

ID	Location	Land use	Dates present	Group ID
C	74m SW	Garage	1995	42476
C	74m SW	Garage	1974 - 1991	45896
G	78m NW	Garage	1995	41110
C	106m S	Garage	1955 - 1966	46941
K	135m NE	Garage	1991 - 1995	45359
K	136m NE	Garage	1974	43898
K	183m N	Garage	1974	44125
K	183m N	Garage	1995 - 1997	46385
K	183m N	Garage	1980 - 1981	46169
R	233m N	Garage	1995	42348
R	233m N	Garage	1980 - 1981	45420
8	263m S	Garage	1982	41111
R	266m N	Garage	1995 - 1997	45787
R	298m N	Garage	1974	43266
R	353m N	Garage	1980 - 1981	45366
AB	400m SW	Garage	1955 - 1968	45331
10	408m N	Garage	1955 - 1974	46474
AJ	475m SW	Garage	1955 - 1974	46610
AJ	478m SW	Garage	1983	42935
AJ	479m SW	Garage	1956 - 1994	45099

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

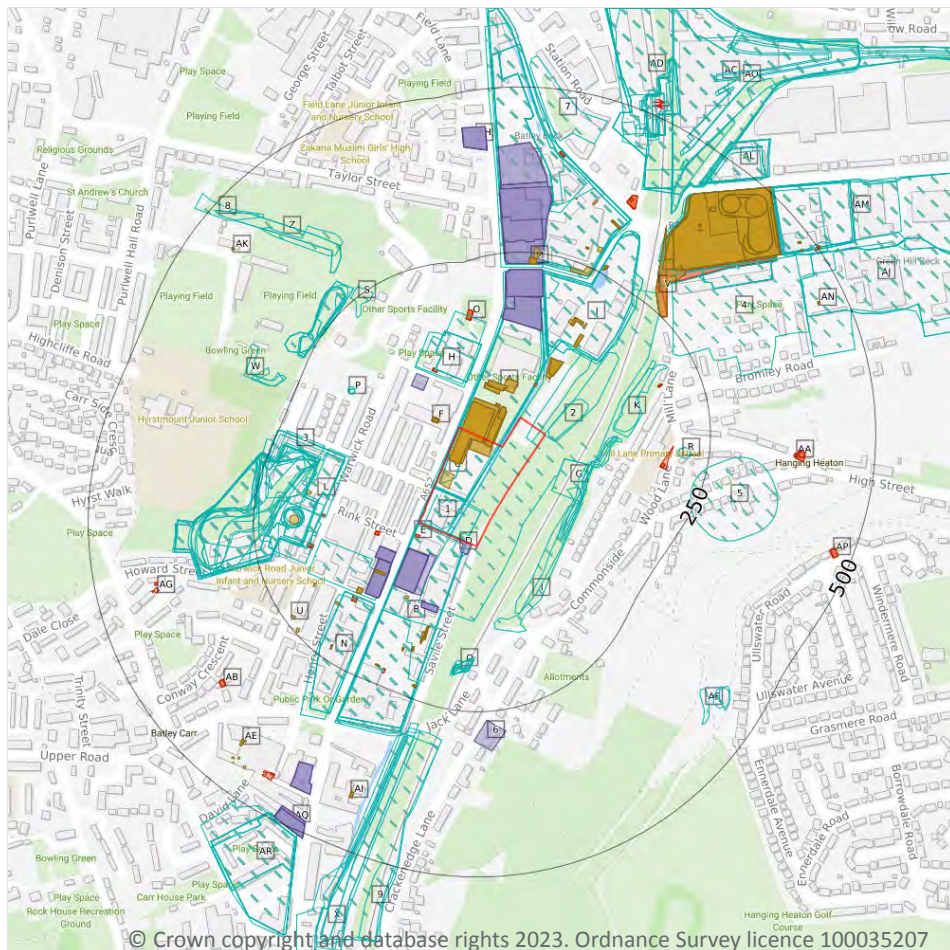
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

223

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 28**

ID	Location	Land Use	Date	Group ID
1	On site	Refuse Heap	1967	1436690
2	On site	Railway Sidings	1905	1409359
A	On site	Sewage Works	1948	1550065

ID	Location	Land Use	Date	Group ID
A	On site	Sewage Works	1931	1504808
A	On site	Sewage Works	1988	1532336
A	On site	Sewage Works	1981	1532336
A	On site	Unspecified Commercial/Industrial	1974	1510990
A	On site	Sewage Works	1967	1523933
A	On site	Sewage Works	1955	1523933
A	On site	Sewage Works	1948	1550065
A	On site	Unspecified Heap	1948	1475294
A	On site	Sewage Works	1905	1535489
A	On site	Refuse Heap	1905	1436687
A	On site	Sewage Works	1931	1535489
B	On site	Unspecified Industrial/Commercial	1931	1443830
B	On site	Unspecified Mills	1988	1544421
B	On site	Unspecified Mills	1981	1544421
B	On site	Unspecified Mills	1974	1544421
B	On site	Unspecified Mills	1967	1544421
B	On site	Unspecified Commercial/Industrial	1948	1553384
C	On site	Refuse Heap	1974	1497426
C	On site	Refuse Heap	1967	1497426
D	On site	Refuse Heap	1905	1436689
B	3m SW	Unspecified Commercial/Industrial	1931	1482130
A	5m NE	Unspecified Heap	1931	1503005
G	45m E	Cuttings	1905	1409822
H	61m N	Unspecified Mill	1892	1421610
H	66m N	Unspecified Commercial/Industrial	1905	1410952
H	70m N	Unspecified Mills	1988	1536499
H	70m N	Unspecified Mills	1981	1536499
H	70m N	Unspecified Mills	1974	1536499



ID	Location	Land Use	Date	Group ID
H	70m N	Unspecified Mills	1967	1536499
I	74m E	Refuse Heap	1892	1544566
G	78m E	Unspecified Quarry	1948	1505114
G	81m E	Unspecified Quarry	1948	1500172
G	82m E	Unspecified Quarry	1955	1500172
B	89m SW	Unspecified Mill	1892	1421609
I	90m E	Refuse Heap	1905	1544566
J	101m NE	Unspecified Mills	1988	1476059
J	101m NE	Unspecified Mills	1981	1476059
J	102m NE	Unspecified Commercial/Industrial	1931	1486484
K	103m E	Unspecified Ground Workings	1892	1414244
K	103m E	Unspecified Pit	1905	1452089
J	116m NE	Unspecified Mills	1892	1463089
J	117m NE	Unspecified Commercial/Industrial	1905	1486484
L	134m W	Unspecified Works	1988	1479227
B	136m S	Unspecified Commercial/Industrial	1892	1491083
N	139m SW	Unspecified Commercial/Industrial	1988	1472969
N	139m SW	Unspecified Commercial/Industrial	1981	1472969
N	139m SW	Unspecified Commercial/Industrial	1974	1472969
N	139m SW	Unspecified Mills	1967	1419263
L	140m W	Brick Works	1931	1553028
L	141m W	Brick Works	1905	1489441
L	142m W	Unspecified Works	1981	1504328
L	142m W	Unspecified Works	1974	1504328
L	142m W	Unspecified Works	1967	1504328
L	142m W	Brick Works	1955	1554665
B	142m SW	Unspecified Commercial/Industrial	1905	1461864
L	145m W	Brick Works	1948	1480240



ID	Location	Land Use	Date	Group ID
N	146m SW	Unspecified Commercial/Industrial	1892	1461879
L	148m W	Unspecified Works	1988	1533457
L	157m W	Brick Works	1931	1553028
L	160m W	Brick Works	1948	1480240
P	166m NW	Unspecified Tank	1905	1545144
P	166m NW	Unspecified Tank	1892	1545144
Q	166m S	Railway Station	1955	1504669
P	167m NW	Unspecified Tank	1948	1488106
Q	170m S	Railway Station	1948	1504669
Q	170m S	Railway Station	1905	1480051
Q	170m S	Railway Station	1892	1480051
Q	170m S	Railway Station	1931	1464431
Q	170m S	Railway Station	1931	1555013
Q	172m S	Railway Station	1948	1505832
L	172m W	Unspecified Quarry	1981	1469053
L	172m W	Unspecified Quarry	1974	1469053
L	172m W	Unspecified Quarry	1967	1469053
L	173m W	Unspecified Tank	1931	1542086
L	174m W	Unspecified Pit	1905	1499969
L	175m W	Unspecified Tank	1955	1514584
L	176m W	Unspecified Tank	1948	1555752
L	176m W	Unspecified Tank	1905	1528533
L	176m W	Unspecified Tank	1931	1528533
3	177m W	Unspecified Works	1988	1483949
L	177m W	Unspecified Ground Workings	1931	1495986
L	178m W	Unspecified Ground Workings	1948	1541085
L	179m W	Unspecified Ground Workings	1948	1475999
L	179m W	Unspecified Tank	1948	1555752



ID	Location	Land Use	Date	Group ID
L	180m W	Unspecified Pit	1955	1548989
L	182m W	Unspecified Ground Workings	1931	1495986
L	189m W	Unspecified Ground Workings	1988	1461187
L	198m W	Unspecified Ground Workings	1892	1553552
R	203m E	Unspecified Ground Workings	1957	1414245
S	226m NW	Unspecified Quarry	1905	1427948
T	227m N	Unspecified Mills	1892	1504230
T	228m N	Unspecified Mills	1892	1471432
4	229m NE	Unspecified Commercial/Industrial	1957	1463416
T	232m N	Unspecified Commercial/Industrial	1905	1495214
T	232m N	Unspecified Commercial/Industrial	1931	1495214
T	232m N	Unspecified Commercial/Industrial	1948	1552046
T	236m N	Unspecified Mills	1967	1545833
5	236m E	Smithy	1905	1456924
T	236m N	Unspecified Works	1988	1498449
T	236m N	Unspecified Works	1981	1498449
T	236m N	Unspecified Mills	1974	1554235
T	238m N	Unspecified Mills	1988	1485258
T	238m N	Unspecified Mills	1981	1485258
T	238m N	Unspecified Mills	1974	1485258
S	249m NW	Unspecified Heap	1974	1472817
S	249m NW	Unspecified Heap	1967	1472817
S	250m NW	Unspecified Heap	1981	1497953
S	250m NW	Unspecified Heap	1974	1497953
S	250m NW	Unspecified Heap	1967	1497953
S	252m NW	Unspecified Heap	1948	1557982
S	253m NW	Unspecified Heap	1955	1557982
S	253m NW	Unspecified Quarry	1905	1427950



ID	Location	Land Use	Date	Group ID
S	253m NW	Unspecified Heap	1931	1524754
S	255m NW	Unspecified Heap	1948	1520168
W	270m NW	Unspecified Ground Workings	1948	1536295
W	273m NW	Unspecified Ground Workings	1948	1536295
X	284m S	Railway Sidings	1948	1472008
Y	285m NE	Gas Works	1905	1534198
Y	285m NE	Unspecified Commercial/Industrial	1931	1461193
X	292m S	Railway Sidings	1931	1529840
X	295m S	Railway Sidings	1892	1507380
W	297m NW	Refuse Heap	1931	1436694
Y	299m NE	Boiler Works	1948	1435345
Z	301m NW	Unspecified Ground Workings	1974	1481443
Z	301m NW	Unspecified Ground Workings	1967	1481443
X	303m S	Railway Sidings	1955	1472008
X	304m S	Railway Sidings	1905	1526232
X	307m S	Railway Sidings	1931	1526232
X	307m S	Railway Sidings	1948	1527342
Y	313m NE	Unspecified Commercial/Industrial	1948	1506750
Y	314m NE	Unspecified Works	1992	1501574
Y	314m NE	Unspecified Works	1971	1526146
Y	314m NE	Unspecified Works	1980	1501574
Y	315m NE	Gas Works	1892	1534198
Y	316m NE	Unspecified Commercial/Industrial	1931	1461193
Y	320m NE	Unspecified Commercial/Industrial	1957	1492409
Z	321m NW	Unspecified Ground Workings	1931	1490407
AC	384m NE	Unspecified Commercial/Industrial	1992	1512060
AC	384m NE	Unspecified Works	1971	1438265
AC	384m NE	Railway Sidings	1971	1498050



