46	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
46	4.7	Regulated explosive sites	0	0	0	0	-
47 >	4.8 >	Hazardous substance storage/usage >	0	0	1	0	-
47	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
47	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
47 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	5	7	-
49 >	4.12 >	Radioactive Substance Authorisations >	0	0	1	0	-
49 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	4	-
50	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
50	4.15	Pollutant release to public sewer	0	0	0	0	-
51	4.16	List 1 Dangerous Substances	0	0	0	0	-
51	4.17	List 2 Dangerous Substances	0	0	0	0	-
51	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
51	4.19	Pollution inventory substances	0	0	0	0	-
51	4.20	Pollution inventory waste transfers	0	0	0	0	-
52	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
53 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
54 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
55 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
56	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
56	5.5	Groundwater vulnerability- local information	None (within 0m)				
57	5.6	Groundwater abstractions	0	0	0	0	0
57	5.7	Surface water abstractions	0	0	0	0	0
57	5.8	Potable abstractions	0	0	0	0	0
57	5.9	Source Protection Zones	0	0	0	0	-
58	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	6.1 >	Water Network (OS MasterMap) >	0	0	5	-	-

60 >	6.2 >	Surface water features >	0	0	2	-	-
60 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
61 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
61 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-

Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
62	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
62	7.2	Historical Flood Events	0	0	0	-	-
62	7.3	Flood Defences	0	0	0	-	-
63	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
63	7.5	Flood Storage Areas	0	0	0	-	-
64	7.6	Flood Zone 2	None (within 50m)				
64	7.7	Flood Zone 3	None (within 50m)				

Page	Section	Surface water flooding >	
65 >	8.1 >	Surface water flooding >	1 in 100 year, 0.1m - 0.3m (within 50m)

Page	Section	Groundwater flooding >	
67 >	9.1 >	Groundwater flooding >	Negligible (within 50m)

Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
68	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
69	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
69	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
69	10.4	Special Protection Areas (SPA)	0	0	0	0	0
69	10.5	National Nature Reserves (NNR)	0	0	0	0	0
70	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
70 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	6
70	10.8	Biosphere Reserves	0	0	0	0	0
71	10.9	Forest Parks	0	0	0	0	0
71	10.10	Marine Conservation Zones	0	0	0	0	0
71 >	10.11 >	Green Belt >	0	0	1	0	0
71	10.12	Proposed Ramsar sites	0	0	0	0	0

72	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
72	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
72	10.15	Nitrate Sensitive Areas	0	0	0	0	0
72 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	1
74 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
75	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
76	11.1	World Heritage Sites	0	0	0	-	-
76	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
76	11.3	National Parks	0	0	0	-	-
76	11.4	Listed Buildings	0	0	0	-	-
77	11.5	Conservation Areas	0	0	0	-	-
77	11.6	Scheduled Ancient Monuments	0	0	0	-	-
77	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
79	12.2	Open Access Land	0	0	0	-	-
79	12.3	Tree Felling Licences	0	0	0	-	-
79	12.4	Environmental Stewardship Schemes	0	0	0	-	-
79	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	13.1 >	Priority Habitat Inventory >	0	0	3	-	-
81	13.2	Habitat Networks	0	0	0	-	-
81	13.3	Open Mosaic Habitat	0	0	0	-	-
81	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
82 >	14.1 >	10k Availability >	Identified (within 500m)				
83 >	14.2 >	Artificial and made ground (10k) >	1	0	3	5	-
85 >	14.3 >	Superficial geology (10k) >	0	0	0	1	-

86	14.4	Landslip (10k)	0	0	0	0	-
87 >	14.5 >	Bedrock geology (10k) >	2	0	1	6	-
88 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	6	30	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	15.1 >	50k Availability >	Identified (within 500m)				
91 >	15.2 >	Artificial and made ground (50k) >	1	0	2	4	-
92 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
93 >	15.4 >	Superficial geology (50k) >	0	0	0	1	-
94	15.5	Superficial permeability (50k)	None (within 50m)				
94	15.6	Landslip (50k)	0	0	0	0	-
94	15.7	Landslip permeability (50k)	None (within 50m)				
95 >	15.8 >	Bedrock geology (50k) >	2	0	1	5	-
96 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
96 >	15.10 >	Bedrock faults and other linear features (50k) >	0	1	3	23	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
98 >	16.1 >	BGS Boreholes >	1	6	50	-	-
Page	Section	Natural ground subsidence >					
102 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
103 >	17.2 >	Running sands >	Very low (within 50m)				
105 >	17.3 >	Compressible deposits >	Very low (within 50m)				
107 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
108 >	17.5 >	Landslides >	Very low (within 50m)				
109 >	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
111 >	18.1 >	BritPits >	0	0	0	3	-
112 >	18.2 >	Surface ground workings >	3	2	25	-	-
114 >	18.3 >	Underground workings >	0	0	0	0	12
114	18.4	Underground mining extents	0	0	0	0	-
115	18.5	Historical Mineral Planning Areas	0	0	0	0	-

115 >	18.6 >	Non-coal mining >	1	0	1	2	5
116	18.7	JPB mining areas	None (within 0m)				
116	18.8	The Coal Authority non-coal mining	0	0	0	0	-
117	18.9	Researched mining	0	0	0	0	-
117	18.10	Mining record office plans	0	0	0	0	-
117	18.11	BGS mine plans	0	0	0	0	-
117 >	18.12 >	Coal mining >	Identified (within 0m)				
118	18.13	Brine areas	None (within 0m)				
118	18.14	Gypsum areas	None (within 0m)				
118	18.15	Tin mining	None (within 0m)				
118	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
119	19.1	Natural cavities	0	0	0	0	-
119	19.2	Mining cavities	0	0	0	0	0
119	19.3	Reported recent incidents	0	0	0	0	-
119	19.4	Historical incidents	0	0	0	0	-
120	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
121 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
123 >	21.1 >	BGS Estimated Background Soil Chemistry >	1	0	-	-	-
123	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
123	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
124	22.1	Underground railways (London)	0	0	0	-	-
124	22.2	Underground railways (Non-London)	0	0	0	-	-
125	22.3	Railway tunnels	0	0	0	-	-
125 >	22.4 >	Historical railway and tunnel features >	0	2	14	-	-
126	22.5	Royal Mail tunnels	0	0	0	-	-

126	22.6	Historical railways	0	0	0	-	-
126 >	**22.7 >**	**Railways >**	0	0	7	-	-
127	22.8	Crossrail 1	0	0	0	0	-
127	22.9	Crossrail 2	0	0	0	0	-
127	22.10	HS2	0	0	0	0	-

