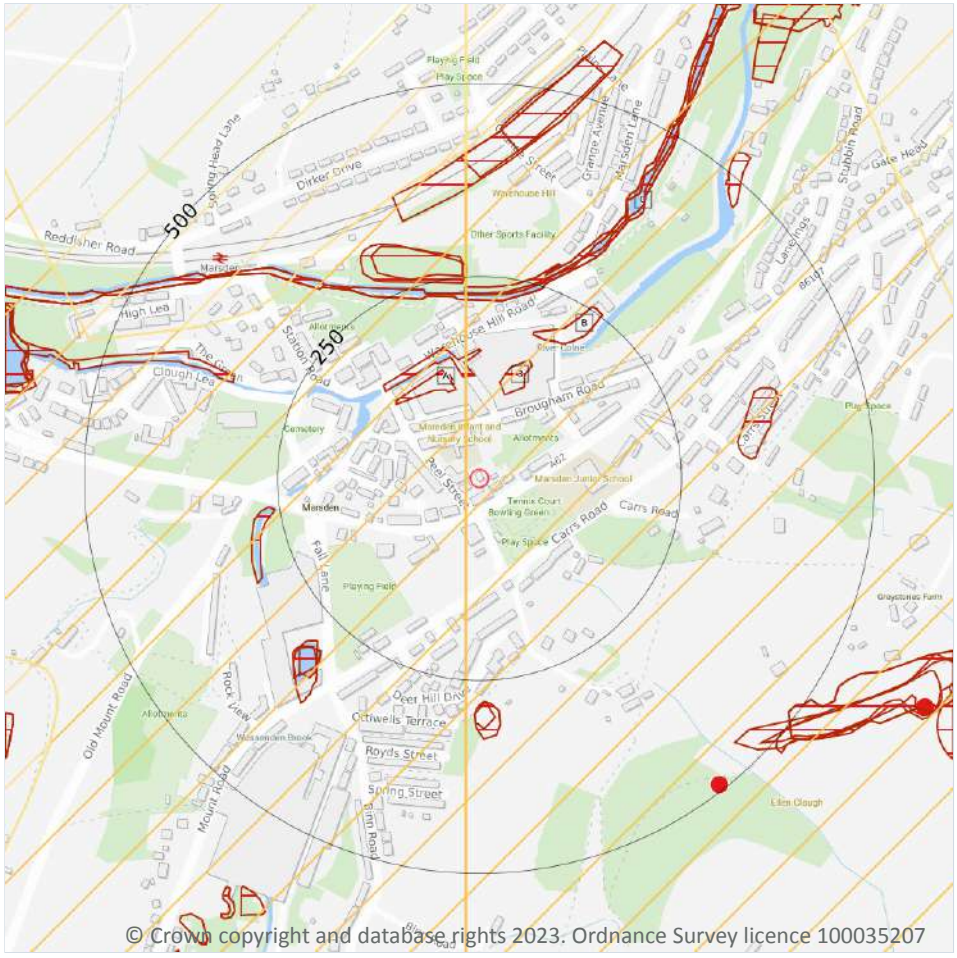
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 133 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

Location	Hazard rating	Details
6m W	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	1

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on **page 135 >**

ID	Location	Details	Description
11	492m SE	Name: Pasture Wood Address: Marsden, HUDDERSFIELD, West Yorkshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m **11**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 135 >**

ID	Location	Land Use	Year of mapping	Mapping scale
3	102m N	Pond	1890	1:10560
A	107m N	Pond	1890	1:10560
A	121m N	Pond	1930	1:10560
B	187m NE	Pond	1904	1:10560
B	187m NE	Pond	1890	1:10560
C	219m N	Canal	1930	1:10560
C	219m N	Canal	1904	1:10560
C	219m N	Canal	1890	1:10560
D	226m N	Disused Canal	1978	1:10000
D	226m N	Disused Canal	1955	1:10560
C	243m N	Unspecified Heap	1980	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	4

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on **page 135 >**

ID	Location	Name	Commodity	Class	Likelihood
1	**On site**	**Not available**	**Vein Mineral**	**B**	**Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.**

ID	Location	Name	Commodity	Class	Likelihood
2	6m W	Not available	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
8	342m NW	Not available	Vein Mineral	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
9	415m N	Not available	Vein Mineral	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of

risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

19.5 National karst database

Records within 500m	0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.

20 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 143 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	**6**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 mg/kg**
6m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
6m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
44m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
47m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
47m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	**0**

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m	0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

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