ID	Location	Land Use	Date	Group ID
AC	391m NE	Railway Sidings	1892	1502651
AC	393m NE	Railway Sidings	1905	1521857
AC	393m NE	Railway Sidings	1931	1459157
AD	395m NE	Railway Sidings	1981	1505073
AD	395m NE	Railway Sidings	1974	1498050
AD	395m NE	Railway Sidings	1967	1554869
AD	395m NE	Railway Sidings	1955	1522408
Y	396m NE	Unspecified Ground Workings	1992	1414246
AF	401m SE	Unspecified Ground Workings	1931	1414255
AC	408m NE	Railway Sidings	1957	1522408
Y	411m NE	Unspecified Tanks	1948	1557239
Y	411m NE	Unspecified Tanks	1931	1511514
Y	411m NE	Unspecified Tanks	1948	1503110
Y	412m NE	Gasometer	1892	1532084
Y	413m NE	Unspecified Tanks	1931	1481095
Y	414m NE	Gasometer	1905	1532084
Y	418m NE	Unspecified Tank	1992	1513985
Y	418m NE	Unspecified Tank	1971	1513985
Y	418m NE	Unspecified Tank	1957	1513985
Y	418m NE	Unspecified Tank	1980	1513985
AC	419m NE	Railway Sidings	1948	1528485
7	422m N	Unspecified Mills	1892	1419262
AF	423m SE	Unspecified Quarry	1905	1427949
AJ	423m E	Unspecified Mills	1992	1467174
AF	426m SE	Unspecified Heap	1957	1417467
Y	427m NE	Gasometers	1892	1418503
Y	428m NE	Gasometer	1905	1420679
Y	431m NE	Railway Building	1905	1429152



ID	Location	Land Use	Date	Group ID
Y	433m NE	Unspecified Tank	1992	1473466
Y	433m NE	Unspecified Tank	1971	1473466
Y	433m NE	Unspecified Tank	1957	1473466
Y	433m NE	Unspecified Tank	1980	1473466
8	434m NW	Unspecified Ground Workings	1931	1511516
AJ	434m NE	Unspecified Mills	1971	1542563
AJ	434m NE	Unspecified Mills	1980	1542563
AL	445m NE	Boiler Works	1948	1540254
Y	446m NE	Railway Building	1905	1429153
Y	446m NE	Railway Building	1931	1546848
Y	447m NE	Railway Building	1948	1521978
Y	447m NE	Dye Works	1948	1482382
AL	448m NE	Boiler Works	1931	1505058
AL	449m NE	Boiler Works	1948	1540254
Y	449m NE	Dye Works	1931	1530249
Y	449m NE	Gasometer	1905	1420678
Y	450m NE	Dye Works	1948	1486413
Y	450m NE	Unspecified Mills	1905	1473167
Y	450m NE	Unspecified Disused Mills	1931	1456872
Y	452m NE	Unspecified Mills	1892	1473167
AL	453m NE	Boiler Works	1931	1528568
AM	453m NE	Unspecified Mills	1992	1542563
Y	454m NE	Unspecified Tank	1957	1433524
AM	455m NE	Unspecified Mills	1971	1522264
AM	455m NE	Unspecified Mills	1980	1522264
AD	456m NE	Railway Station	1892	1482797
AL	457m NE	Unspecified Commercial/Industrial	1992	1464218
AL	457m NE	Unspecified Commercial/Industrial	1971	1464218



ID	Location	Land Use	Date	Group ID
AL	457m NE	Unspecified Commercial/Industrial	1957	1464218
AL	457m NE	Unspecified Commercial/Industrial	1980	1464218
AD	460m NE	Railway Building	1955	1429154
AO	464m NE	Railway Sidings	1948	1504497
AD	465m NE	Railway Station	1948	1471201
AD	466m NE	Railway Station	1948	1471201
AD	466m NE	Railway Station	1905	1502303
AD	466m NE	Railway Station	1931	1502303
AD	467m NE	Railway Station	1931	1483351
AO	469m NE	Railway Sidings	1931	1473776
AD	470m NE	Railway Station	1955	1550662
AD	472m NE	Railway Station	1974	1546530
AD	472m NE	Radar Station	1967	1448410
AD	472m NE	Railway Station	1988	1495628
AD	472m NE	Railway Station	1981	1495628
AR	491m SW	Unspecified Mills	1948	1492109
AR	492m SW	Unspecified Mills	1931	1490037
AR	493m SW	Unspecified Mills	1948	1511783
AR	494m SW	Unspecified Mills	1988	1496079
AR	494m SW	Unspecified Mills	1981	1496079
AR	494m SW	Unspecified Mills	1974	1496079
AR	494m SW	Unspecified Mills	1967	1496079
AR	494m SW	Unspecified Mills	1955	1496079
9	499m S	Cuttings	1892	1458973

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

193

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 28**

ID	Location	Land Use	Date	Group ID
A	On site	Settling Tanks	1955	233679
A	On site	Septic Tanks	1955	248534
A	On site	Septic Tanks	1966	248534
A	On site	Settling Tanks	1966	233679
A	On site	Septic Tank	1955	229965
A	On site	Settling Tanks	1922	238929
A	On site	Septic Tanks	1922	243098
A	On site	Settling Tanks	1933	238929
A	On site	Septic Tanks	1933	243098
A	On site	Septic Tanks	1938	243098
A	On site	Settling Tanks	1938	238929
C	On site	Tanks	1907	230650
A	21m NE	Settling Tank	1974	243090
A	21m NE	Settling Tank	1955	243090
F	32m NW	Unspecified Tank	1991	246308
F	32m NW	Unspecified Tank	1991	246308
F	32m NW	Unspecified Tank	1991	246308
F	33m NW	Unspecified Tank	1974	246308
F	33m NW	Unspecified Tank	1995	246308
F	33m NW	Unspecified Tank	1955	236920
F	33m NW	Unspecified Tank	1966	236920
F	33m NW	Unspecified Tank	1955	240869
A	35m N	Tanks	1955	234813



ID	Location	Land Use	Date	Group ID
A	35m N	Tanks	1966	234813
A	36m N	Tanks	1974	234813
A	36m N	Tanks	1955	234813
A	38m N	Humus Tanks	1933	240991
A	38m N	Humus Tanks	1938	240991
A	48m N	Tanks	1922	234165
A	48m N	Tanks	1933	234165
A	48m N	Tanks	1938	234165
A	48m N	Tanks	1955	246013
A	48m N	Tanks	1955	241070
A	48m N	Tanks	1966	241070
A	53m NE	Unspecified Tank	1955	240710
A	53m NE	Unspecified Tank	1955	240710
A	53m NE	Unspecified Tank	1966	240710
A	73m NE	Humus Tanks	1933	245797
A	73m NE	Humus Tanks	1938	245797
A	79m NE	Humus Tank	1955	241014
A	79m NE	Humus Tank	1955	241014
A	79m NE	Humus Tank	1966	241014
B	91m SW	Tanks	1922	248259
B	91m SW	Tanks	1933	248259
B	91m SW	Tanks	1938	248259
B	109m SW	Unspecified Tank	1995	223840
H	115m N	Unspecified Tank	1894	223834
B	131m SW	Tanks	1922	249790
B	131m SW	Tanks	1933	249790
B	131m SW	Tanks	1938	249790
J	135m NE	Tanks	1922	235156

ID	Location	Land Use	Date	Group ID
J	135m NE	Tanks	1933	235156
J	135m NE	Tanks	1938	235156
B	138m S	Unspecified Tank	1991	245737
B	138m S	Unspecified Tank	1991	245737
B	138m S	Unspecified Tank	1991	245737
B	139m S	Unspecified Tank	1955	244951
B	139m S	Unspecified Tank	1966	233747
B	139m S	Unspecified Tank	1974	238220
B	139m S	Unspecified Tank	1955	238595
B	139m S	Unspecified Tank	1995	245737
B	140m S	Tanks	1956	238435
B	141m S	Tanks	1954	248860
B	141m S	Tanks	1982	248860
B	149m S	Unspecified Tank	1933	248406
B	149m S	Unspecified Tank	1938	248406
J	160m NE	Tanks	1922	241950
J	160m NE	Tanks	1933	241950
J	160m NE	Tanks	1938	241950
J	160m NE	Tanks	1907	234988
J	165m NE	Tanks	1922	230652
L	169m W	Unspecified Tank	1907	223831
B	171m SW	Tanks	1907	230637
B	176m S	Tanks	1982	235052
B	178m S	Tanks	1956	235260
B	178m S	Tanks	1954	235260
B	181m SW	Unspecified Tank	1907	223833
L	182m W	Unspecified Tank	1907	223832
B	183m SW	Unspecified Tank	1982	237029



ID	Location	Land Use	Date	Group ID
B	184m SW	Unspecified Tank	1956	233886
B	184m SW	Unspecified Tank	1954	233886
B	222m SW	Unspecified Tank	1954	242090
B	222m SW	Unspecified Tank	1956	242090
N	226m SW	Unspecified Tank	1922	243230
N	226m SW	Unspecified Tank	1933	243230
N	226m SW	Unspecified Tank	1938	243230
B	229m S	Unspecified Tank	1922	238103
B	229m S	Unspecified Tank	1933	238103
B	229m S	Unspecified Tank	1938	238103
M	233m N	Unspecified Tank	1907	243457
M	233m N	Tanks	1922	243816
M	233m N	Tanks	1933	243816
M	233m N	Unspecified Tank	1938	243457
T	234m NE	Unspecified Tank	1894	223843
U	234m SW	Tanks	1922	230638
U	241m SW	Tanks	1922	230639
M	242m N	Unspecified Tank	1907	239205
V	250m NE	Gas Works	1894	245782
T	255m NE	Unspecified Tank	1933	236209
T	255m NE	Unspecified Tank	1938	236209
T	260m NE	Unspecified Tank	1922	236209
T	274m NE	Unspecified Tank	1955	239328
T	274m NE	Unspecified Tank	1966	239328
T	274m NE	Unspecified Tank	1955	239328
T	277m NE	Tanks	1907	230651
Y	293m NE	Gas Works	1893	245782
Y	306m NE	Gas Works	1966	245226



ID	Location	Land Use	Date	Group ID
Y	316m NE	Gas Works	1955	245782
Y	316m NE	Gas Works	1956	245226
Y	316m NE	Gas Works	-	222666
Y	316m NE	Gas Works	-	222804
V	320m NE	Gas Works	1955	243575
V	320m NE	Gas Works	1955	245782
T	322m NE	Unspecified Tank	1907	223855
T	322m NE	Tanks	1922	242128
T	322m NE	Tanks	1933	242128
T	322m NE	Tanks	1938	242128
V	323m NE	Unspecified Tank	1987	241197
V	323m NE	Unspecified Tank	1893	241197
T	340m NE	Unspecified Tank	1922	223856
T	340m N	Unspecified Tank	1894	223857
Y	386m NE	Unspecified Tank	1955	237007
Y	386m NE	Unspecified Tank	1966	237007
Y	386m NE	Unspecified Tank	1956	237007
Y	386m NE	Unspecified Tank	-	222748
Y	386m NE	Unspecified Tank	-	222503
Y	391m NE	Gas Depot	1987	233343
Y	391m NE	Unspecified Tank	1955	246770
Y	392m NE	Unspecified Tank	1966	233504
Y	392m NE	Unspecified Tank	1956	233504
Y	392m NE	Unspecified Tank	-	222664
Y	392m NE	Unspecified Tank	-	222801
Y	402m NE	Gasholder Station	1968	230062
Y	413m NE	Gasometer	1893	234113
Y	413m NE	Gasometer	1907	234113



ID	Location	Land Use	Date	Group ID
Y	413m NE	Gasometer	1922	234113
Y	413m NE	Unspecified Tank	1933	249520
Y	413m NE	Unspecified Tank	1938	249520
AI	415m S	Tanks	1907	235847
AI	415m S	Tanks	1922	235847
AI	415m S	Tanks	1933	235847
AI	415m S	Tanks	1938	235847
Y	419m NE	Unspecified Tank	1955	242643
Y	419m NE	Unspecified Tank	1966	242643
Y	419m NE	Unspecified Tank	1956	242643
Y	420m NE	Gasholder	1968	230027
Y	420m NE	Gasometers	1955	237418
Y	420m NE	Unspecified Tank	-	222586
Y	420m NE	Unspecified Tank	-	222589
AE	420m SW	Tanks	1933	236322
AE	420m SW	Tanks	1938	236322
Y	420m NE	Gasometer	1966	235379
Y	420m NE	Gasometer	1956	235379
Y	421m NE	Gasometers	-	222587
Y	421m NE	Gasometers	-	222753
Y	427m NE	Gasometers	1893	240445
Y	427m NE	Gasometers	1907	240445
Y	427m NE	Gasometers	1922	240445
Y	427m NE	Tanks	1933	234085
Y	427m NE	Tanks	1938	234085
Y	434m NE	Gasometer	1987	247585
AK	434m NW	Unspecified Tank	1994	238024
AK	434m NW	Unspecified Tank	1995	242615