Recent aerial photograph

Capture Date: 19/04/2021

Site Area: 0.53ha

Recent site history - 2018 aerial photograph

Capture Date: 29/06/2018

Site Area: 0.53ha

Recent site history - 2012 aerial photograph

Capture Date: 26/03/2012

Site Area: 0.53ha

Recent site history - 2009 aerial photograph

Capture Date: 11/09/2009

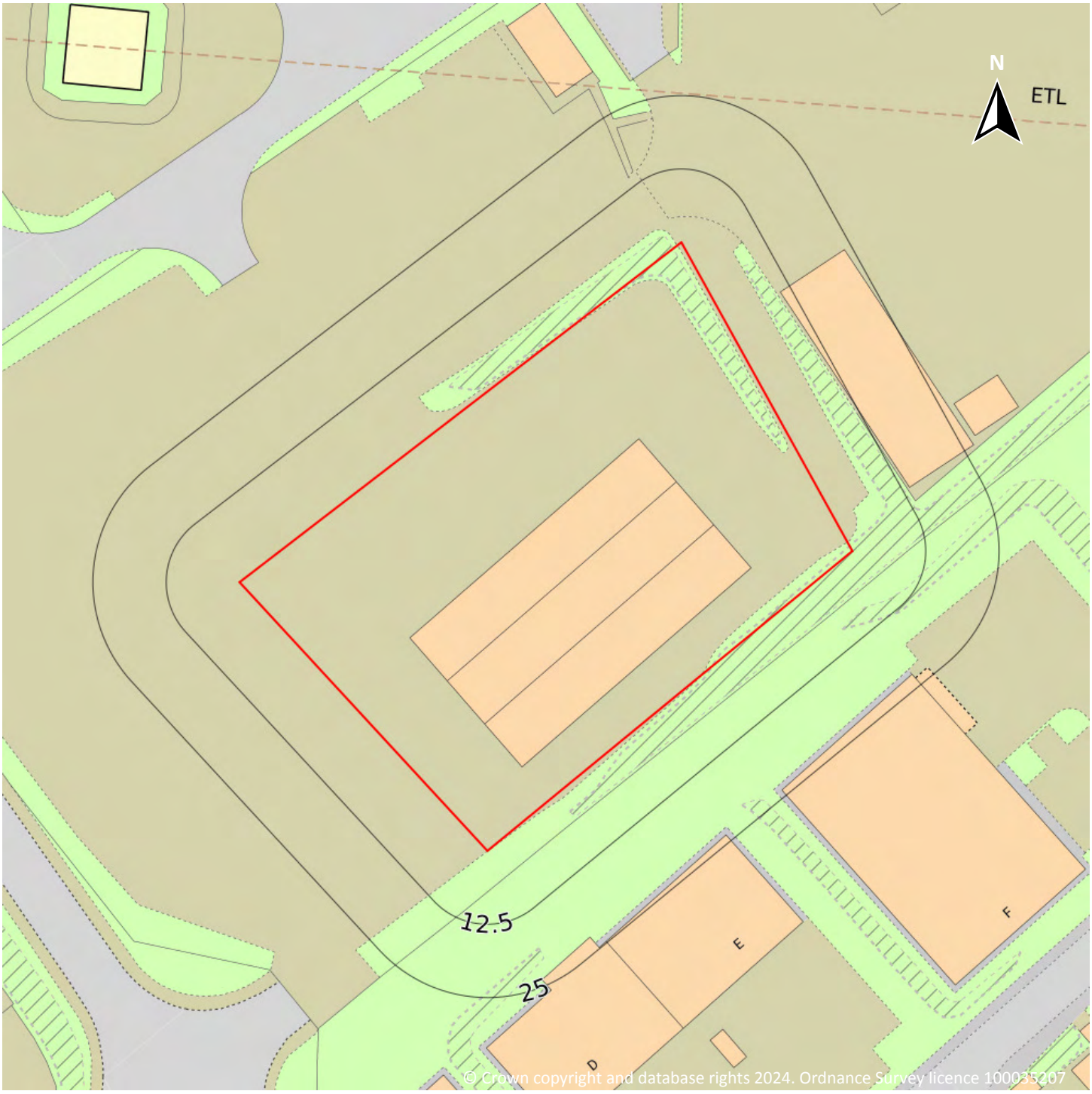
Site Area: 0.53ha

Recent site history - 1999 aerial photograph

Capture Date: 10/07/1999

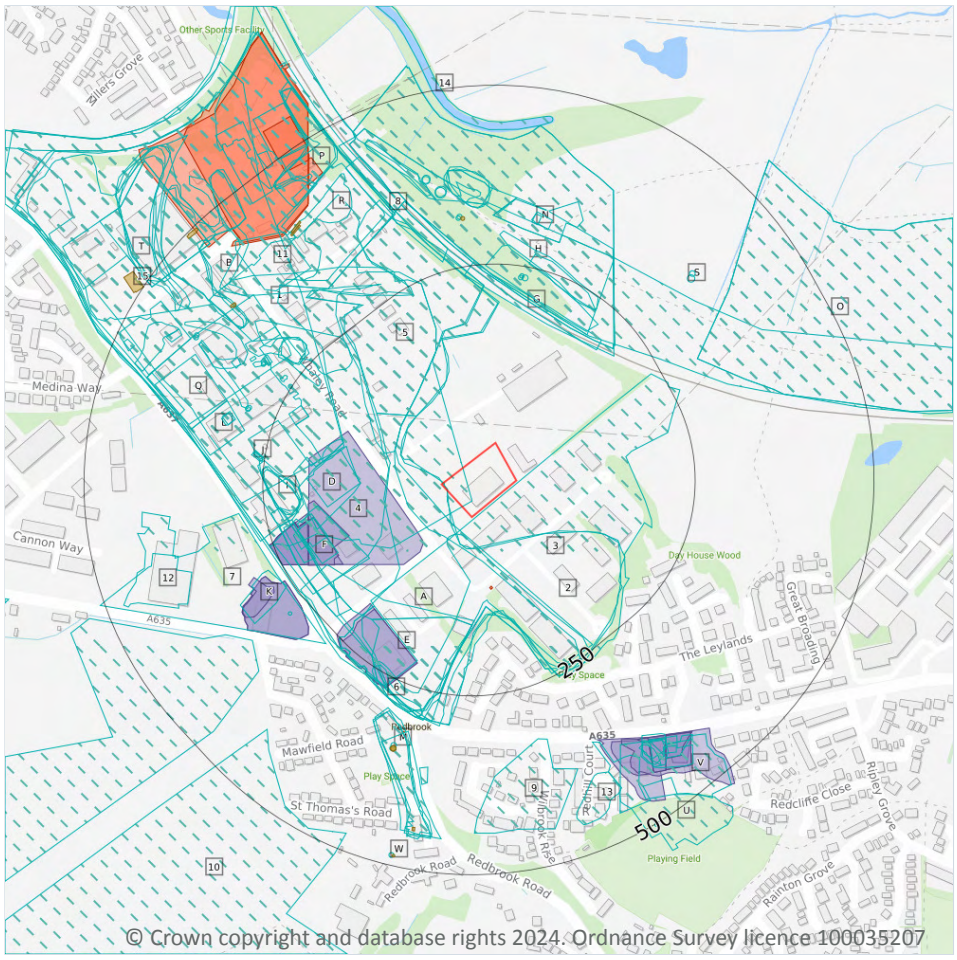
Site Area: 0.53ha

OS MasterMap site plan



Site Area: 0.53ha

1 Past land use



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	135

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 15 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Unspecified Works**	**1951**	**1470830**

ID	Location	Land use	Dates present	Group ID
2	**On site**	**Refuse Heap**	**1966**	**1538520**
A	**On site**	**Unspecified Disused Tip**	**1973 - 1982**	**1536474**
3	3m E	Unspecified Disused Workings	1993	1455949
B	25m SW	Railway Sidings	1948 - 1951	1466580
A	28m S	Refuse Heap	1951	1485921
C	44m SW	Coke and By-Product Works	1948	1552032
B	80m W	Refuse Heap	1948 - 1951	1461010
5	97m NW	Unspecified Disused Tip	1973	1551997
D	113m W	Chemical Works	1948 - 1951	1541259
D	113m W	Chemical Works	1929	1478844
E	140m S	Railway Sidings	1966	1502956
C	143m S	Railway Sidings	1929	1520156
E	143m S	Refuse Heap	1929	1557782
F	144m SW	Unspecified Works	1982	1540083
C	146m W	Railway Sidings	1966	1532555
C	149m W	Coke and By-Product Works	1929	1463362
D	149m W	Refuse Heap	1929	1438002
F	173m SW	Unspecified Works	1973	1521768
F	175m W	Garage	1993	1457794
G	181m NE	Cuttings	1850	1410349
H	184m NE	Railway Sidings	1929	1511709
E	185m SW	Garage	1993	1457796
H	192m NE	Coalite Works	1929	1528895
H	192m NE	Coalite Works	1948	1538953
H	196m NE	Unspecified Commercial/Industrial	1951	1411008
I	196m W	Refuse Heap	1966	1465992
G	198m NE	Unspecified Works	1966 - 1973	1551797
I	199m W	Refuse Heap	1951	1536576

ID	Location	Land use	Dates present	Group ID
I	200m W	Refuse Heap	1929	1459431
I	201m W	Refuse Heap	1948	1523177
F	204m SW	Cuttings	1966	1489731
F	206m SW	Cuttings	1948 - 1951	1536522
F	208m SW	Cuttings	1929	1478886
C	209m W	Unspecified Tanks	1929	1425811
C	210m NW	Unspecified Pit	1973	1455281
C	220m NW	Refuse Heap	1929	1525604
G	228m NE	Cuttings	1929	1410348
G	230m N	Chimney	1966 - 1973	1515005
G	230m NE	Refuse Heap	1948	1527983
G	231m N	Unspecified Tank	1929	1528727
G	233m N	Unspecified Tank	1948	1543122
6	243m SW	Refuse Heap	1948	1523639
C	249m NW	Unspecified Tanks	1929	1425815
J	250m W	Unspecified Tanks	1948	1465942
J	252m W	Unspecified Tanks	1951	1498755
J	253m W	Unspecified Tanks	1929	1520064
K	259m SW	Garage	1993	1457793
C	260m NW	Refuse Heap	1951	1557181
7	261m SW	Unspecified Works	1973 - 1982	1504396
C	262m NW	Unspecified Tanks	1929	1425814
C	262m NW	Refuse Heap	1948	1539932
8	263m N	Cuttings	1993	1410347
K	276m SW	Unspecified Pump	1850	1456721
C	277m NW	Industrial Estate	1993	1418584
L	286m W	Unspecified Works	1973	1493423
L	286m W	Unspecified Tank	1948 - 1951	1551201

ID	Location	Land use	Dates present	Group ID
L	287m W	Unspecified Tanks	1929	1425816
C	291m W	Unspecified Ground Workings	1966	1414396
M	291m S	Linen Works	1904 - 1929	1470956
C	292m NW	Unspecified Tanks	1948	1507674
C	292m NW	Unspecified Tanks	1929	1542120
N	294m N	Unspecified Works	1951	1438951
M	294m S	Linen Works	1948	1518666
C	297m NW	Unspecified Tanks	1929	1494224
M	298m S	Bleach Works	1891	1422788
C	298m NW	Unspecified Tanks	1951	1516430
L	302m W	Unspecified Tanks	1948	1465423
O	304m NE	Open Workings	1966	1421864
O	304m NE	Opencast Workings	1973	1423456
L	304m W	Unspecified Tanks	1929	1499935
N	307m N	Unspecified Tanks	1948 - 1951	1460690
N	311m N	Unspecified Tanks	1929	1458961
M	312m S	Unspecified Works	1973	1438954
C	313m NW	Unspecified Tanks	1929	1425813
P	313m NW	Refuse Heaps	1929	1419476
H	315m N	Unspecified Tank	1929	1520521
H	317m N	Unspecified Tank	1948	1523161
Q	322m W	Unspecified Depot	1973 - 1982	1531763
9	324m S	Linen Works	1951	1424353
C	324m NW	Refuse Heap	1973	1438000
C	328m NW	Railway Building	1966	1429082
H	329m N	Refuse Heap	1948	1510641
H	330m N	Refuse Heap	1951	1509929
M	333m S	Gasometer	1904	1420841

ID	Location	Land use	Dates present	Group ID
H	334m N	Refuse Heap	1929	1478072
M	338m S	Unspecified Tank	1891	1433412
R	340m NW	Refuse Heap	1929	1539579
10	343m SW	Opencast Workings	1966	1542560
H	350m N	Refuse Heap	1929	1541497
H	351m N	Unspecified Tank	1929	1554472
11	351m NW	Unspecified Depot	1982	1428500
S	352m NE	Unspecified Tank	1938	1483666
H	352m N	Unspecified Tank	1948 - 1951	1500301
T	353m NW	Refuse Heaps	1948	1501825
C	353m NW	Refuse Heap	1929	1438001
C	354m NW	Refuse Heaps	1951	1545300
M	355m S	Filter Tanks	1904	1435401
U	357m SE	Bleach Works	1850	1422789
H	358m N	Refuse Heap	1948	1548044
S	359m NE	Unspecified Tank	1951	1504438
12	370m W	Unspecified Works	1993	1511822
H	374m N	Unspecified Tank	1929	1546268
Q	374m W	Railway Building	1966	1429081
H	375m N	Unspecified Tank	1948 - 1951	1530057
C	380m NW	Refuse Heap	1973	1538279
V	380m SE	Colliery	1938	1492320
V	387m SE	Refuse Heap	1951	1514351
V	395m SE	Refuse Heap	1938	1550914
V	396m SE	Refuse Heap	1948	1517264
C	397m NW	Unspecified Tank	1929	1518416
V	398m SE	Unspecified Ground Workings	1973	1414404
C	398m NW	Unspecified Tank	1948	1513804

ID	Location	Land use	Dates present	Group ID
V	398m SE	Garage	1973 - 1982	1523339
13	399m S	Sandstone Quarry	1850	1451625
V	401m SE	Garage	1993	1480315
C	405m NW	Unspecified Depot	1982	1428491
V	418m SE	Garage	1966	1467501
C	419m NW	Railway Building	1966	1429083
C	428m NW	Sandstone Quarry	1850	1451621
T	433m NW	Refuse Heap	1973	1511811
P	433m NW	Refuse Heap	1951	1515319
14	438m N	Disused Canal	1993	1439413
T	441m NW	Refuse Heaps	1929	1513559
P	441m NW	Refuse Heap	1948	1543647
T	467m NW	Unspecified Commercial/Industrial	1993	1411001
T	467m NW	Unspecified Works	1982	1495660
P	469m NW	Unspecified Works	1966	1496188
C	471m W	Railway Building	1966	1429084
T	477m NW	Refuse Heap	1966	1488622
W	482m S	Unspecified Tank	1929	1433413
P	494m NW	Cooling Pond	1948	1424992
T	495m NW	Refuse Heap	1951	1541337
P	498m NW	Electricity Transformer Station	1973	1531516
U	499m SE	Unspecified Pump	1850	1456722