ID	Location	Land Use	Date	Group ID
AK	434m NW	Unspecified Tank	1972	243773
Y	434m NE	Gasometer	1966	246677
Y	434m NE	Gasometer	1956	246677
Y	434m NE	Gasholder	1968	230028
AK	436m NW	Unspecified Tank	1985	243795
AE	446m SW	Unspecified Tank	1894	223822
Y	450m NE	Unspecified Tank	1907	223854
AE	451m SW	Tanks	1907	230646
AE	452m SW	Unspecified Tank	1894	223823
Y	454m NE	Gasometer	1966	247271
Y	454m NE	Gasometer	1956	247271
AE	457m SW	Tanks	1907	230647
AN	457m NE	Unspecified Tank	1985	247772
AN	458m NE	Unspecified Tank	1992	247772
AN	458m NE	Unspecified Tank	1972	247772
Y	476m NE	Unspecified Tank	1955	240123
Y	476m NE	Unspecified Tank	1966	238252
Y	476m NE	Unspecified Tank	1956	235544
Y	477m NE	Unspecified Tank	-	222750
Y	477m NE	Unspecified Tank	-	222534
Y	479m NE	Unspecified Tank	1955	235503
Y	479m NE	Unspecified Tank	1966	235503
Y	479m NE	Unspecified Tank	1956	235503
Y	481m NE	Unspecified Tank	-	222749
Y	481m NE	Unspecified Tank	-	222669
Y	494m NE	Unspecified Tank	1893	223844
Y	499m NE	Unspecified Tank	1968	238110
Y	499m NE	Unspecified Tank	1955	238110



ID	Location	Land Use	Date	Group ID
Y	500m NE	Unspecified Tank	1966	238110
Y	500m NE	Unspecified Tank	1956	238110

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

128

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 28**

ID	Location	Land Use	Date	Group ID
E	17m SW	Electricity Substation	1955	135759
E	17m SW	Electricity Substation	1955	135759
B	60m SW	Electricity Substation	1991	138793
B	60m SW	Electricity Substation	1991	138793
B	60m SW	Electricity Substation	1991	138793
B	61m SW	Electricity Substation	1995	138793
B	61m SW	Electricity Substation	1974	138793
H	90m N	Electricity Substation	1955	139731
H	90m N	Electricity Substation	1974	139731
H	90m N	Electricity Substation	1955	139731
L	143m W	Electricity Substation	1992	137813
L	143m W	Electricity Substation	1996	137813
M	146m N	Electricity Substation	1991	143191
M	146m N	Electricity Substation	1991	143191
M	146m N	Electricity Substation	1991	143191
B	146m SW	Electricity Substation	1955	146941
B	146m SW	Electricity Substation	1974	146941
B	146m SW	Electricity Substation	1955	146941



ID	Location	Land Use	Date	Group ID
B	146m SW	Electricity Substation	1991	146941
B	146m SW	Electricity Substation	1991	146941
B	146m SW	Electricity Substation	1991	146941
B	147m SW	Electricity Substation	1995	143933
M	148m N	Electricity Substation	1995	141346
M	148m N	Electricity Substation	1974	141346
L	162m W	Electricity Substation	1969	134694
L	163m W	Electricity Substation	1968	134694
L	163m W	Electricity Substation	1992	134694
O	163m N	Electricity Transformer Station	1991	136122
O	163m N	Electricity Transformer Station	1991	136122
O	163m N	Electricity Transformer Station	1991	136122
O	164m N	Electricity Transformer Station	1974	136122
O	164m N	Electricity Substation	1995	129173
L	164m W	Electricity Substation	1955	134694
L	165m W	Electricity Substation	1955	134694
L	165m W	Electricity Substation	1996	134694
R	180m E	Electricity Substation	1995	134180
R	181m E	Electricity Substation	1991	133079
R	181m E	Electricity Substation	1991	133080
R	181m E	Electricity Substation	1991	133081
R	182m E	Electricity Substation	1974	132758
K	185m NE	Electricity Substation	1991	142182
K	185m NE	Electricity Substation	1991	142182
K	185m NE	Electricity Substation	1991	142182
K	186m NE	Electricity Substation	1995	142182
K	186m NE	Electricity Substation	1955	142182
K	187m NE	Electricity Substation	1955	142182

ID	Location	Land Use	Date	Group ID
K	187m NE	Electricity Substation	1974	142182
M	199m N	Electricity Substation	1955	134430
M	199m N	Electricity Substation	1955	134430
B	224m SW	Electricity Substation	1954	139005
B	224m SW	Electricity Substation	1956	139005
V	250m NE	Gas Works	1894	144828
V	250m NE	Corporation Gas Works	1907	139998
V	259m NE	Corporation Gas Works	1922	139998
Y	292m NE	Corporation Gas Works	1907	139998
Y	292m NE	Corporation Gas Works	1922	139998
Y	293m NE	Gas Works	1893	144828
Y	306m NE	Gas Works	1966	144828
Y	316m NE	Gas Works	1955	144828
Y	316m NE	Gas Works	1956	144828
Y	316m NE	Gas Works	-	128670
Y	316m NE	Gas Works	-	128832
V	320m NE	Gas Works	1955	144526
V	320m NE	Gas Works	1955	144828
T	359m NE	Electricity Substation	1980	140219
T	359m NE	Electricity Substation	1981	140219
T	359m NE	Electricity Substation	1955	140219
T	359m NE	Electricity Substation	1974	140219
T	359m NE	Electricity Substation	1955	140219
T	367m NE	Electricity Substation	1995	144119
T	367m NE	Electricity Substation	1997	144119
T	367m NE	Electricity Substation	1995	144119
AA	377m E	Electricity Substation	1992	140298
AA	377m E	Electricity Substation	1996	140298



ID	Location	Land Use	Date	Group ID
AB	378m SW	Electricity Substation	1974	134874
AB	378m SW	Electricity Substation	1968	134874
AB	379m SW	Electricity Substation	1983	134874
AB	379m SW	Electricity Substation	1994	134874
AA	380m E	Electricity Substation	1985	145238
AA	382m E	Electricity Substation	1972	145238
AA	384m E	Electricity Substation	1955	145238
AA	385m E	Electricity Substation	-	128750
AA	385m E	Electricity Substation	1956	145238
Y	391m NE	Gas Depot	1987	132039
T	399m N	Electricity Substation	1995	140281
T	399m N	Electricity Substation	1997	140281
T	399m N	Electricity Substation	1995	140281
T	400m N	Electricity Substation	1980	140281
T	400m N	Electricity Substation	1981	140281
T	400m N	Electricity Substation	1955	140281
T	400m N	Electricity Substation	1974	140281
T	400m N	Electricity Substation	1955	140281
Y	402m NE	Gasholder Station	1968	131770
AG	406m W	Electricity Substation	1969	129171
AG	406m W	Electricity Substation	1968	146391
AG	406m W	Electricity Substation	1992	146391
Y	413m NE	Gasometer	1893	145636
Y	413m NE	Gasometer	1907	145636
Y	413m NE	Gasometer	1922	145636
AG	414m W	Electricity Substation	1996	129172
Y	420m NE	Gasholder	1968	131735
Y	420m NE	Gasometers	1955	134729



ID	Location	Land Use	Date	Group ID
Y	420m NE	Gasometer	1966	139887
Y	420m NE	Gasometer	1956	139887
Y	421m NE	Gasometers	-	128669
Y	421m NE	Gasometers	-	128831
Y	427m NE	Gasometers	1893	140414
Y	427m NE	Gasometers	1907	140414
Y	427m NE	Gasometers	1922	140414
AE	428m SW	Electricity Substation	1983	145440
AE	428m SW	Electricity Substation	1994	142194
AE	430m SW	Electricity Substation	1974	146065
Y	434m NE	Gasometer	1987	136285
Y	434m NE	Gasometer	1966	142746
Y	434m NE	Gasometer	1956	142746
Y	434m NE	Gasholder	1968	131736
AE	438m SW	Electricity Substation	1955	136978
AE	438m SW	Electricity Substation	1974	136978
AE	438m SW	Electricity Substation	1968	136978
AE	439m SW	Electricity Substation	1983	136978
AE	439m SW	Electricity Substation	1994	135285
AE	441m SW	Electricity Substation	1956	129118
Y	454m NE	Gasometer	1966	146657
Y	454m NE	Gasometer	1956	146657
AP	464m E	Electricity Substation	1985	140118
AP	465m E	Electricity Substation	1972	139954
AP	466m E	Electricity Substation	1996	140118
AP	466m E	Electricity Substation	1992	140118

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

51

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 28**

ID	Location	Land Use	Date	Group ID
D	On site	Garage	1995	41112
B	36m SW	Garage	1995	42144
B	41m SW	Garage	1991	45539
B	41m SW	Garage	1991	45539
B	41m SW	Garage	1974	43623
B	56m SW	Garage	1991	44400
B	56m SW	Garage	1991	44400
B	56m SW	Garage	1991	44400
B	57m SW	Garage	1974	44400
B	74m SW	Garage	1995	42476
B	74m SW	Garage	1991	45896
B	74m SW	Garage	1991	45896
B	74m SW	Garage	1991	45896
B	74m SW	Garage	1974	45896
H	78m NW	Garage	1995	41110
B	106m S	Garage	1955	46941



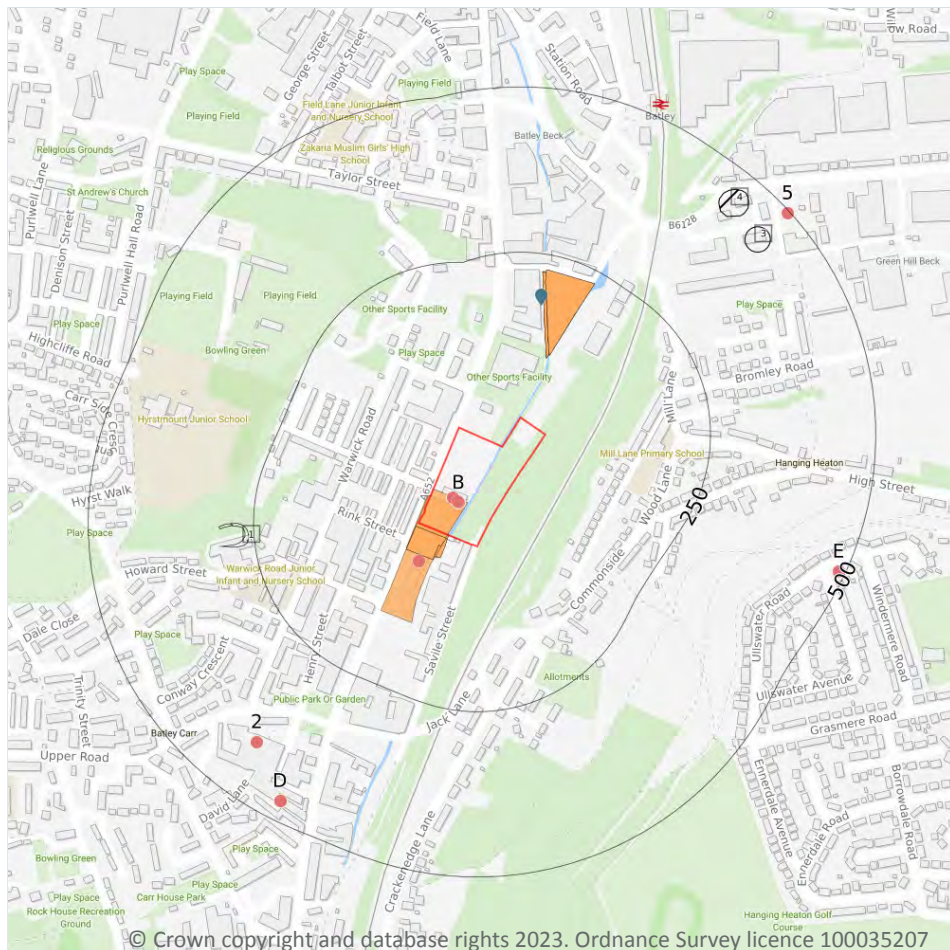
ID	Location	Land Use	Date	Group ID
B	106m S	Garage	1955	46941
B	106m S	Garage	1966	46941
M	135m NE	Garage	1995	45359
M	136m NE	Garage	1974	43898
M	136m NE	Garage	1991	45359
M	136m NE	Garage	1991	45359
M	136m NE	Garage	1991	45359
M	183m N	Garage	1974	44125
M	183m N	Garage	1997	46385
M	183m N	Garage	1995	46385
M	183m N	Garage	1995	46385
M	183m N	Garage	1980	46169
M	183m N	Garage	1981	46169
T	233m N	Garage	1995	42348
T	233m N	Garage	1980	45420
T	233m N	Garage	1981	45420
6	263m S	Garage	1982	41111
T	266m N	Garage	1997	45787
T	266m N	Garage	1995	45787
T	298m N	Garage	1974	43266
T	353m N	Garage	1980	45366
T	353m N	Garage	1981	45366
AE	400m SW	Garage	1955	45331
AE	400m SW	Garage	1968	45331
AE	400m SW	Garage	1956	45331
AH	408m N	Garage	1955	46474
AH	408m N	Garage	1966	46474
AH	408m N	Garage	1955	46474

ID	Location	Land Use	Date	Group ID
AH	408m N	Garage	1974	46474
AQ	475m SW	Garage	1955	46610
AQ	475m SW	Garage	1974	46610
AQ	475m SW	Garage	1968	46610
AQ	478m SW	Garage	1983	42935
AQ	479m SW	Garage	1956	45099
AQ	479m SW	Garage	1994	45099

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

1

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

Features are displayed on the Waste and landfill map on **page 52**

ID	Location	Site address	Source	Data type
1	258m W	Refuse Tip	1968 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

2

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 52**

ID	Location	Details		
3	417m NE	Site Address: Batley Holder Station No 2, Batley Holder Station, Grange Road, Batley Licence Holder Address: New York Road, Leeds	Waste Licence: Yes Site Reference: 4700/0290 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 09/11/1981 Licence Surrender: 30/04/1994	Operator: - Licence Holder: North East Gas First Recorded 31/12/1981 Last Recorded: 31/12/1990
4	429m NE	Site Address: Batley Holder Station No 1, Grange Road, Batley Licence Holder Address: New York Road, Leeds	Waste Licence: Yes Site Reference: 4700/0244, 645 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 23/12/1987 Licence Surrender: 30/04/1994	Operator: - Licence Holder: British Gas Plc North Eastern First Recorded 31/12/1987 Last Recorded: 31/12/1992

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

3.5 Historical waste sites

Records within 500m

13

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 52**

ID	Location	Address	Further Details	Date
A	On site	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1955
A	On site	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1962
A	On site	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1955
A	On site	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1907
A	On site	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1922
A	5m SW	Site Address: N/A	Type of Site: Waste Mill Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1933
A	5m SW	Site Address: N/A	Type of Site: Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1938



ID	Location	Address	Further Details	Date
C	98m NE	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1922
C	98m NE	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1933
C	98m NE	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1938
C	103m NE	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1955
C	104m NE	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1955
C	104m NE	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1962

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

3.6 Licensed waste sites

Records within 500m	1
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 52**



ID	Location	Details		
C	185m N	Site Name: Batley Car Spares Site Address: Union Mills, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FIN001 EPR reference: EA/EPR/KP3195ZZ/A001 Operator: Finnemore Alan Waste Management licence No: 61027 Annual Tonnage: 4999	Issue Date: 18/03/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered

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

3.7 Waste exemptions

Records within 500m	17
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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 52**

ID	Location	Site	Reference	Category	Sub-Category	Description
B	On site	Ings Mill, 226, Bradford Road, Batley, WF17 6JD	WEX190644	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	On site	Ings Mill, 226, Bradford Road, Batley, WF17 6JD	WEX190644	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
B	On site	Ings Mill, 226, Bradford Road, Batley, WF17 6JD	WEX190644	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	On site	Ings Mill, Ings Mill, 226 Bradford Road, Batley, WF17 6JD	WEX033098	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	On site	Ings Mill, Ings Mill, 226 Bradford Road, Batley, WF17 6JD	WEX033098	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	On site	Ings Mill, Ings Mill, 226 Bradford Road, Batley, WF17 6JD	WEX033098	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)

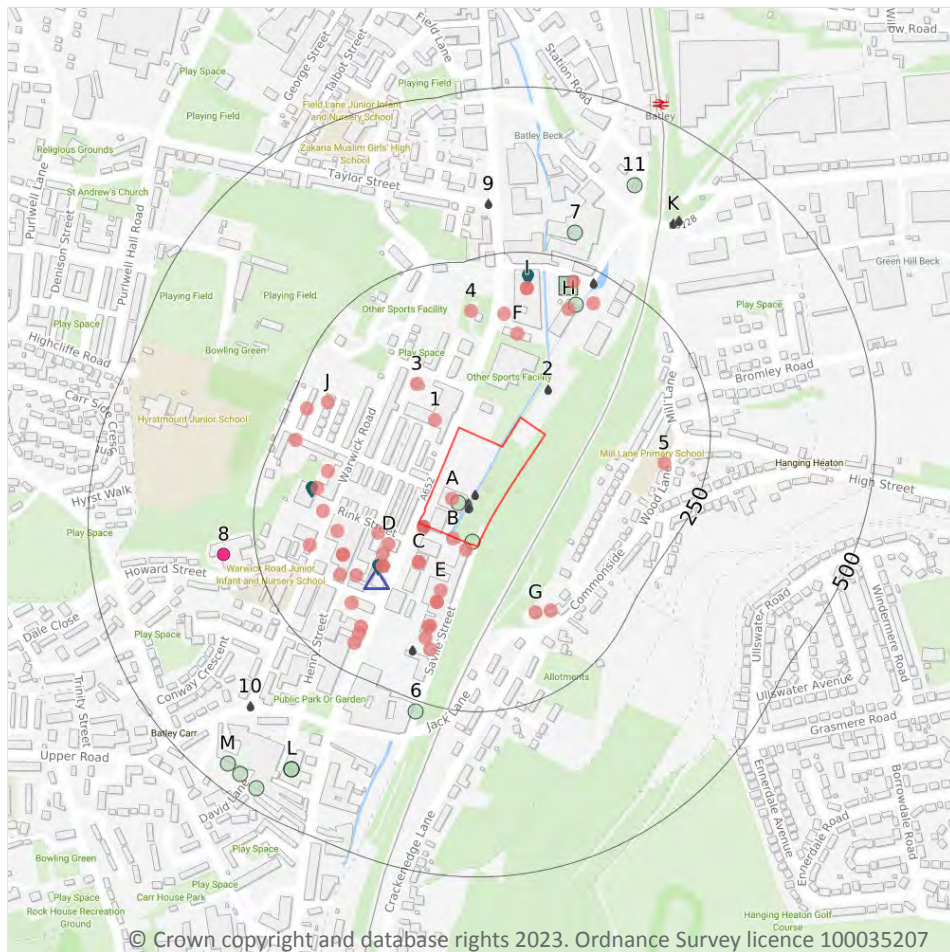


ID	Location	Site	Reference	Category	Sub-Category	Description
B	On site	INGS MILL BRADFORD RD BATLEY WEST YORKSHIRE WF17 6JD	EPR/SH0976V N/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
A	55m SW	Arrow Waste Management Ltd, 226 Bradford Road, Batley, WF176JD	WEX252988	Storing waste exemption	Not on a farm	Storage of waste in a secure place
2	413m SW	WHEATCROFT MILLS, TOWN STREET, BATLEY CARR, DEWSBURY, WF13 2HG	WEX233827	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	470m SW	201 Bradford Road, Carr Dyke Mills, Dewsbury, WF13 2ET	WEX119930	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	470m SW	201 Bradford Road, Carr Dyke Mills, Dewsbury, WF13 2ET	WEX119930	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	470m SW	201 Bradford Road, Carr Dyke Mills, Dewsbury, WF13 2ET	WEX119930	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
E	490m E	3, ULLSWATER ROAD, DEWSBURY, WF12 7PH	WEX230845	Using waste exemption	Not on a farm	Use of waste in construction
E	490m E	3, ULLSWATER ROAD, DEWSBURY, WF12 7PH	WEX230845	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	490m E	3, ULLSWATER ROAD, DEWSBURY, WF12 7PH	WEX230845	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	490m E	3, ULLSWATER ROAD, DEWSBURY, WF12 7PH	WEX230845	Storing waste exemption	Not on a farm	Storage of waste in a secure place
5	496m NE	GREENHILL MILLS GRANGE ROAD BATLEY WEST YORKSHIRE WF17 6LH	EPR/QF0507K K/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)

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
- Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

48

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 58**

ID	Location	Company	Address	Activity	Category
A	On site	Padgetts Batley Ltd	Padgetts Suzuki and Yamaha Motorbike Centre 234, Bradford Road, Batley, West Yorkshire, WF17 6JD	New Vehicles	Motoring
B	2m SW	Zebs Auto Centre MO T Station	Unit 1 Beckside Works, Bradford Road, Batley, West Yorkshire, WF17 6JD	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
B	3m SW	Hammertons	Rink Garage 230, Bradford Road, Batley, West Yorkshire, WF17 6JD	Secondhand Vehicles	Motoring
B	3m SW	Kia Service Centres	230, Bradford Road, Batley, West Yorkshire, WF17 6JD	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	10m S	Alternate Car Accessories	Unit 2 to 3 Beckside Works, Bradford Road, Batley, West Yorkshire, WF17 6JD	Vehicle Parts and Accessories	Motoring
1	38m NW	Tank	West Yorkshire, WF17	Tanks (Generic)	Industrial Features
C	54m SW	Kawasaki Autorama Ltd	226-226a, Bradford Road, Batley, West Yorkshire, WF17 6JD	New Vehicles	Motoring
C	54m SW	Autocure Motor Factors Ltd	226-226a, Bradford Road, Batley, West Yorkshire, WF17 6JD	Vehicle Parts and Accessories	Motoring
D	55m SW	Impress Printers	241, Bradford Road, Batley, West Yorkshire, WF17 6JQ	Published Goods	Industrial Products
D	64m SW	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
D	71m SW	Amg Engineering Supplies	Amg Engineering and Packaging Solutions 239, Bradford Road, Batley, West Yorkshire, WF17 6JD	Packaging	Industrial Products
E	82m S	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
D	84m SW	Shell	Bradford Road, Batley, West Yorkshire, WF17 6JQ	Petrol and Fuel Stations	Road and Rail
D	84m SW	Mfg Midway	Bradford Road, Batley, West Yorkshire, WF17 6JQ	Vehicle Cleaning Services	Personal, Consumer and Other Services
3	92m NW	Grafton Street Autos	Grafton Street, Batley, West Yorkshire, WF17 6AR	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	100m S	Economy Beds	Unit C Victoria Oil Works, Savile Street, Batley, West Yorkshire, WF17 6JS	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
E	101m S	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
D	124m SW	Transport Packaging Solutions Ltd	Unit 1 Warwick Mills, Howard Street, Batley, West Yorkshire, WF17 6JH	Packaging	Industrial Products



ID	Location	Company	Address	Activity	Category
D	124m SW	Serene Living Ltd	Unit 4, Livingstone Mills, Howard Street, Batley, West Yorkshire, WF17 6JH	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
D	124m W	Mazo Distribution	Livingstone Mills, Howard Street, Batley, West Yorkshire, WF17 6JH	Electrical Components	Industrial Products
D	124m SW	Ottimo Supplies Ltd	Unit 7 Livingstone Mills, Howard Street, Batley, West Yorkshire, WF17 6JH	Colours, Chemicals and Water Softeners and Supplies	Industrial Products
F	127m N	Over Drive M O T Centre	266a, Bradford Road, Batley, West Yorkshire, WF17 6JD	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	133m SE	Bus Depot	West Yorkshire, WF17	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
E	137m S	Tank	West Yorkshire, WF17	Tanks (Generic)	Industrial Features
E	140m S	Tank	West Yorkshire, WF17	Tanks (Generic)	Industrial Features
D	142m SW	Dabhees	Unit 1 Livingstone Mills, Howard Street, Batley, West Yorkshire, WF17 6JH	Lampshades and Lighting	Consumer Products
D	145m W	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
G	147m SE	A Lyles & Son	63, Commonside, Hanging Heaton, Batley, West Yorkshire, WF17 6LA	Vehicle Hire and Rental	Hire Services
D	157m W	Crane	West Yorkshire, WF17	Travelling Cranes and Gantries	Industrial Features
E	157m S	Tank	West Yorkshire, WF17	Tanks (Generic)	Industrial Features
D	158m SW	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
F	159m N	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
D	162m W	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
D	168m W	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
E	171m S	Woodhouse Furniture Ltd	Unit 7, Savile Street, Batley, West Yorkshire, WF17 6JS	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
4	177m N	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
D	180m SW	Beds Direct	233, Bradford Road, Batley, West Yorkshire, WF17 6JL	Beds and Bedding	Consumer Products
H	180m NE	Safeway Coaches Ltd	Savile Mill, Alexandra Road, Batley, West Yorkshire, WF17 6JA	Vehicle Hire and Rental	Hire Services
5	185m E	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
D	189m SW	White Rose Component s Ltd	John Rigby Transport Office 231, Bradford Road, Batley, West Yorkshire, WF17 6JL	Furniture	Consumer Products
I	196m N	Evans Halshaw Batley	Unit 4 268, Bradford Road, Batley, West Yorkshire, WF17 6HT	New Vehicles	Motoring
I	196m N	Premier Beds Ltd	268, Bradford Road, Batley, West Yorkshire, WF17 6JD	Beds and Bedding	Consumer Products
J	199m NW	Mini Travel Executive	8, Walkers Mount, Batley, West Yorkshire, WF17 6AU	Vehicle Hire and Rental	Hire Services
H	205m NE	Industrial Estate	West Yorkshire, WF17	Business Parks and Industrial Estates	Industrial Features
D	205m SW	Pristine Beds Ltd	227, Bradford Road, Batley, West Yorkshire, WF17 6JL	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
H	221m NE	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
J	221m W	Platinum Travel Solutions	31, Upper Mount Street, Batley, West Yorkshire, WF17 6BA	Vehicle Hire and Rental	Hire Services
J	223m NW	Express of Batley	6, Crossley Terrace, Batley, West Yorkshire, WF17 6AX	Vehicle Hire and Rental	Hire Services