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**10**

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 15 >**

ID	Location	Land use	Dates present	Group ID
H	314m N	Unspecified Tank	1961	228903
M	338m S	Unspecified Tank	1893	228907
M	338m S	Gasometer	1906	229688
C	381m NW	Unspecified Tank	1991 - 1998	237296
R	403m NW	Tanks	1991	250234
R	405m NW	Tanks	1993	237677
W	441m S	Unspecified Tank	1975 - 1990	234155
W	484m S	Unspecified Tank	1893 - 1906	248801
C	491m NW	Tanks	1991 - 1998	243865
15	500m NW	Tanks	1989 - 1996	242624

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**8**

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 15 >**

ID	Location	Land use	Dates present	Group ID
A	100m S	Electricity Substation	1999	131081
M	314m S	Electricity Substation	1975 - 1999	137428
M	319m S	Electricity Substation	1990	144286
M	338m S	Gasometer	1906	131545
P	410m NW	Electricity Transformer Station	1970 - 1987	142626
P	413m NW	Electricity Transformer Station	1989 - 1996	146549

ID	Location	Land use	Dates present	Group ID
P	445m NW	Electricity Substation	1998	131082
P	474m NW	Electricity Substation	1993 - 1998	146363

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	**21**

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 15 >**

ID	Location	Land use	Dates present	Group ID
4	66m W	Garage	1986 - 1991	44459
F	148m SW	Garage	1998	42943
F	175m SW	Motor Repair Works	-	41063
E	186m SW	Garage	1990 - 1991	44542
E	188m SW	Garage	1999	43226
F	191m W	Motor Repair Works	1970	41589
F	193m W	Garage	1996 - 1998	44305
F	193m W	Garage	1990 - 1993	45736
F	194m W	Garage	1987 - 1989	45711

ID	Location	Land use	Dates present	Group ID
K	257m SW	Garage	1980	42037
K	257m SW	Garage	1980 - 1991	46157
K	275m SW	Garage	1969 - 1976	45840
V	358m SE	Garage	1991	44011
V	370m SE	Garage	1999	44940
V	375m SE	Garage	1959	45472
V	389m SE	Garage	1975	44169
V	394m SE	Garage	1990 - 1995	46520
V	397m SE	Garage	1999	43513
V	407m SE	Garage	1984 - 1989	45301
V	408m SE	Garage	1996	44941
V	408m SE	Garage	1959	44304

This data is sourced from Ordnance Survey / Groundsure.

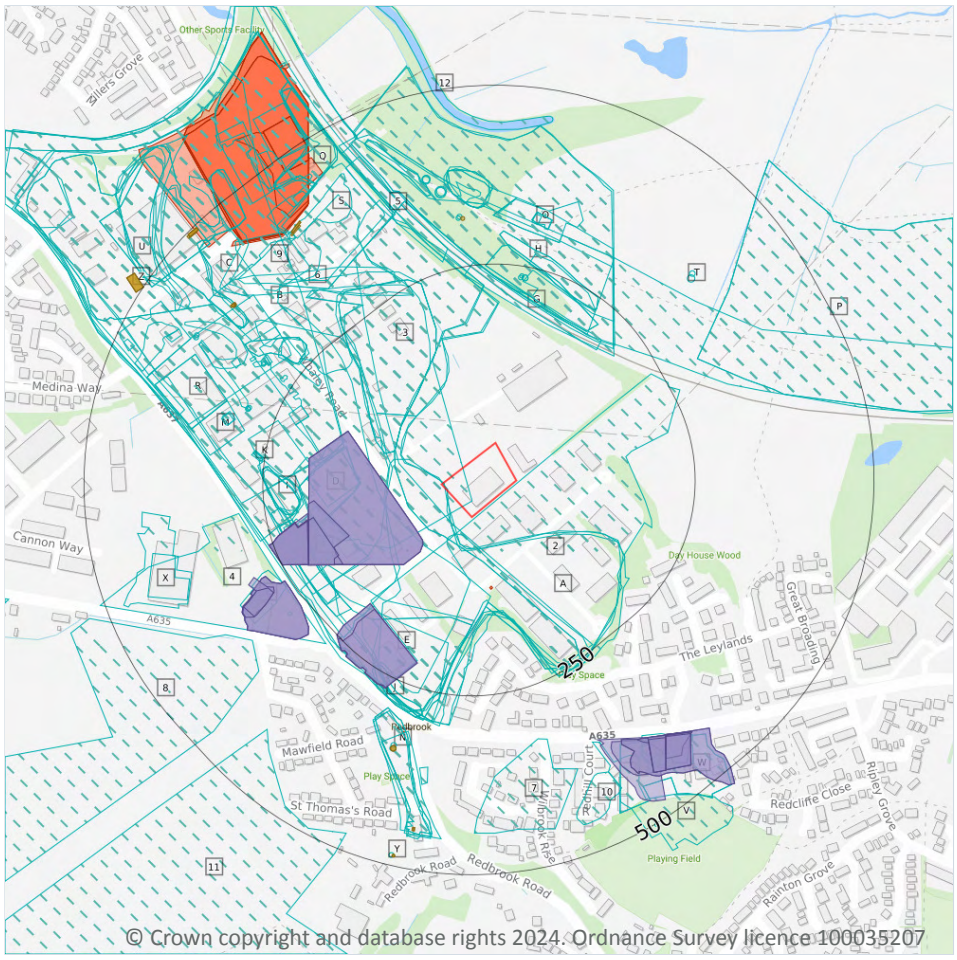
1.6 Historical military land

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	163

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 24 >**

ID	Location	Land Use	Date	Group ID
1	**On site**	**Refuse Heap**	**1966**	**1538520**
A	**On site**	**Unspecified Disused Tip**	**1973**	**1536474**
A	**On site**	**Unspecified Disused Tip**	**1982**	**1536474**

ID	Location	Land Use	Date	Group ID
B	**On site**	**Unspecified Works**	**1951**	**1470830**
2	3m E	Unspecified Disused Workings	1993	1455949
C	25m SW	Railway Sidings	1951	1466580
A	28m S	Refuse Heap	1951	1485921
B	44m SW	Railway Sidings	1948	1466580
B	44m SW	Coke and By-Product Works	1948	1552032
C	80m W	Refuse Heap	1951	1461010
C	80m W	Refuse Heap	1948	1461010
C	80m W	Refuse Heap	1948	1461010
3	97m NW	Unspecified Disused Tip	1973	1551997
D	113m W	Chemical Works	1948	1541259
D	113m W	Chemical Works	1929	1478844
D	116m W	Chemical Works	1951	1541259
E	140m S	Railway Sidings	1966	1502956
B	143m S	Railway Sidings	1929	1520156
E	143m S	Refuse Heap	1929	1557782
F	144m SW	Unspecified Works	1982	1540083
B	146m W	Railway Sidings	1966	1532555
B	149m W	Coke and By-Product Works	1929	1463362
D	149m W	Refuse Heap	1929	1438002
F	173m SW	Unspecified Works	1973	1521768
F	175m W	Garage	1993	1457794
G	181m NE	Cuttings	1850	1410349
H	184m NE	Railway Sidings	1929	1511709
E	185m SW	Garage	1993	1457796
H	192m NE	Coalite Works	1929	1528895
H	195m NE	Coalite Works	1948	1538953
H	196m NE	Unspecified Commercial/Industrial	1951	1411008

ID	Location	Land Use	Date	Group ID
I	196m W	Refuse Heap	1966	1465992
G	198m NE	Unspecified Works	1973	1551797
G	198m NE	Unspecified Works	1966	1551797
I	199m W	Refuse Heap	1951	1536576
I	200m W	Refuse Heap	1929	1459431
I	201m W	Refuse Heap	1948	1523177
I	201m W	Refuse Heap	1948	1523177
F	204m SW	Cuttings	1966	1489731
F	206m SW	Cuttings	1951	1536522
F	206m SW	Cuttings	1948	1536522
F	208m SW	Cuttings	1929	1478886
B	209m W	Unspecified Tanks	1929	1425811
B	210m NW	Unspecified Pit	1973	1455281
B	220m NW	Refuse Heap	1929	1525604
G	228m NE	Cuttings	1929	1410348
G	230m N	Chimney	1973	1515005
G	230m N	Chimney	1966	1515005
G	230m NE	Refuse Heap	1948	1527983
G	230m NE	Refuse Heap	1948	1527983
G	231m N	Unspecified Tank	1929	1528727
G	233m N	Unspecified Tank	1948	1543122
J	243m SW	Refuse Heap	1948	1523639
J	243m SW	Refuse Heap	1948	1523639
B	249m NW	Unspecified Tanks	1929	1425815
K	250m W	Unspecified Tanks	1948	1465942
K	252m W	Unspecified Tanks	1951	1498755
K	253m W	Unspecified Tanks	1929	1520064
L	259m SW	Garage	1993	1457793

ID	Location	Land Use	Date	Group ID
B	260m NW	Refuse Heap	1951	1557181
4	261m SW	Unspecified Works	1973	1504396
B	262m NW	Unspecified Tanks	1929	1425814
B	262m NW	Refuse Heap	1948	1539932
B	262m NW	Refuse Heap	1948	1539932
5	263m N	Cuttings	1993	1410347
6	265m NW	Refuse Heap	1951	1461010
L	276m SW	Unspecified Pump	1850	1456721
B	277m NW	Industrial Estate	1993	1418584
M	286m W	Unspecified Works	1973	1493423
M	286m W	Unspecified Tank	1948	1551201
M	287m W	Unspecified Tanks	1929	1425816
M	288m W	Unspecified Tank	1951	1551201
B	291m W	Unspecified Ground Workings	1966	1414396
N	291m S	Linen Works	1929	1470956
N	291m S	Linen Works	1904	1470956
B	292m NW	Unspecified Tanks	1948	1507674
B	292m NW	Unspecified Tanks	1929	1542120
O	294m N	Unspecified Works	1951	1438951
N	294m S	Linen Works	1948	1518666
B	297m NW	Unspecified Tanks	1929	1494224
N	298m S	Bleach Works	1891	1422788
B	298m NW	Unspecified Tanks	1951	1516430
M	302m W	Unspecified Tanks	1948	1465423
P	304m NE	Opencast Workings	1973	1423456
P	304m NE	Open Workings	1966	1421864
M	304m W	Unspecified Tanks	1929	1499935
O	307m N	Unspecified Tanks	1948	1460690