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 58**



ID	Location	Company	Address	LPG	Status
D	107m SW	SHELL	237, Bradford Road, Batley, West Yorkshire, WF17 6JQ	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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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
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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
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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**4**

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 58**

ID	Location	Address	Details	
B	4m SW	Dencroft Garages Ltd, 230 Bradford Road, Batley, West Yorkshire, WF17 6JD	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
D	92m SW	Malthurst Retail Ltd, Midway Service Station, 237 Bradford Road, Batley Carr, WF17 6QQ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
D	169m W	Batley Foundry Ltd, Atlas Foundry, Warwick Road, Batley, WF17 6BB	Process: Non-ferrous Metal Foundry Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
I	211m N	Evans Halshaw (Ford), Bradford Road, Batley, WF17 6HT	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

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 58**

ID	Location	Address	Details	
8	299m W	Brooke Edgley Specialist Technical Services Ltd, High Works, Howard Street, Batley, WF17 6AA	Operator: Brooke Edgley Specialist Technical Services Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AX6702 Date of approval: 22/04/1997	Effective from: 22/05/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled

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



4.13 Licensed Discharges to controlled waters

Records within 500m

14

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 58**

ID	Location	Address	Details	
A	On site	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/B/34 Permit Version: 1 Receiving Water: RIVER CALDER	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 31/05/1963 Effective Date: 31/05/1963 Revocation Date: 10/06/1993
A	On site	BATLEY MOUNT STREET CSO, MOUNT STREET, OPPOSITE 2 RING TERRACE, BATLEY, WEST YORKSHIRE, WF17 6BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8819 Permit Version: 1 Receiving Water: BATLEY BECK	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: 07/11/2017
A	On site	BATLEY MOUNT STREET CSO, MOUNT STREET, OPPOSITE 2 RING TERRACE, BATLEY, WEST YORKSHIRE, WF17 6BH	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8819 Permit Version: 2 Receiving Water: BATLEY BECK	Status: VARIED UNDER EPR 2010 Issue date: 08/11/2017 Effective Date: 08/11/2017 Revocation Date: -
A	On site	WARWICK ROAD NO2 CSO, WARWICK ROAD (OPP NO 28A), BATLEY, WEST YORKSHIRE, WF17 6BB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8554 Permit Version: 1 Receiving Water: BATLEY BECK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 16/03/2005 Effective Date: 31/03/2005 Revocation Date: 27/08/2020
A	On site	WARWICK ROAD NO2 CSO, WARWICK ROAD (OPP NO 28A), BATLEY, WEST YORKSHIRE, WF17 6BB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8554 Permit Version: 2 Receiving Water: BATLEY BECK	Status: VARIED UNDER EPR 2010 Issue date: 28/08/2020 Effective Date: 28/08/2020 Revocation Date: -
A	On site	WELL LANE CSO, WELL LANE/BRADFORD ROAD JUNCTION, BATLEY, DEWSBURY, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8530 Permit Version: 1 Receiving Water: BATLEY BECK	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: -



ID	Location	Address	Details	
2	58m NE	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/B/34 Permit Version: 1 Receiving Water: RIVER CALDER	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 31/05/1963 Effective Date: 31/05/1963 Revocation Date: 10/06/1993
E	182m S	VICTORIA OIL WORKS, SAVILLE STREET, BATLEY, WEST YORKS	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: WRA6953 Permit Version: 1 Receiving Water: BATLEY BECK	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 29/09/1993 Effective Date: 29/09/1993 Revocation Date: 01/10/1996
H	231m NE	ALEXANDRA ROAD, BATLEY, NR DEWSBURY, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WADC669 Permit Version: 1 Receiving Water: BATLEY BECK	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 18/09/1989 Effective Date: 18/09/1989 Revocation Date: 31/03/2005
H	231m NE	ALEXANDRA ROAD, BATLEY, NR DEWSBURY, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8674 Permit Version: 1 Receiving Water: BATLEY BECK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/2005 Effective Date: 01/04/2005 Revocation Date: 01/10/2009
9	326m N	YWS UNKNOWN SITES DEFAULT, .	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/B/34 Permit Version: 1 Receiving Water: RIVER CALDER	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 31/05/1963 Effective Date: 31/05/1963 Revocation Date: 10/06/1993
K	372m NE	BATLEY GRANGE ROAD CSO, GRANGE ROAD (REAR OF NO 90), BATLEY, WEST YORKSHIRE, WF17 6LW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2844 Permit Version: 2 Receiving Water: BATLEY BECK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 15/03/2005 Effective Date: 31/03/2005 Revocation Date: 30/03/2018
10	377m SW	WARWICK ROAD/TOWN STREET SSO, BATLEY, DEWSBURY, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WADC1459 Permit Version: 1 Receiving Water: BATLEY BECK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 18/09/1989 Effective Date: 18/09/1989 Revocation Date: 24/03/2004



ID	Location	Address	Details	
K	381m NE	BATLEY GRANGE ROAD CSO, GRANGE ROAD (REAR OF NO 90), BATLEY, WEST YORKSHIRE, WF17 6LW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2844 Permit Version: 3 Receiving Water: GREENHILL DIKE CULVERTED	Status: VARIED UNDER EPR 2010 Issue date: 12/03/2018 Effective Date: 31/03/2018 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
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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
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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
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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
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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 58**

ID	Location	Name	Status	Receiving Water	Authorised Substances
H	213m NE	O'donnell And Stockwell Ltd,batley,wf17 6ja	Not Active	Unknown	Chromium

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

12

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 58**

ID	Location	Details	
A	On site	Incident Date: 06/05/2003 Incident Identification: 156282 Pollutant: Sewage Materials Pollutant Description: Grey Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	On site	Incident Date: 31/01/2002 Incident Identification: 55606 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	190m NE	Incident Date: 12/06/2003 Incident Identification: 165150 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
6	265m S	Incident Date: 04/12/2002 Incident Identification: 124537 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
7	291m N	Incident Date: 12/06/2003 Incident Identification: 165180 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	391m NE	Incident Date: 04/10/2002 Incident Identification: 112485 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)
L	418m SW	Incident Date: 24/03/2003 Incident Identification: 145393 Pollutant: Atmospheric Pollutants and Effects:Atmospheric Pollutants and Effects Pollutant Description: Fumes:Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
L	418m SW	Incident Date: 24/03/2003 Incident Identification: 145393 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
L	418m SW	Incident Date: 24/03/2003 Incident Identification: 145393 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)
M	464m SW	Incident Date: 13/11/2002 Incident Identification: 120586 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)
M	466m SW	Incident Date: 06/01/2005 Incident Identification: 285968 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
M	469m SW	Incident Date: 12/06/2003 Incident Identification: 165325 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)

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

4.19 Pollution inventory substances

Records within 500m	0
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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
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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

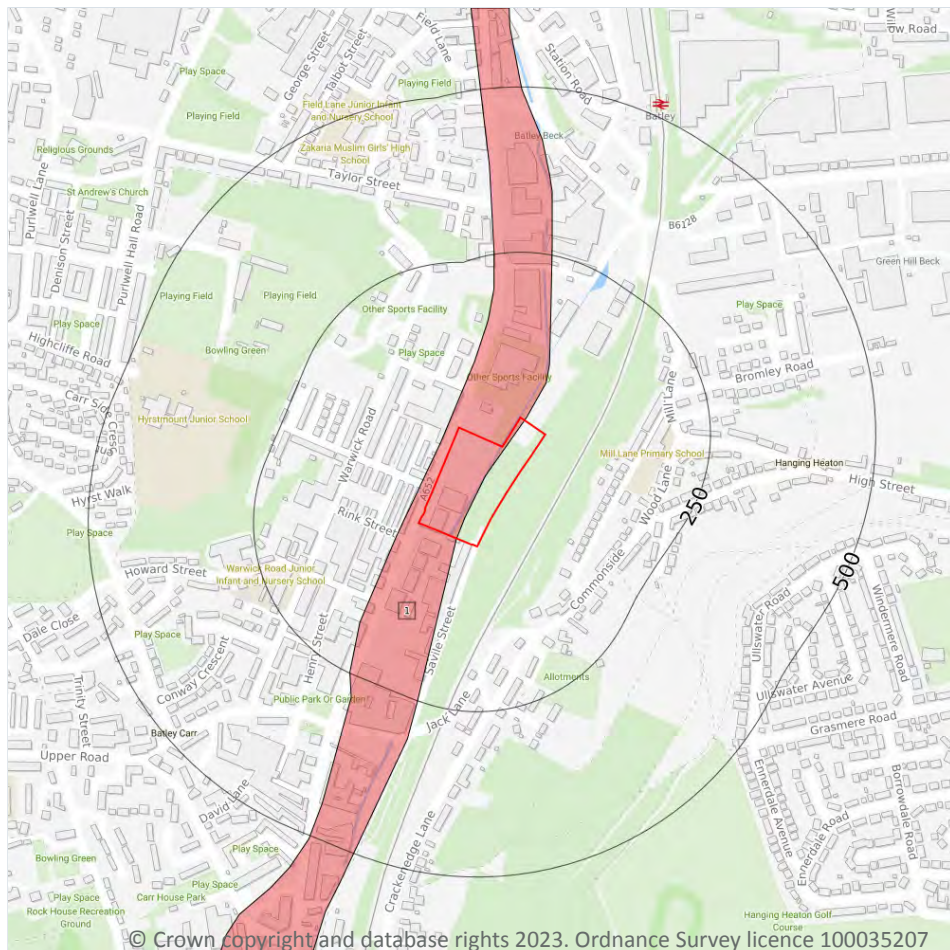
0

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.

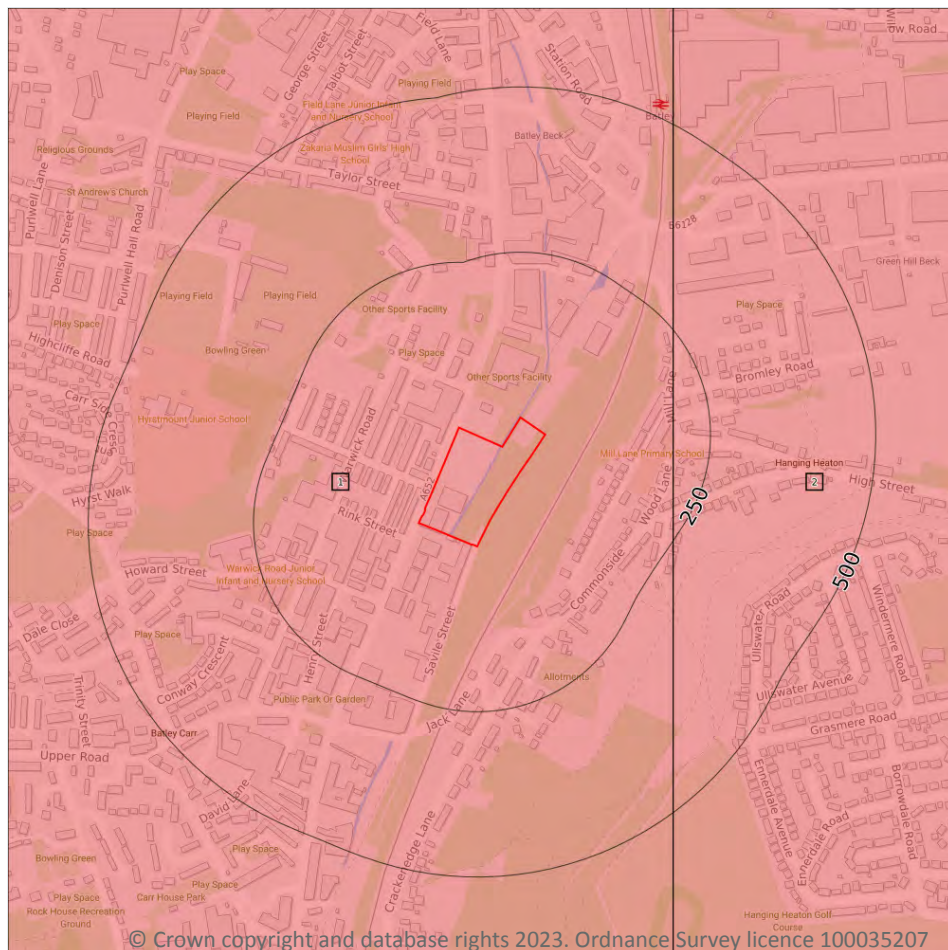
Features are displayed on the Hydrogeology map on **page 71**

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.



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 72**

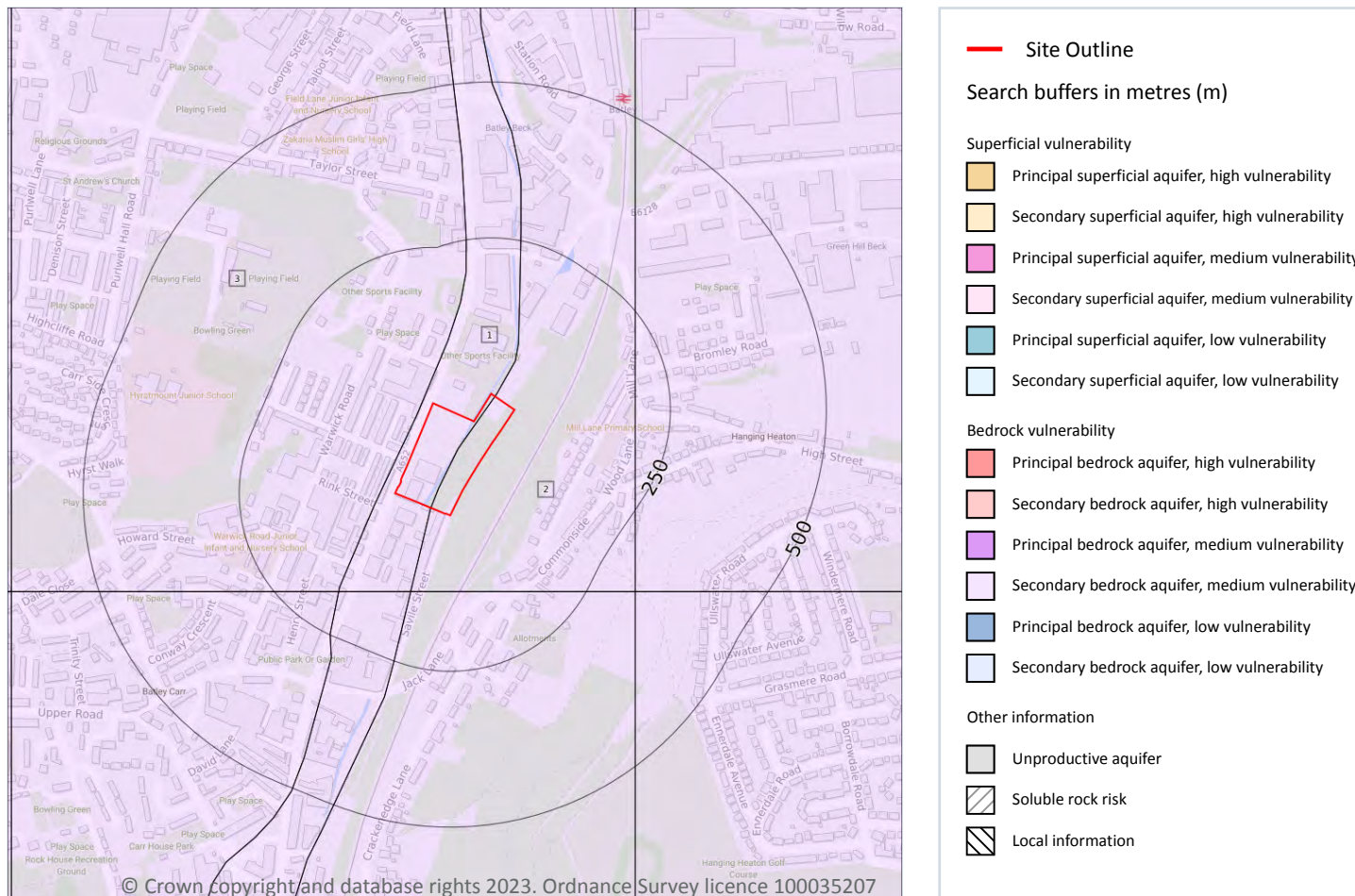
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	194m E	Secondary 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



5.3 Groundwater vulnerability

Records within 50m

3

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 74**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
2	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: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	16m NW	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: 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
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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.

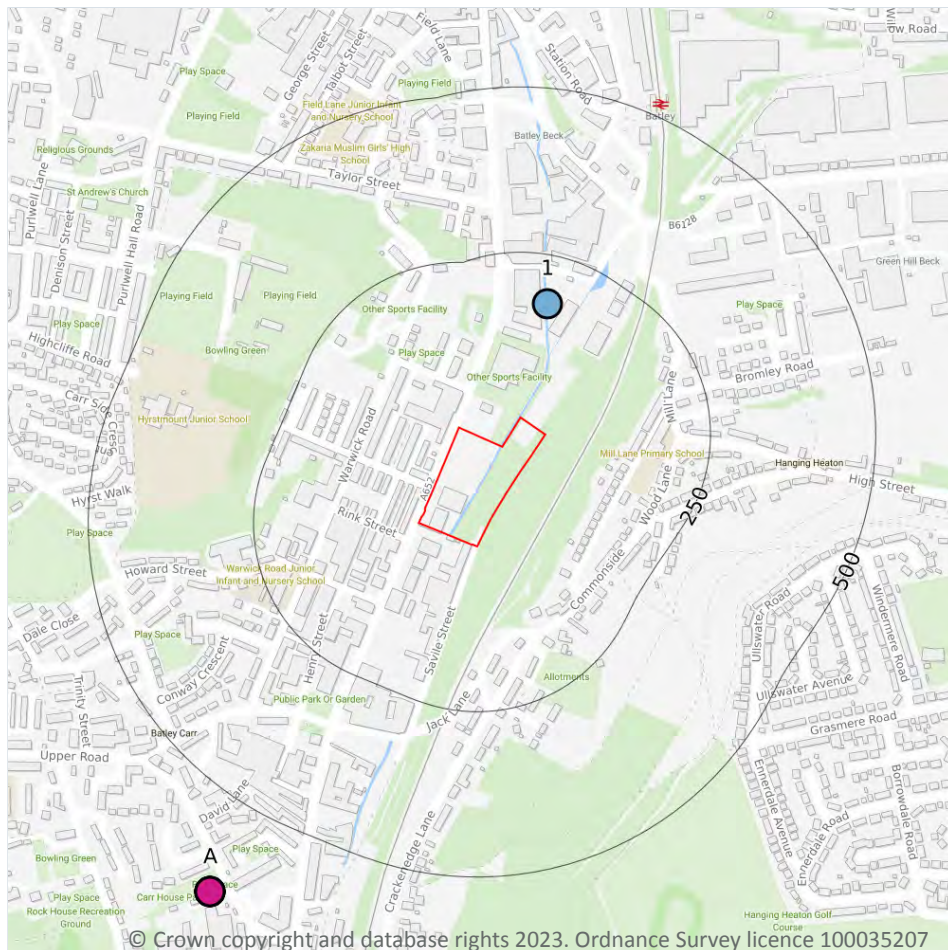
5.5 Groundwater vulnerability- local information

Records on site	0
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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



- 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
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

18

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 76**

ID	Location	Details	
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: Process water Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -

ID	Location	Details	
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -
A	640m SW	Status: Historical Licence No: 2/27/13/046 Details: Process water Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/10/1997 Version End Date: -
-	759m NE	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	759m NE	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -



ID	Location	Details	
-	759m NE	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - BATLEY Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	759m NE	Status: Historical Licence No: 2/27/13/143 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - BATLEY Data Type: Point Name: WHARFEDALE FINANCE CO Easting: 425500 Northing: 423600	Annual Volume (m ³): 227000 Max Daily Volume (m ³): 621.92 Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	1846m S	Status: Historical Licence No: 2/27/13/169 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: THOMAS CHADWICK & SONS LIMITED Easting: 425000 Northing: 421300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/1993 Expiry Date: - Issue No: 100 Version Start Date: 25/04/1997 Version End Date: -
-	1846m S	Status: Active Licence No: 2/27/13/169 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: THOMAS CHADWICK & SONS LTD Easting: 425000 Northing: 421300	Annual Volume (m ³): 140,000 Max Daily Volume (m ³): 576 Original Application No: 6451 Original Start Date: 26/01/1993 Expiry Date: - Issue No: 100 Version Start Date: 25/04/1997 Version End Date: -

ID	Location	Details	
-	1868m W	Status: Historical Licence No: 2/27/13/193 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: THOMAS CARR LIMITED C/O BERNARD KAYE Easting: 422750 Northing: 423260	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/03/1998 Expiry Date: 31/12/2008 Issue No: 100 Version Start Date: 04/03/1998 Version End Date: -
-	1868m W	Status: Historical Licence No: 2/27/13/193 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - STAINCLIFFE DEWSBURY Data Type: Point Name: THOMAS CARR LTD Easting: 422750 Northing: 423260	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/03/1998 Expiry Date: 31/12/2008 Issue No: 100 Version Start Date: 04/03/1998 Version End Date: -
-	1932m S	Status: Historical Licence No: 2/27/13/169 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: THOMAS CHADWICK & SONS LIMITED Easting: 424900 Northing: 421200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/1993 Expiry Date: - Issue No: 100 Version Start Date: 25/04/1997 Version End Date: -
-	1932m S	Status: Active Licence No: 2/27/13/169 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: THOMAS CHADWICK & SONS LTD Easting: 424900 Northing: 421200	Annual Volume (m ³): 140,000 Max Daily Volume (m ³): 576 Original Application No: 6451 Original Start Date: 26/01/1993 Expiry Date: - Issue No: 100 Version Start Date: 25/04/1997 Version End Date: -



ID	Location	Details	
-	1980m W	Status: Historical Licence No: 2/27/13/193 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: THOMAS CARR LIMITED C/O BERNARD KAYE Easting: 422650 Northing: 423400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/03/1998 Expiry Date: 31/12/2008 Issue No: 100 Version Start Date: 04/03/1998 Version End Date: -
-	1980m W	Status: Historical Licence No: 2/27/13/193 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - STAINCLIFFE DEWSBURY Data Type: Point Name: THOMAS CARR LTD Easting: 422650 Northing: 423400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/03/1998 Expiry Date: 31/12/2008 Issue No: 100 Version Start Date: 04/03/1998 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

6

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 76**

ID	Location	Details	
1	177m N	Status: Historical Licence No: 2/27/13/206 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BATLEY BECK Data Type: Point Name: CULLINGWORTH SUMMERS & CO LTD Easting: 424810 Northing: 423490	Annual Volume (m ³): 11500 Max Daily Volume (m ³): 60 Original Application No: - Original Start Date: 21/08/2001 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 23/05/2005 Version End Date: -



ID	Location	Details	
-	1772m S	Status: Historical Licence No: 2/27/13/129 Details: Boiler Feed Direct Source: SURFACE WATER Point: RIVER CALDER Data Type: Point Name: ARONSTEAD LIMITED Easting: 424510 Northing: 421360	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/02/1971 Expiry Date: - Issue No: 100 Version Start Date: 16/03/1978 Version End Date: -
-	1837m S	Status: Historical Licence No: 2/27/13/163 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER CALDER Data Type: Point Name: HENRY DAY & SONS LTD Easting: 424560 Northing: 421290	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 01/06/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/06/1989 Version End Date: -
-	1837m S	Status: Active Licence No: 2/27/13/163 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER CALDER - DEWSBURY Data Type: Point Name: HENRY DAY & SONS LTD Easting: 424560 Northing: 421290	Annual Volume (m ³): 15,000 Max Daily Volume (m ³): 90.92 Original Application No: 6210 Original Start Date: 01/06/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1922m S	Status: Historical Licence No: 2/27/13/191 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER CALDER Data Type: Point Name: CALDER MASONARY Easting: 424700 Northing: 421200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/05/1997 Expiry Date: - Issue No: 100 Version Start Date: 23/05/1997 Version End Date: -



ID	Location	Details	
-	1922m S	Status: Active Licence No: 2/27/13/191 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER CALDER - DEWSBURY X 2 ABSTRACTION POINTS Data Type: Point Name: CALDER MASONARY Easting: 424700 Northing: 421200	Annual Volume (m ³): 9,720 Max Daily Volume (m ³): 36 Original Application No: 6812 Original Start Date: 23/05/1997 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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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.