ID	Location	Land Use	Date	Group ID
O	307m N	Unspecified Tanks	1951	1460690
O	311m N	Unspecified Tanks	1929	1458961
N	312m S	Unspecified Works	1973	1438954
B	313m NW	Unspecified Tanks	1929	1425813
Q	313m NW	Refuse Heaps	1929	1419476
H	315m N	Unspecified Tank	1929	1520521
H	317m N	Unspecified Tank	1948	1523161
R	322m W	Unspecified Depot	1973	1531763
R	322m W	Unspecified Depot	1982	1531763
7	324m S	Linen Works	1951	1424353
B	324m NW	Refuse Heap	1973	1438000
B	328m NW	Railway Building	1966	1429082
H	329m N	Refuse Heap	1948	1510641
H	329m N	Refuse Heap	1948	1510641
H	330m N	Refuse Heap	1951	1509929
N	333m S	Gasometer	1904	1420841
H	334m N	Refuse Heap	1929	1478072
N	338m S	Unspecified Tank	1891	1433412
S	340m NW	Refuse Heap	1929	1539579
8	343m SW	Opencast Workings	1966	1542560
H	350m N	Refuse Heap	1929	1541497
H	351m N	Unspecified Tank	1929	1554472
9	351m NW	Unspecified Depot	1982	1428500
T	352m NE	Unspecified Tank	1938	1483666
H	352m N	Unspecified Tank	1951	1500301
U	353m NW	Refuse Heaps	1948	1501825
U	353m NW	Refuse Heaps	1948	1501825
H	353m N	Unspecified Tank	1948	1500301

ID	Location	Land Use	Date	Group ID
B	353m NW	Refuse Heap	1929	1438001
B	354m NW	Refuse Heaps	1951	1545300
N	355m S	Filter Tanks	1904	1435401
V	357m SE	Bleach Works	1850	1422789
H	358m N	Refuse Heap	1948	1548044
H	358m N	Refuse Heap	1948	1548044
T	359m NE	Unspecified Tank	1951	1504438
X	370m W	Unspecified Works	1993	1511822
H	374m N	Unspecified Tank	1929	1546268
R	374m W	Railway Building	1966	1429081
H	375m N	Unspecified Tank	1951	1530057
H	376m N	Unspecified Tank	1948	1530057
X	376m W	Unspecified Works	1982	1504396
B	380m NW	Refuse Heap	1973	1538279
W	380m SE	Colliery	1938	1492320
W	380m SE	Colliery	1938	1492320
W	387m SE	Refuse Heap	1951	1514351
W	395m SE	Refuse Heap	1938	1550914
W	395m SE	Refuse Heap	1938	1550914
W	396m SE	Refuse Heap	1948	1517264
B	397m NW	Unspecified Tank	1929	1518416
W	398m SE	Unspecified Ground Workings	1973	1414404
B	398m NW	Unspecified Tank	1948	1513804
W	398m SE	Garage	1973	1523339
W	398m SE	Garage	1982	1523339
10	399m S	Sandstone Quarry	1850	1451625
W	401m SE	Garage	1993	1480315
B	405m NW	Unspecified Depot	1982	1428491

ID	Location	Land Use	Date	Group ID
11	412m SW	Opencast Workings	1966	1542560
W	418m SE	Garage	1966	1467501
B	419m NW	Railway Building	1966	1429083
B	428m NW	Sandstone Quarry	1850	1451621
U	433m NW	Refuse Heap	1973	1511811
Q	433m NW	Refuse Heap	1951	1515319
12	438m N	Disused Canal	1993	1439413
U	441m NW	Refuse Heaps	1929	1513559
Q	441m NW	Refuse Heap	1948	1543647
Q	441m NW	Refuse Heap	1948	1543647
U	467m NW	Unspecified Commercial/Industrial	1993	1411001
U	467m NW	Unspecified Works	1982	1495660
Q	469m NW	Unspecified Works	1966	1496188
B	471m W	Railway Building	1966	1429084
U	477m NW	Refuse Heap	1966	1488622
Y	482m S	Unspecified Tank	1929	1433413
Q	494m NW	Cooling Pond	1948	1424992
U	495m NW	Refuse Heap	1951	1541337
Q	498m NW	Electricity Transformer Station	1973	1531516
V	499m SE	Unspecified Pump	1850	1456722

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**23**

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 24 >**

ID	Location	Land Use	Date	Group ID
H	314m N	Unspecified Tank	1961	228903
N	338m S	Unspecified Tank	1893	228907
N	338m S	Gasometer	1906	229688
B	381m NW	Unspecified Tank	1993	237296
B	381m NW	Unspecified Tank	1993	237296
B	381m NW	Unspecified Tank	1996	237296
B	381m NW	Unspecified Tank	1998	237296
B	381m NW	Unspecified Tank	1991	237296
S	403m NW	Tanks	1991	250234
S	405m NW	Tanks	1993	237677
S	405m NW	Tanks	1993	237677
Y	441m S	Unspecified Tank	1975	234155
Y	442m S	Unspecified Tank	1990	234155
Y	484m S	Unspecified Tank	1893	248801
Y	484m S	Unspecified Tank	1906	248801
B	491m NW	Tanks	1991	243865
B	492m NW	Tanks	1993	243865
B	492m NW	Tanks	1993	243865
B	492m NW	Tanks	1996	243865
B	492m NW	Tanks	1998	243865
Z	500m NW	Tanks	1993	242624
Z	500m NW	Tanks	1993	242624
Z	500m NW	Tanks	1996	242624

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**19**

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 24 >**

ID	Location	Land Use	Date	Group ID
A	100m S	Electricity Substation	1999	131081
N	314m S	Electricity Substation	1975	137428
N	315m S	Electricity Substation	1991	137428
N	316m S	Electricity Substation	1999	137428
N	319m S	Electricity Substation	1990	144286
N	338m S	Gasometer	1906	131545
Q	410m NW	Electricity Transformer Station	1987	142626
Q	413m NW	Electricity Transformer Station	1989	146549
Q	413m NW	Electricity Transformer Station	1990	146549
Q	413m NW	Electricity Transformer Station	1991	146549
Q	413m NW	Electricity Transformer Station	1993	146549
Q	413m NW	Electricity Transformer Station	1993	146549
Q	413m NW	Electricity Transformer Station	1996	146549
Q	424m NW	Electricity Transformer Station	1970	142626
Q	445m NW	Electricity Substation	1998	131082
Q	474m NW	Electricity Substation	1993	146363
Q	474m NW	Electricity Substation	1993	146363
Q	474m NW	Electricity Substation	1996	146363
Q	474m NW	Electricity Substation	1998	146363

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	39

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'.

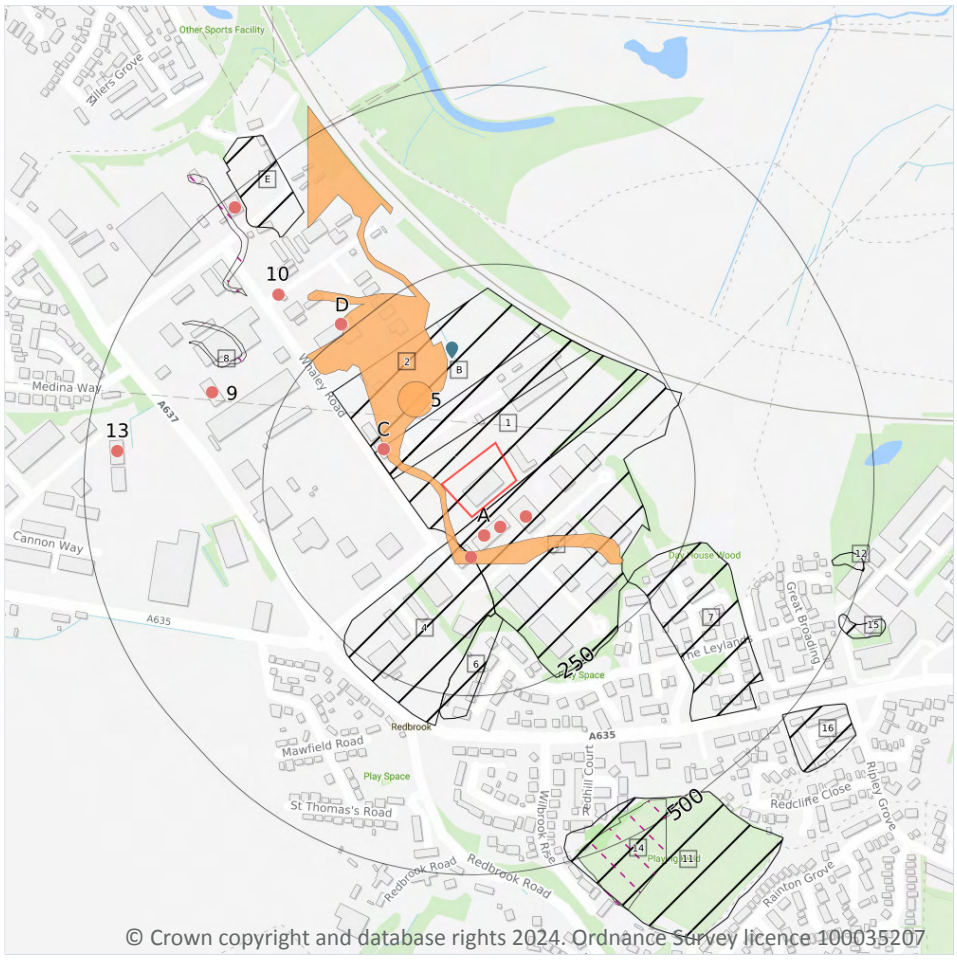
Features are displayed on the Past land use - un-grouped map on **page 24 >**

ID	Location	Land Use	Date	Group ID
D	66m W	Garage	1986	44459
D	66m W	Garage	1991	44459
D	66m W	Garage	1987	44459
F	148m SW	Garage	1998	42943
F	175m SW	Motor Repair Works	-	41063
E	186m SW	Garage	1990	44542
E	186m SW	Garage	1991	44542
E	188m SW	Garage	1999	43226
F	191m W	Motor Repair Works	1970	41589
F	193m W	Garage	1998	44305
F	193m W	Garage	1993	45736
F	193m W	Garage	1993	45736
F	193m W	Garage	1996	44305
F	194m W	Garage	1987	45711
F	194m W	Garage	1989	45711
F	194m W	Garage	1990	45736

ID	Location	Land Use	Date	Group ID
F	194m W	Garage	1991	45736
L	257m SW	Garage	1980	46157
L	257m SW	Garage	1991	46157
L	257m SW	Garage	1980	42037
L	275m SW	Garage	1976	45840
L	279m SW	Garage	1969	45840
W	358m SE	Garage	1991	44011
W	370m SE	Garage	1999	44940
W	375m SE	Garage	1959	45472
W	375m SE	Garage	1959	45472
W	389m SE	Garage	1975	44169
W	394m SE	Garage	1990	46520
W	394m SE	Garage	1991	46520
W	397m SE	Garage	1999	43513
W	407m SE	Garage	1986	45301
W	407m SE	Garage	1987	45301
W	407m SE	Garage	1989	45301
W	407m SE	Garage	1989	45301
W	407m SE	Garage	1984	45301
W	408m SE	Garage	1995	46520
W	408m SE	Garage	1996	44941
W	408m SE	Garage	1959	44304
W	410m SE	Garage	1990	46520