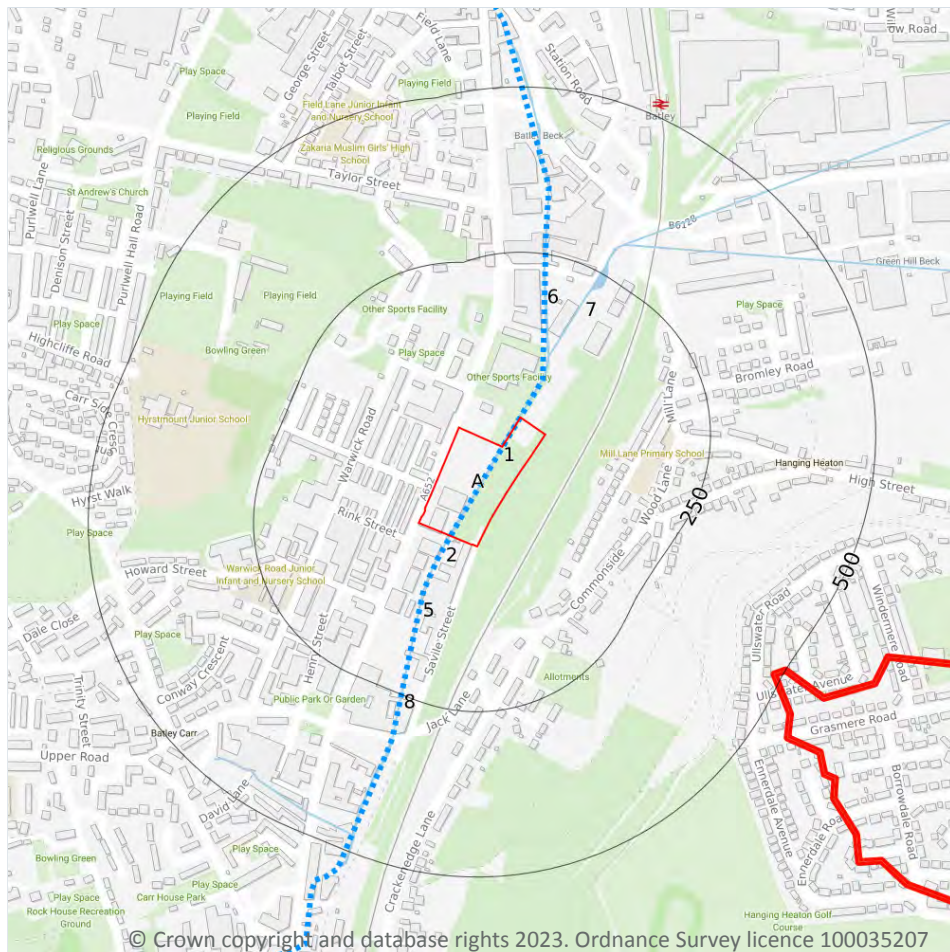
5.10 Source Protection Zones (confined aquifer)

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

6

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 84**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck



ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
5	38m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
6	101m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
7	101m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Green Hill Beck
8	178m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Batley Beck

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	1
----------------------------	----------

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 84**

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 84**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Batley Beck from Source to River Calder	GB104027062670	Calder Lower	Aire and Calder

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 84**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
4	On site	River	Batley Beck from Source to River Calder	GB104027062670	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.

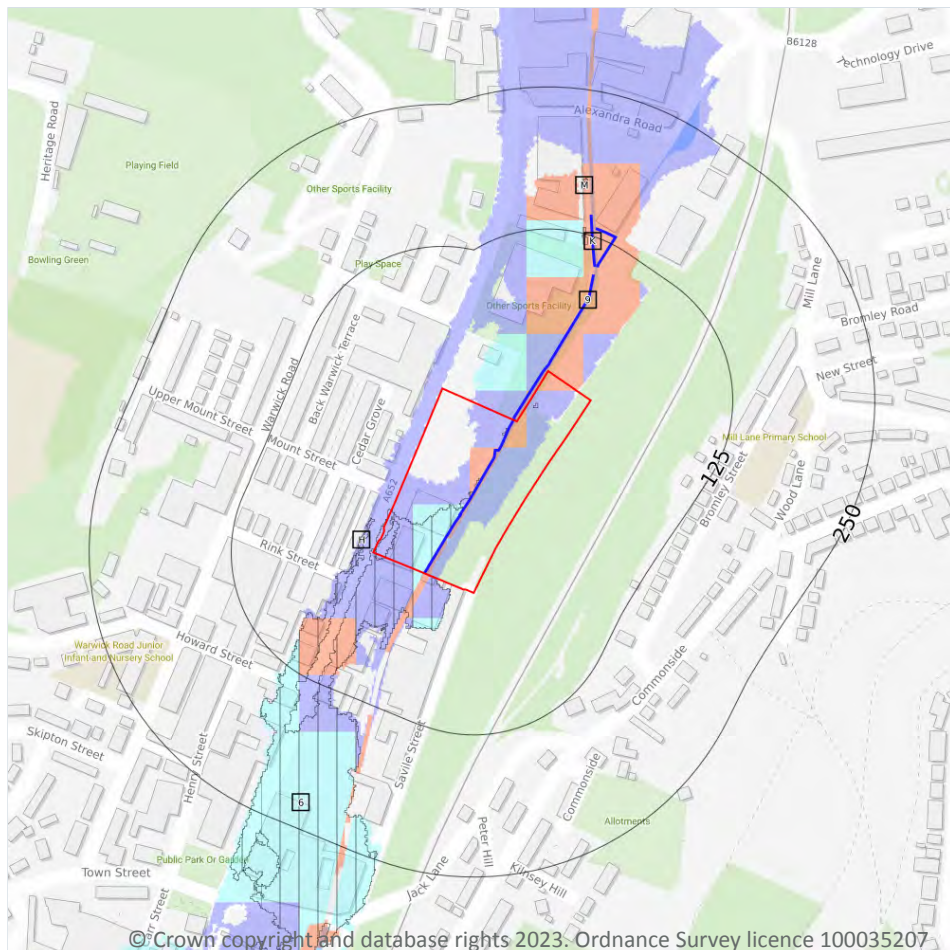
Features are displayed on the Hydrology map on **page 84**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	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



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

25

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).

Features are displayed on the River and coastal flooding map on **page 87**



Distance	Flood risk category
On site	High
0 - 50m	High

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	5
----------------------------	----------

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.

Features are displayed on the River and coastal flooding map on **page 87**

ID	Location	Update
B	On site	08/11/2022
G	1m NE	08/11/2022
9	49m NE	08/11/2022
K	101m NE	08/11/2022
K	101m NE	08/11/2022

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

9

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.

Features are displayed on the River and coastal flooding map on **page 87**

ID	Location	
6	On site	Area benefiting from flood defences
B	On site	Area benefiting from flood defences
B	On site	Area benefiting from flood defences
C	On site	Area benefiting from flood defences
F	On site	Area benefiting from flood defences
H	9m SW	Area benefiting from flood defences
H	10m W	Area benefiting from flood defences
K	116m NE	Area benefiting from flood defences
M	164m N	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

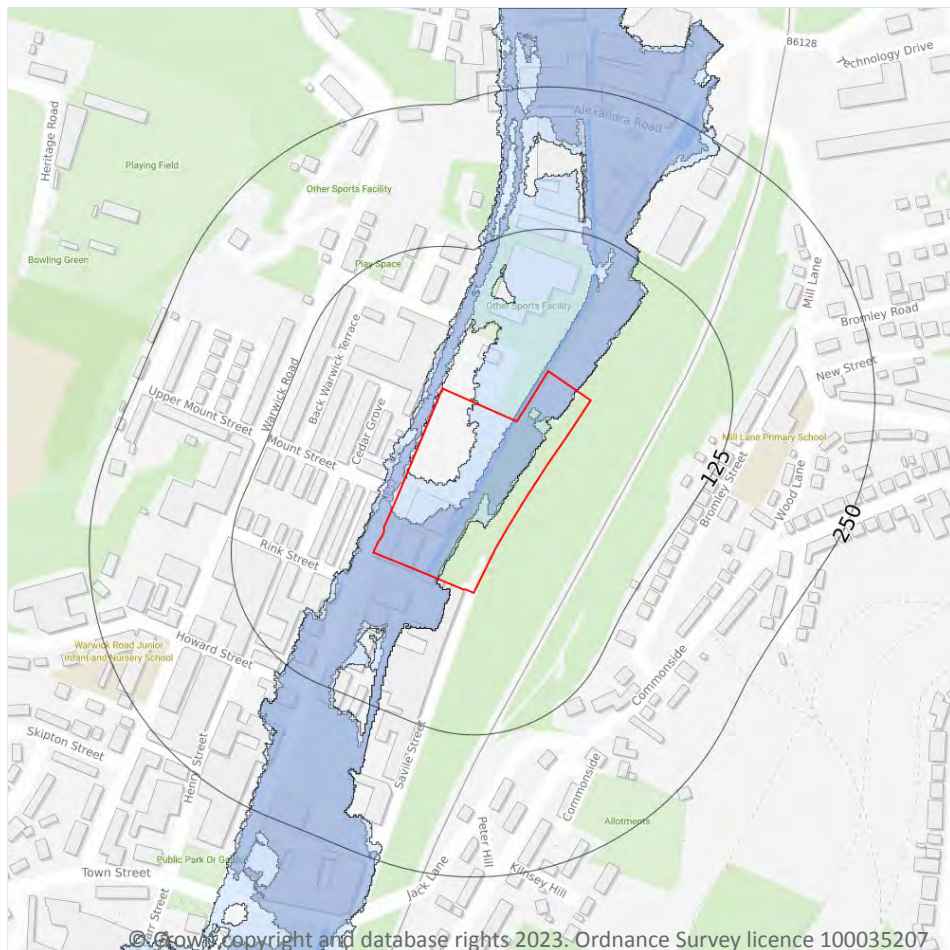
0

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



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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.

Features are displayed on the River and coastal flooding map on **page 87**

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

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.

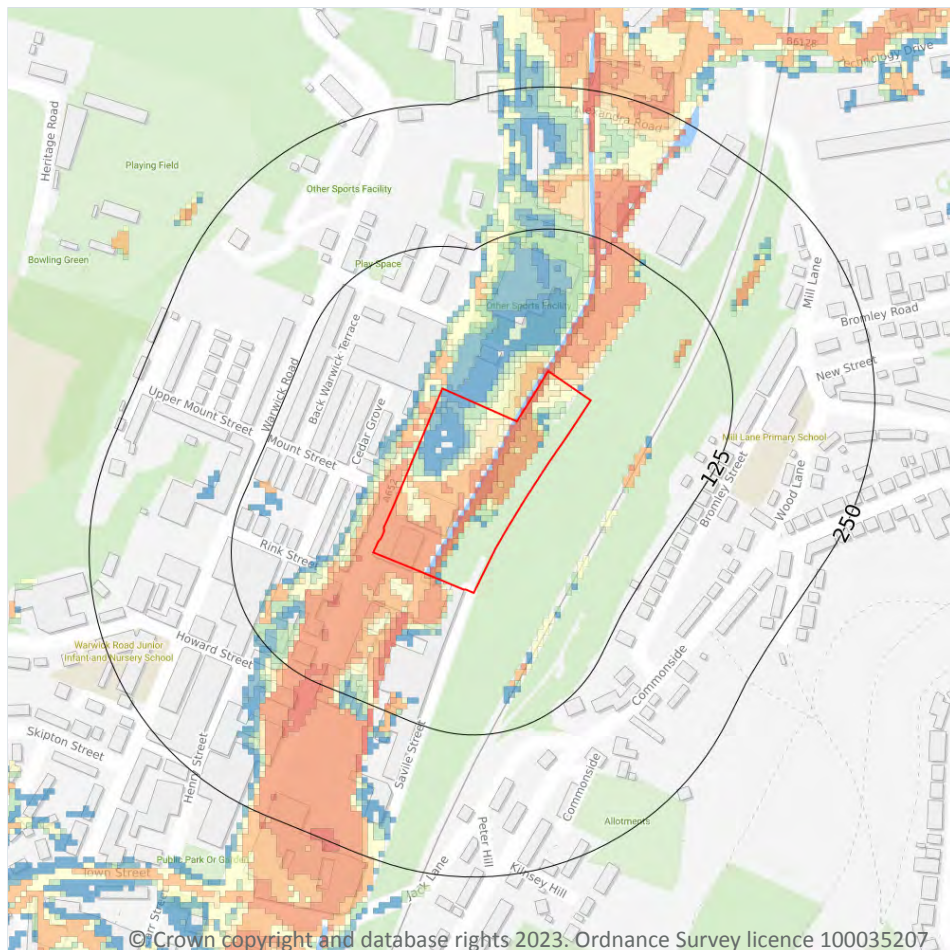
Features are displayed on the River and coastal flooding map on **page 87**

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 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 92**

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.