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical landfill (LA/OS)

Historical waste sites

Licensed waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

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

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	3

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

Features are displayed on the Waste and landfill map on **page 35 >**

ID	Location	Site address	Source	Data type
8	327m NW	Refuse Tip	1970 mapping	Polygon
E	379m NW	Refuse Tip	1970 mapping	Polygon
14	467m SE	Refuse Tip	1975 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	11

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 35 >**

ID	Location	Details		
1	**On site**	**Site Address: Whaley Road, Claycliffe Industrial Estate, Barugh Green road, Barugh, Barnsley Licence Holder Address: PO Box 1, Whaley Road, Barugh, Barnsley**	**Waste Licence: Yes Site Reference: 4400/B502, 20B502(81), WD20 B502 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 24/03/1986 Licence Surrender: 22/07/1992**	**Operator: Amco Limited Licence Holder: Amco Industries Holdings Limited First Recorded 31/03/1986 Last Recorded: 22/07/1992**
3	5m S	Site Address: Land To East Of Whaley Road, Barugh Green, Barnsley Licence Holder Address: 31 Bence Lane, Darton	Waste Licence: Yes Site Reference: WD20 B1050 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 15/03/1994 Licence Surrender: -	Operator: Mydrin Limited Licence Holder: Autogel Limited/Mydrinlts First Recorded 15/03/1994 Last Recorded: -

ID	Location	Details		
B	35m N	Site Address: Tipping of Builders Waste opposite Whaley Road, Whaley Road, Barugh, Barnsley Licence Holder Address: Amco Compound, Whaley Road, Barugh, Barnsley	Waste Licence: Yes Site Reference: WD24 B378, 4400/B375, 20B375(84), WD20 B375 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/04/1983 Licence Surrender: 02/07/1984	Operator: Longden Homes Licence Holder: Amco Industries Holdings Limited First Recorded 30/04/1983 Last Recorded: 02/07/1984
4	39m SW	Site Address: South Yorkshire Industrial Estate, Redbrook, Barnsley Licence Holder Address: Western House, Place Du Commerce, St Peter Port, Guernsey	Waste Licence: Yes Site Reference: 4400/B392, 20B392(87), WD20 B392 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 02/09/1983 Licence Surrender: 29/01/1990	Operator: Northern Properties Limited Licence Holder: Northern Properties Limited First Recorded 30/09/1983 Last Recorded: 29/01/1990
6	138m S	Site Address: Wilthorpe Road, Redbrook, Barnsley Licence Holder Address: High Street, South Elmsall, Pontefract	Waste Licence: Yes Site Reference: WD20 B390, 4400/B390, 20B390(86) Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 02/09/1983 Licence Surrender: 03/05/1988	Operator: Tara Civil Engineering Limited Licence Holder: Tara Civil Engineering Limited First Recorded 02/09/1983 Last Recorded: 03/05/1988
7	208m SE	Site Address: Dayhouse Lane And Wilthorpe Road, Gawber, Barnsley Licence Holder Address: -	Waste Licence: - Site Reference: 4400/(135) Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Mr B Dixon Licence Holder: Mr B Dixon First Recorded - Last Recorded: -
E	410m NW	Site Address: Land off Whaley Road, Claycliffe Industrial Estate, Barugh Green, Barnsley Licence Holder Address: 3 The Balk, Staincross, Barnsley	Waste Licence: Yes Site Reference: WD20 B488, 4400/B488, 20B488(97) Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 21/10/1985 Licence Surrender: 01/11/1994	Operator: Mr C Langfield Licence Holder: Mr C Langfield First Recorded 31/10/1985 Last Recorded: 01/11/1994

ID	Location	Details		
11	451m SE	Site Address: Redbrook Road, Gawber, Barnsley Licence Holder Address: -	Waste Licence: - Site Reference: 4400/(4) Waste Type: Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Darton Urban District Council Licence Holder: Darton Urban District Council / South Yorkshire County Council First Recorded 31/12/1965 Last Recorded: 31/12/1975
12	455m E	Site Address: Redbrook Business Park, Gawber Licence Holder Address: -	Waste Licence: - Site Reference: 4400/B1050 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
15	490m E	Site Address: Redbrook Business Park, Gawber Licence Holder Address: 31 Bence Lane, Darton, Barnsley	Waste Licence: Yes Site Reference: 41B58(165), 4400/B1050 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: Autogel Limited First Recorded - Last Recorded: -
16	495m SE	Site Address: Gawber Refuse Tip, Withorpe Lane, Gawber, Barnsley, South Yorkshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Darton Urban District Council Licence Holder: - First Recorded 16/11/1967 Last Recorded: -

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

3.5 Historical waste sites

Records within 500m	**2**

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

Features are displayed on the Waste and landfill map on **page 35 >**

ID	Location	Address	Further Details	Date
2	1m W	Site Address: N/A	Type of Site: Ground Workings and Refuse Heap Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1961
5	91m NW	Site Address: Whaley Road, Low Barugh, BARNSLEY, South Yorkshire, S75 1HT	Type of Site: Recycling Centre (Conversion) Planning application reference: 2006/1242 Description: Scheme comprises change of use of land to B2 waste recycling centre. An application (ref: 2006/1242) for detailed planning permission was granted by Barnsley B.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-

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

3.6 Licensed waste sites

Records within 500m **2**

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

Features are displayed on the Waste and landfill map on **page 35 >**

ID	Location	Details		
B	143m N	Site Name: Whaley Road Site Address: Wordsworth Crushing Ltd, Whaley Road, Low Barugh, Barnsley, South Yorkshire, S75 1HT Correspondence Address: -	Type of Site: Inert & excavation Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WOR047 EPR reference: EA/EPR/GB3237AM/A001 Operator: Wordsworth Crushing Ltd Waste Management licence No: 104091 Annual Tonnage: 74999	Issue Date: 22/05/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
B	143m N	Site Name: Whaley Road Site Address: Wordsworth Crushing Ltd, Whaley Road, Low Barugh, Barnsley, South Yorkshire, S75 1HT Correspondence Address: -	Type of Site: Inert & excavation Waste TS + treatment Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 655717 EPR reference: EA/EPR/GB3237AM Operator: Wordsworth Crushing Limited Waste Management licence No: 104091 Annual Tonnage: 74999	Issue Date: 22/05/2012 Effective Date: 22/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m **24**

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 35 >**

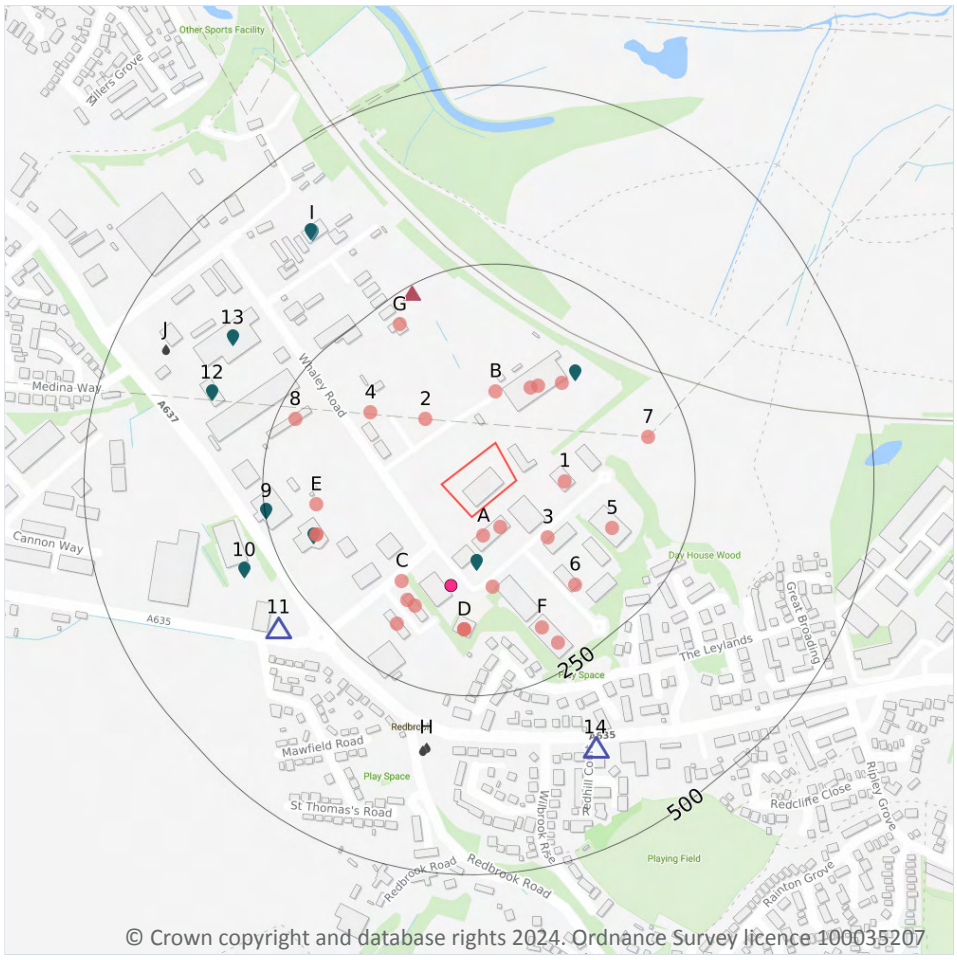
ID	Location	Site	Reference	Category	Sub-Category	Description
A	31m S	Amalgamated Construction Ltd, Whaley Road, Barugh, Barnsley, S75 1HT	WEX174486	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	31m S	Amalgamated Construction Ltd, Whaley Road, Barugh, Barnsley, S75 1HT	WEX174486	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	31m S	Whirlpool UK Appliances Ltd, Unit F, Zenith Business Park, Baurgh Green, Barnsley, S75 1HT	WEX167716	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	31m S	Whirlpool UK Appliances Ltd, Unit F, Zenith Business Park, Baurgh Green, Barnsley, S75 1HT	WEX167716	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	31m S	Amalgamated Construction Ltd, Amalgamated Construction Ltd, Whaley Road, BARNSLEY, S75 1HT	WEX160097	Using waste exemption	Not on a Farm	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
A	31m S	WHALEY ROAD, BARNSLEY, S75 1HT	WEX091827	Using waste exemption	Not on a farm	Use of waste in construction
A	36m SE	Unit F, Zenith Business Park, Baurgh Green, Barnsley, S75 1HT	WEX006072	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	36m SE	Unit F, Zenith Business Park, Baurgh Green, Barnsley, S75 1HT	WEX006072	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	47m SE	UNIT F, ZENITH PARK, WHALEY ROAD, BARNSLEY, S75 1HT	WEX304724	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	47m SE	UNIT F, ZENITH PARK, WHALEY ROAD, BARNSLEY, S75 1HT	WEX304724	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	56m S	UnitF Zenith Park Whaley Road Barnsley South Yorkshire S75 1HT	EPR/KH0015JV/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
C	94m W	-	WEX378346	Using waste exemption	Not on a farm	Use of mulch
C	94m W	-	WEX378346	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	94m W	-	WEX378346	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
D	261m NW	Amalgamated Construction Ltd Whaley Road Barnsley South Yorkshire S75 1HT	EPR/EE5452DT/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
D	261m NW	Amalgamated Construction Ltd Whaley Road Barnsley South Yorkshire S75 1HT	EPR/EE5452DT/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
D	263m NW	Amalgamated Construction Ltd Whaley Road Barnsley South Yorkshire S75 1HT	EPR/AE5181AY/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
D	264m NW	WHALEY ROAD BARNSLEY S75 1HT	WEX013568	Storing waste exemption	Not on a farm	Storage of waste in secure containers

ID	Location	Site	Reference	Category	Sub-Category	Description
D	264m NW	WHALEY ROAD BARNSLEY S75 1HT	WEX013568	Storing waste exemption	Not on a farm	Storage of waste in a secure place
9	346m W	Unit 3 & 4 Joe Pole Storage, Claycliffe Road, Barugh Green, Barnsley, S75 1HS	WEX080820	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
10	350m NW	Site At Whaley Road Barnsley South Yorkshire S75 1HT	EPR/AF0804WM/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
13	456m W	UNIT 6, CANNON WAY, CLAYCLIFFE BUSINESS PARK, CLAYCLIFFE ROAD, BARUGH GREEN, BARNSLEY, S75 1JU	WEX353353	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	482m NW	Amalgamated Construction Ltd, Whaley Road, Barugh, Barnsley, S75 1HT	WEX306800	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	482m NW	Amalgamated Construction Ltd, Whaley Road, Barugh, Barnsley, S75 1HT	WEX306800	Storing waste exemption	Not on a farm	Storage of waste in secure containers

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

4 Current industrial land use



Site Outline

Search buffers in metres (m)

Recent industrial land uses

Current or recent petrol stations

Hazardous substance storage/usage

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

Radioactive Substance Authorisations

Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m	28

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 43 >**

ID	Location	Company	Address	Activity	Category
A	31m S	Barnsley 1.5 - Biomass (dedicated) (BEIS)	Whaley Road, Barugh Green, Barnsley, -, South Yorkshire, S75 1HT	Energy Production	Industrial Features
A	36m SE	C T M UK Ltd	Unit E Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Rubber, Silicones and Plastics	Industrial Products

ID	Location	Company	Address	Activity	Category
1	68m E	Abode	Unit L Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Bathroom Fixtures, Fittings and Sanitary Equipment	Consumer Products
B	72m N	Electricity Sub Station	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
2	86m NW	Pylon	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
3	90m SE	Electricity Sub Station	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
B	91m NE	Works	South Yorkshire, S75	Unspecified Works Or Factories	Industrial Features
B	100m NE	Naylor Concrete Products Ltd	Naylor Concrete Products Ltd, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Concrete Products	Industrial Products
A	101m S	Electricity Sub Station	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
B	125m NE	Hopper	South Yorkshire, S75	Hoppers and Silos	Farming
C	132m SW	Electricity Sub Station	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
4	141m NW	Wordsworth Business Park	South Yorkshire, S75	Business Parks and Industrial Estates	Industrial Features
C	147m SW	Advanced	Unit 2 Morston Claycliffe Office Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HQ	Special Purpose Machinery and Equipment	Industrial Products
C	147m SW	Baldwins Crane Hire	Unit 4 Morston Claycliffe Office Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HQ	Construction and Tool Hire	Hire Services
5	150m E	Melett	Unit N Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Engines	Industrial Products
D	158m S	O S I	Unit B Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Office and Shop Equipment	Industrial Products
D	158m S	Echelon Sports	Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Hobby, Sports and Pastime Products	Consumer Products
D	158m S	Cutting Technologies Ltd	Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Cutting, Drilling and Welding Services	Construction Services
6	165m SE	Greener Skies UK	Unit 17 Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Construction Completion Services	Construction Services

ID	Location	Company	Address	Activity	Category
E	178m W	Mast (Telecommunication)	South Yorkshire, S75	Telecommunications Features	Infrastructure and Facilities
F	182m SE	Denby Dale	Unit J Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Clothing, Components and Accessories	Consumer Products
C	183m SW	Egger Turo Pumps UK Ltd	Unit 5 First Floor Morston Claycliffe Office Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HQ	Pumps and Compressors	Industrial Products
E	189m W	Perrys Motors Sales Ltd	-, Claycliffe Road, Barugh, Barnsley, South Yorkshire, S75 1LR	New Vehicles	Motoring
E	189m W	Perrys Barnsley Vauxhall	-, Claycliffe Road, Barugh, Barnsley, South Yorkshire, S75 1LR	New Vehicles	Motoring
7	194m E	Pylon	South Yorkshire, S75	Electrical Features	Infrastructure and Facilities
G	213m NW	Wordsworth Crushing Ltd	Wordsworth Crushing, Wordsworth Business Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1FJ	Ore Mining	Extractive Industries
F	213m SE	Ceag Ltd	Unit K Zenith Park, Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	Lampshades and Lighting	Consumer Products
8	224m W	Mike Tinker Motor Bodies	Unit 9 Joe Poles Industrial Estate, Claycliffe Road, Barugh, Barnsley, South Yorkshire, S75 1HS	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m **2**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 43 >**

ID	Location	Company	Address	LPG	Status
11	304m SW	OBSOLETE	Claycliffe Road, A365, Redbrook, Barnsley, South Yorkshire, S75 1HS	Not Applicable	Obsolete
14	366m SE	OBSOLETE	Wilthorpe Road, Barnsley, South Yorkshire, S75 1JA	Not Applicable	Obsolete

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	1

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.

Features are displayed on the Current industrial land use map on **page 43 >**

ID	Location	Details	
G	239m N	Application reference number: No Details Application status: Approved Application date: No Details Address: Reliance Energy Ltd, Redbrook Industrial Estate, Barnsley, South Yorkshire, England, S75 1HS	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details

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	12

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 43 >**

ID	Location	Address	Details	
A	63m S	Wordsworth Crushing Ltd, Whaley Road, Barugh Green, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
A	63m S	Wordsworth Crushing Ltd, Whaley Road, Barugh Green, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	147m NE	Naylor Concrete Products Ltd, Whaley Road, Barugh Green, Barnsley, S75 1HT	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
E	193m W	D C Cook, Barugh Green Rd, Barugh Green, Barnsley, S75 2RS	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
9	248m W	Alton Cars, Claycliffe Road, Barnsley, S75 1HS	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
10	301m W	Malcolm Smith Motor Repairs, Claycliffe Rd, Barugh, Barnsley, S75 1HS	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
12	345m W	Braithwaite Excavations Limited, Claycliffe Road, Barugh Green, Barnsley, S75 1HS	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
13	357m NW	Compass Engineering Limited, Whaley Road, Barnsley, S75 1HT	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	388m NW	VHE Construction Plc, Whaley Road, Barugh, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
I	389m NW	VHE Construction Plc, Whaley Road, Barugh, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

ID	Location	Address	Details	
I	391m NW	VHE Construction Plc, Whaley Road, Barugh, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
I	391m NW	VHE Construction Plc, Whaley Road, Barugh, Barnsley, S75 1HT	Process: Other Mineral Processes Status: Current Permit 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 **1**

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

Features are displayed on the Current industrial land use map on **page 43 >**

ID	Location	Address	Details	
A	100m S	Static Solutions Limited, Unit 17, Zenith Park,whaley Road,barugh Green, Barnsley, South Yorkshire, S75 1HT	Operator: Static Solutions Limited Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: CE2870 Date of approval: -	Effective from: - Last date of update: 06/01/2010 Status: Valid

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

4.13 Licensed Discharges to controlled waters

Records within 500m **4**

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 43 >**

ID	Location	Address	Details	
H	328m S	REDBROOK ROAD CSO, REDBROOK ROAD (OPP DEPOT), BARNSLEY, SOUTH YORKSHIRE, S75 1HN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8507 Permit Version: 2 Receiving Water: REDBROOK	Status: VARIED UNDER EPR 2010 Issue date: 31/03/2022 Effective Date: 31/03/2022 Revocation Date: -

ID	Location	Address	Details	
H	333m S	REDBROOK ROAD CSO, REDBROOK ROAD (OPP DEPOT), BARNSLEY, SOUTH YORKSHIRE, S75 1HN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8507 Permit Version: 1 Receiving Water: RED BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 31/03/2005 Effective Date: 31/03/2005 Revocation Date: 30/03/2022
J	429m NW	PRISM WORKS, CLAYCLIFFE ROAD, BARUGH, BARNSLEY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: C4750 Permit Version: 2 Receiving Water: TRIBUTARY OF THE RIVER DEARNE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/07/1993 Effective Date: 21/07/1993 Revocation Date: 27/11/2007
J	429m NW	PRISM WORKS, CLAYCLIFFE ROAD, BARUGH, BARNSLEY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: C4750 Permit Version: 1 Receiving Water: TRIBUTARY OF THE RIVER DEARNE	Status: TRANSFERRED FROM COPA 1974 Issue date: 14/08/1987 Effective Date: 14/08/1987 Revocation Date: 20/07/1993

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	0

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.

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	0

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

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.

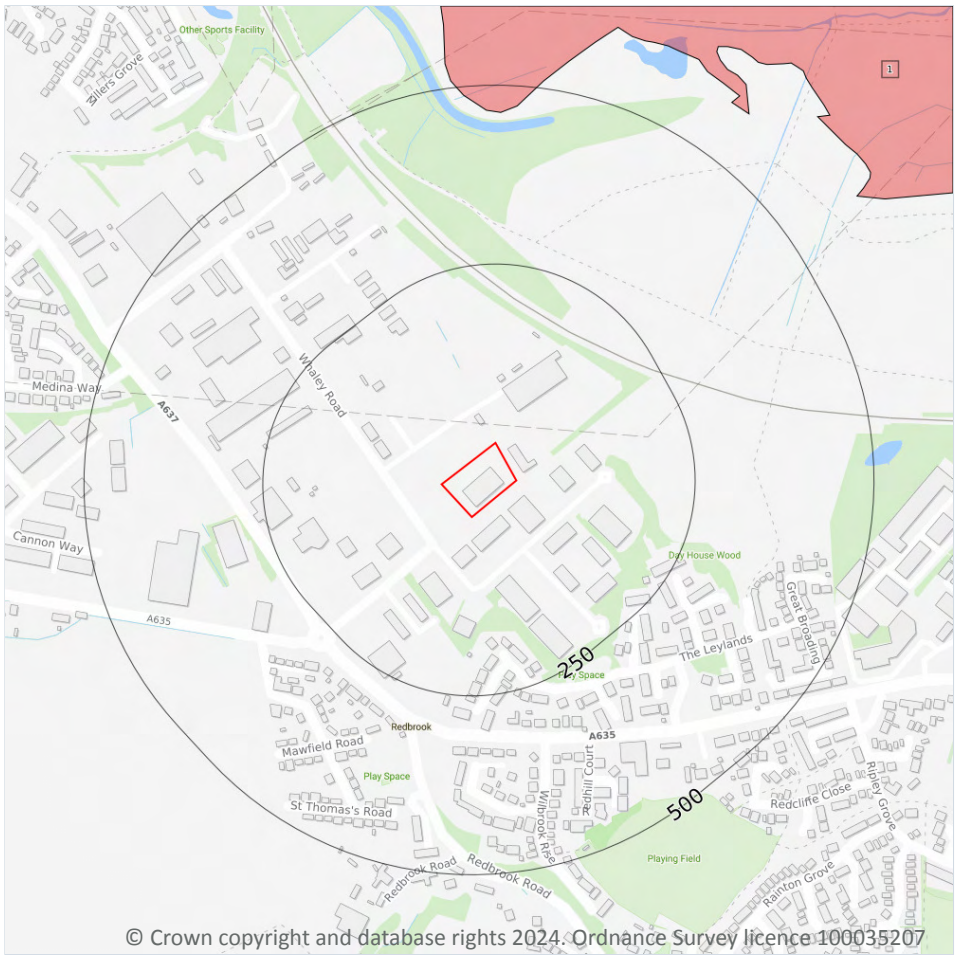
4.21 Pollution inventory radioactive waste

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



Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m	1

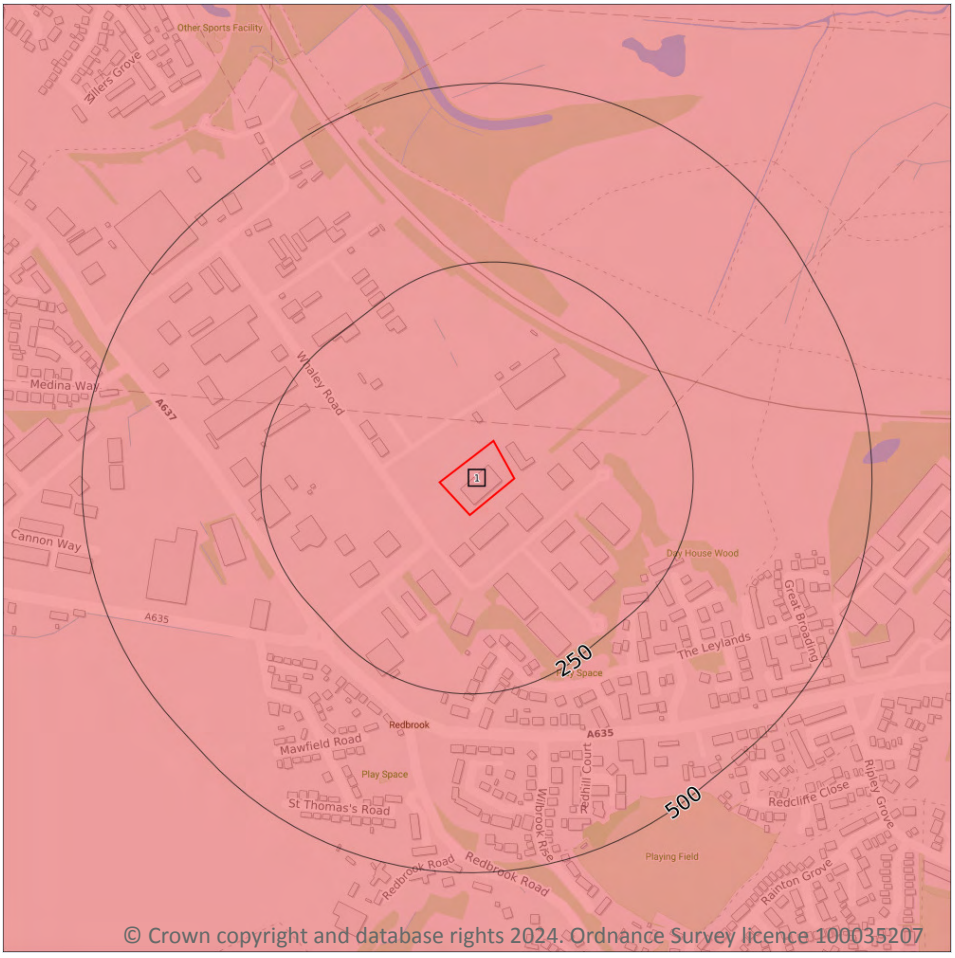
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 53 >**

ID	Location	Designation	Description
1	462m N	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	1

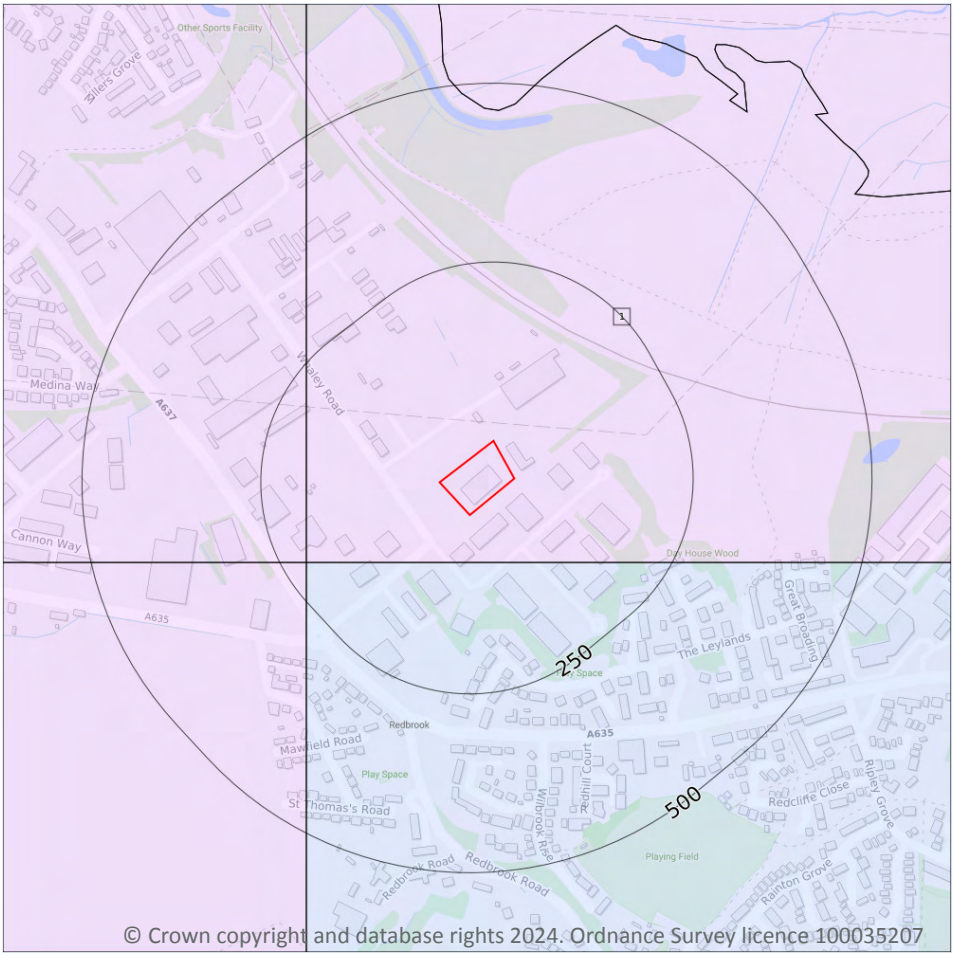
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 54 >**

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**

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	1

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 55 >**

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: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High**	**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

5.6 Groundwater abstractions

Records within 2000m	0

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.

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

5.7 Surface water abstractions

Records within 2000m	0

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.

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

5.8 Potable abstractions

Records within 2000m	0

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.

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.

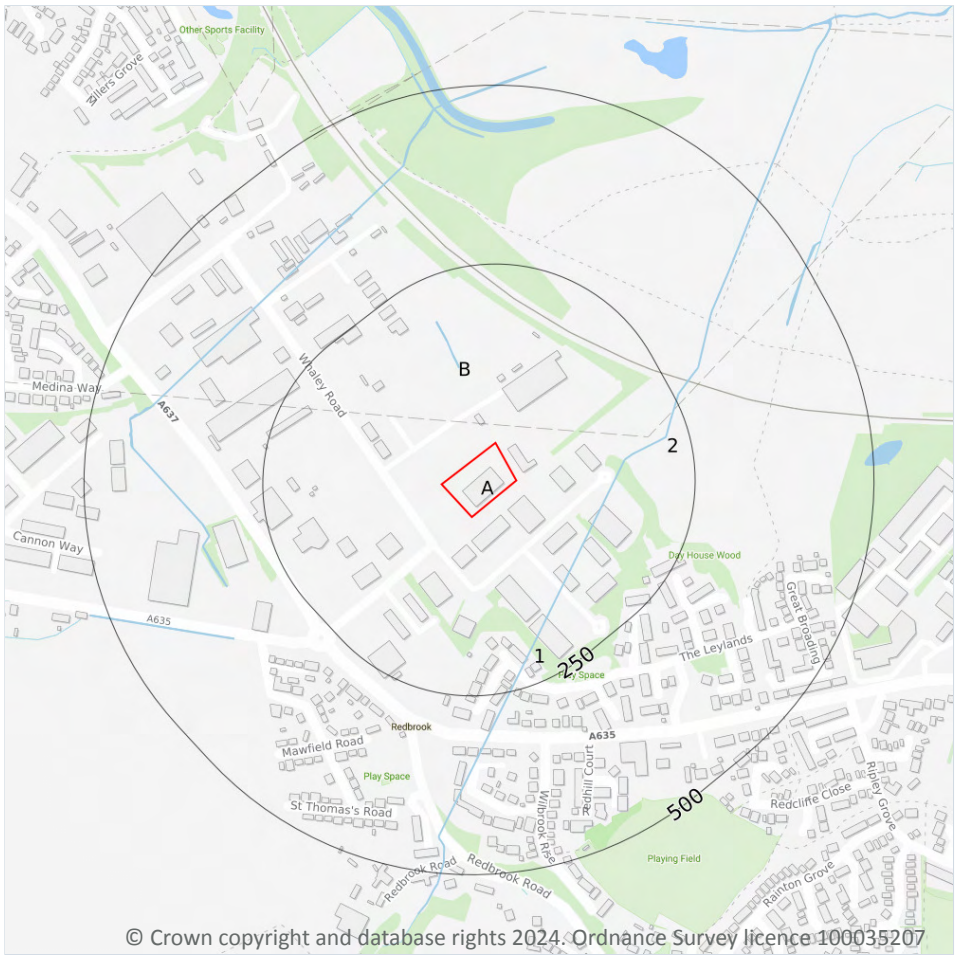
5.10 Source Protection Zones (confined aquifer)

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



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	5

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 59 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	116m N	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
1	123m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	136m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
2	154m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	157m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**2**

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 59 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	**1**

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 59 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River**	**Dearne from Cawthorne Dyke to Lundwood STW**	**GB104027063171**	**Dearne**	**Don and Rother**

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

6.4 WFD Surface water bodies

Records identified	1

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 59 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	827m N	River	Dearne from Cawthorne Dyke to Lundwood STW	GB104027063171 ↗	Moderate	Fail	Moderate	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 59 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	**On site**	**Don & Rother Millstone grit & Coal Measures**	**GB40402G992300 ↗**	**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.

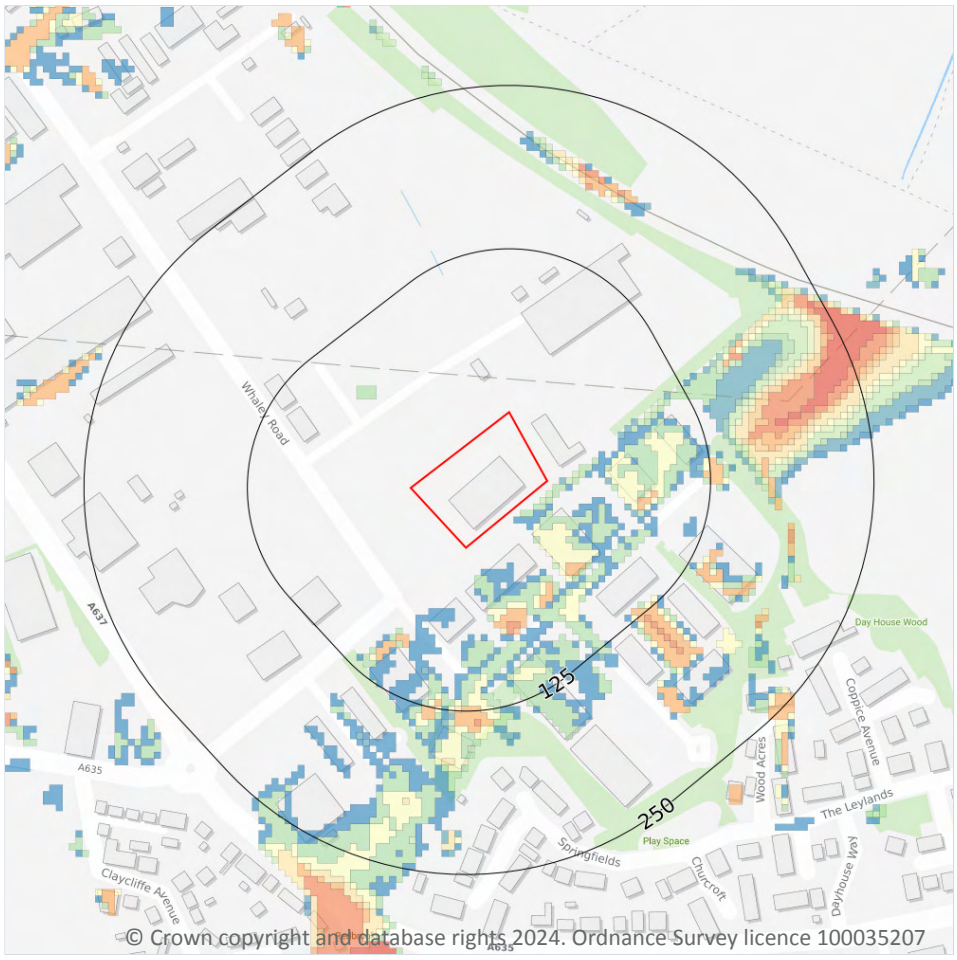
7.7 Flood Zone 3

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



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**Negligible**
Highest risk within 50m	**1 in 100 year, 0.1m - 0.3m**

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 65 >**

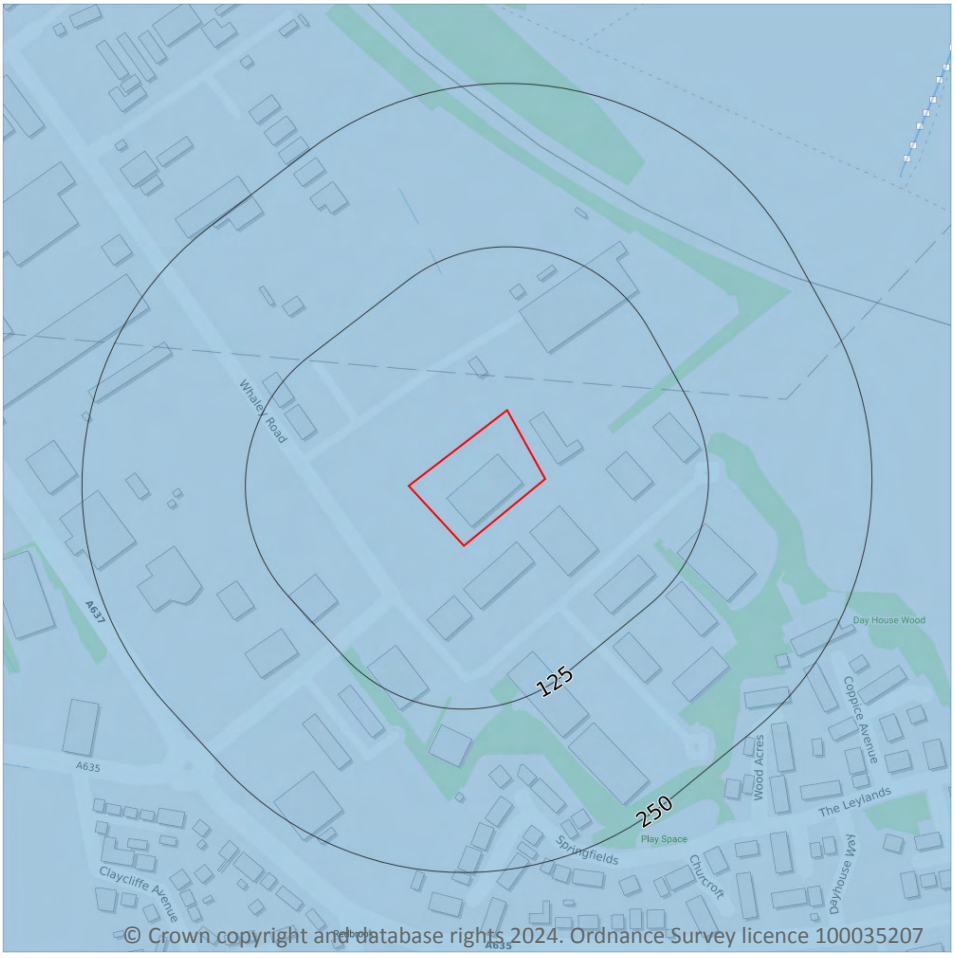
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

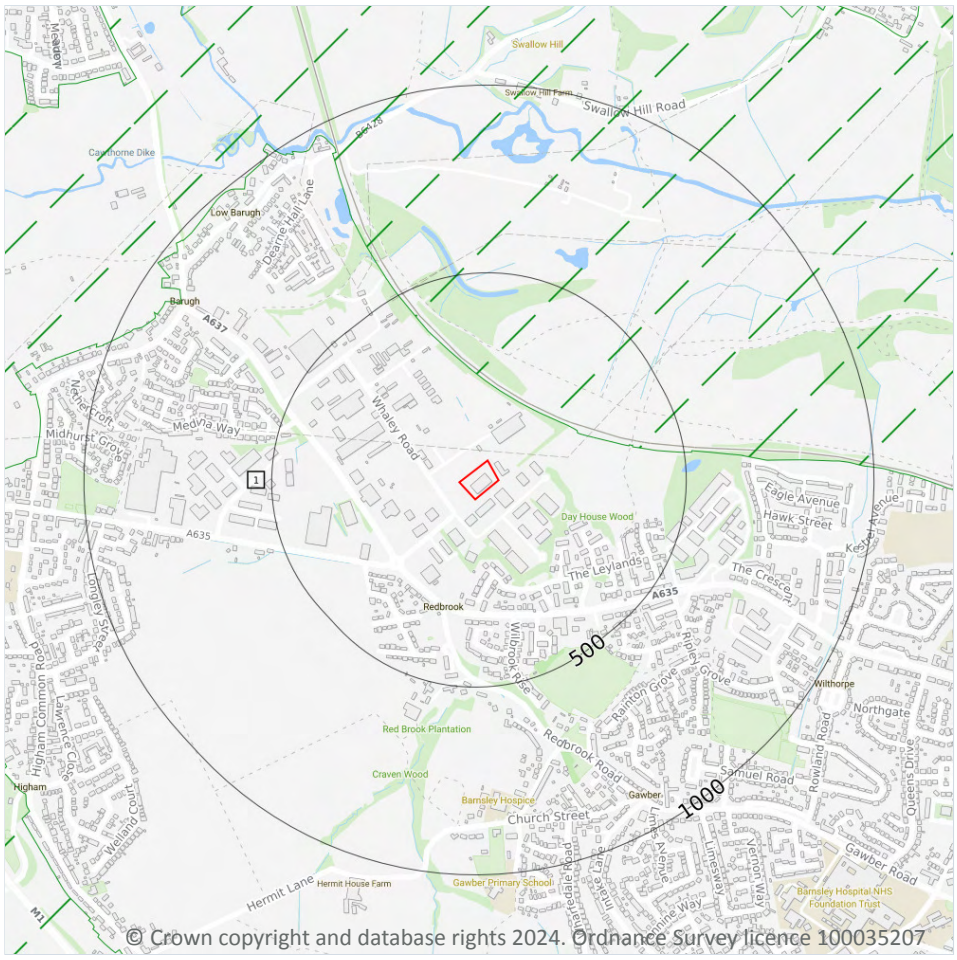
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

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 67 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Designated Ancient Woodland

Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

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.

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	0

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.

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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.

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	6

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 68 >**

ID	Location	Name	Woodland Type
-	1769m SW	Unknown	Ancient & Semi-Natural Woodland
-	1780m W	Hugset Wood	Ancient Replanted Woodland
-	1782m SW	Unknown	Ancient & Semi-Natural Woodland
-	1872m SW	Hugset Wood	Ancient & Semi-Natural Woodland
-	1881m SW	Hugset Wood	Ancient Replanted Woodland
-	1995m SW	Hugset Wood	Ancient Replanted 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 68 >**

ID	Location	Name	Local Authority name
1	176m NE	South and West Yorkshire	Barnsley

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	2

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.

Location	Name	Type	NVZ ID	Status
On site	**River Dearne NVZ**	**Surface Water**	**278**	**Existing**