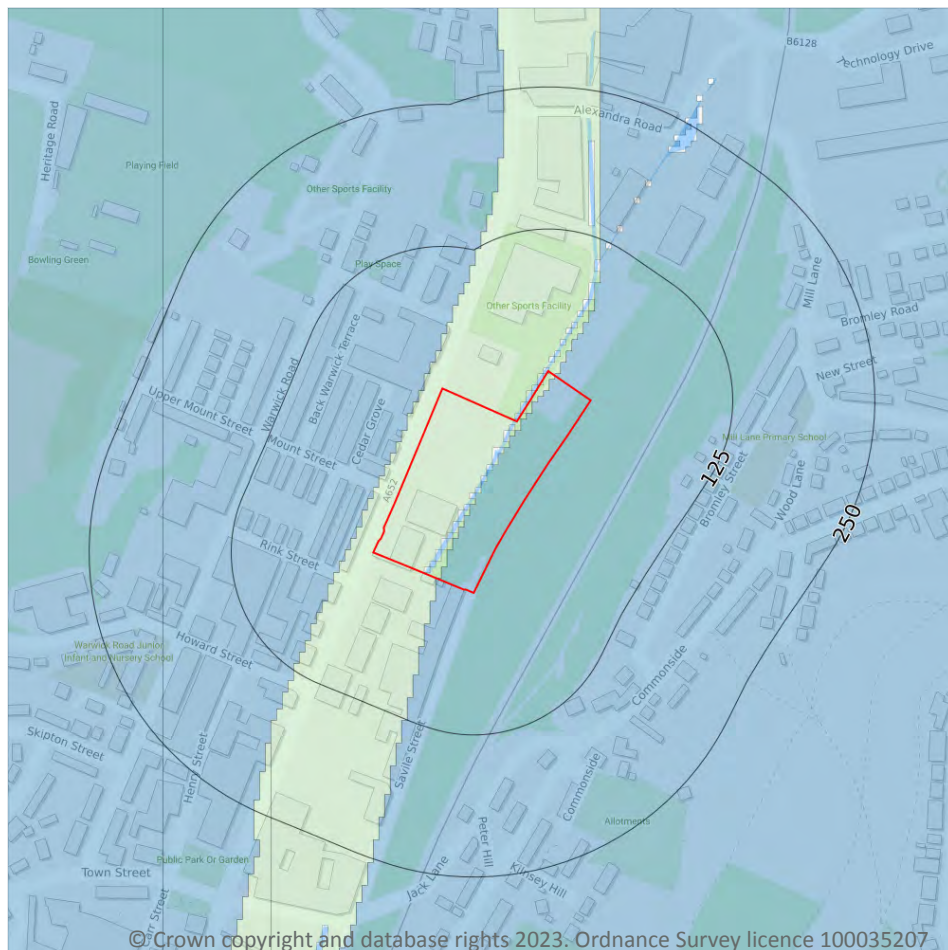
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiantal 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

Low

Highest risk within 50m

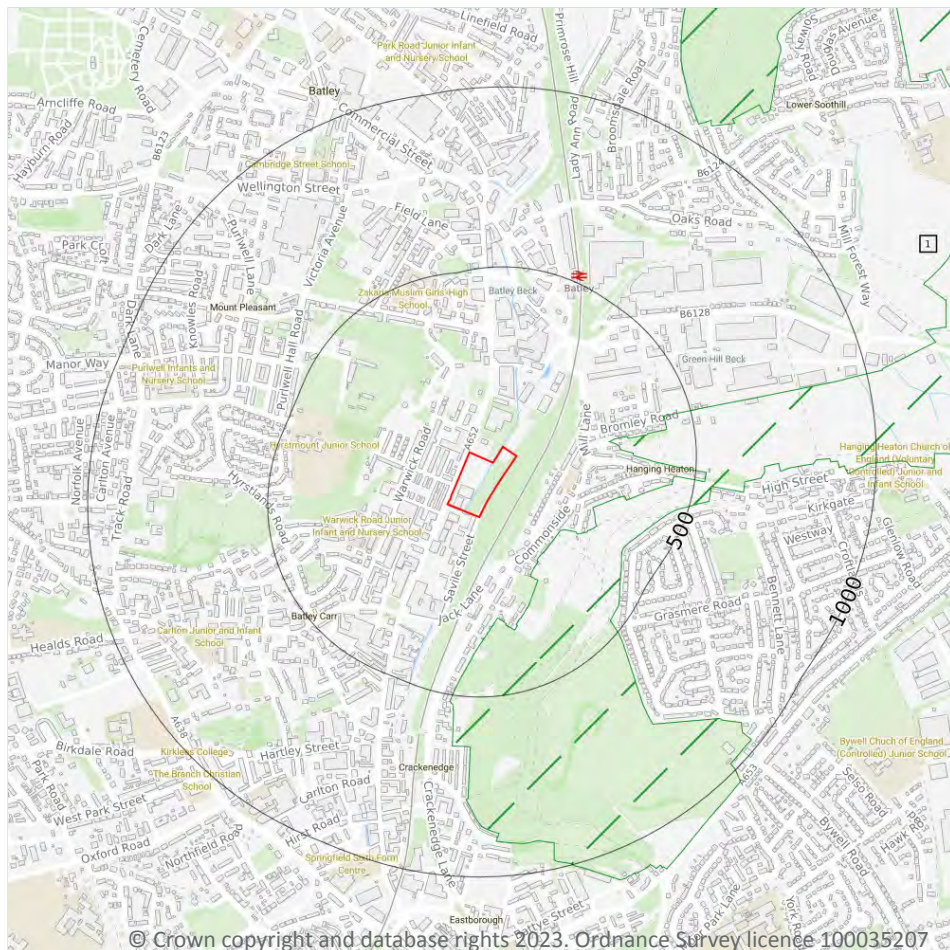
Low

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 94**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- 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**0**

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.

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

7

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

Features are displayed on the Environmental designations map on **page 95**

ID	Location	Name	Local Authority name
1	199m SE	South and West Yorkshire	Kirklees
-	1380m N	South and West Yorkshire	Kirklees
-	1425m N	South and West Yorkshire	Kirklees
-	1439m N	South and West Yorkshire	Leeds
-	1756m SE	South and West Yorkshire	Kirklees
-	1864m SE	South and West Yorkshire	Wakefield
-	1894m 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**1**

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.

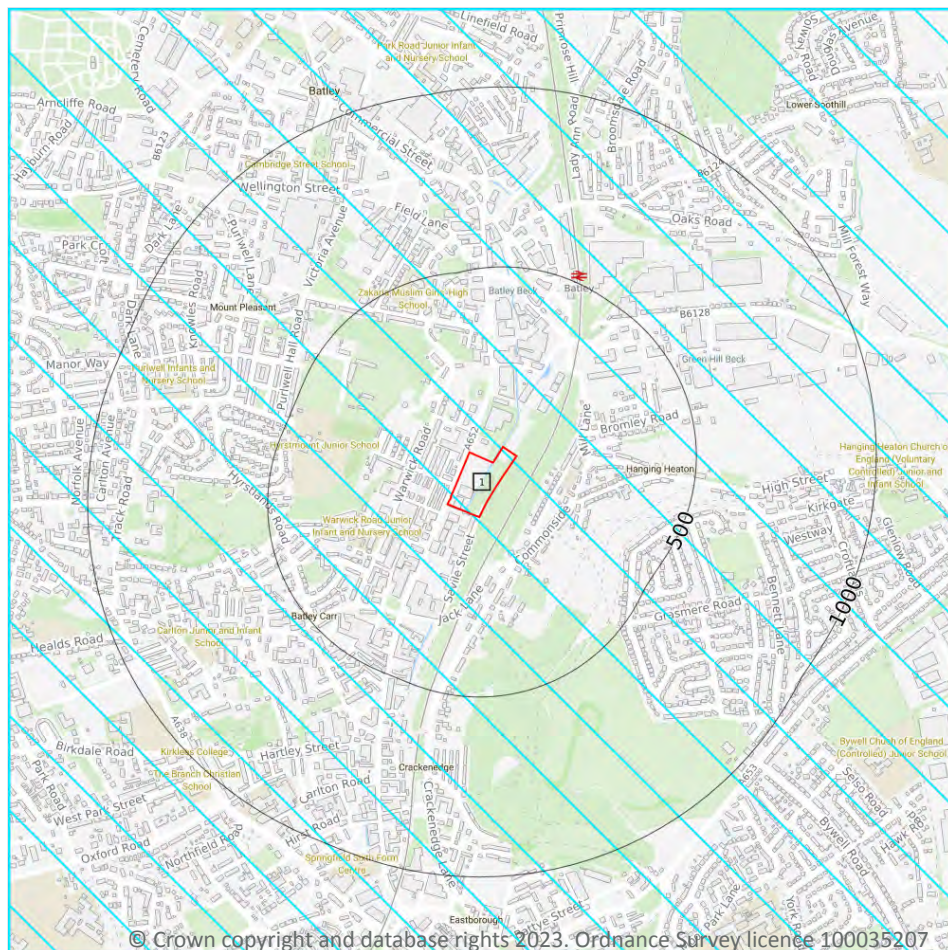
Location	Name	Type	NVZ ID	Status
1359m SW	Spenn Beck from Source to River Calder NVZ	Surface Water	271	Existing



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 101**

ID	Location	Type of developments requiring consultation
1	On site	Air pollution - Livestock & poultry units with floorspace > 500m ² , slurry lagoons & digestate stores > 4000m ² . Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.



This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

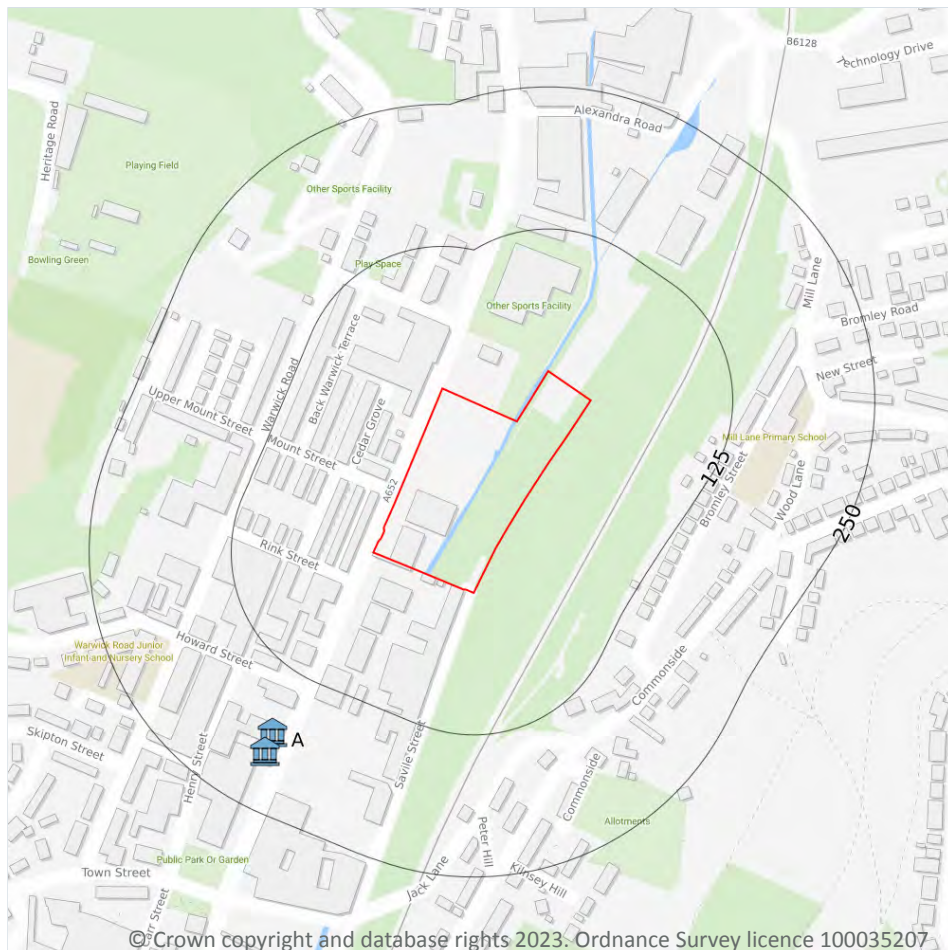
0

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.

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**2**

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 103**

ID	Location	Name	Grade	Reference Number	Listed date
A	181m SW	233, Bradford Road, Batley, Kirklees, WF17	II	1268335	21/08/1996
A	199m SW	231, Bradford Road, Batley, Kirklees, WF17	II	1268334	21/08/1996

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

11.5 Conservation Areas

Records within 250m**0**

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.

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.

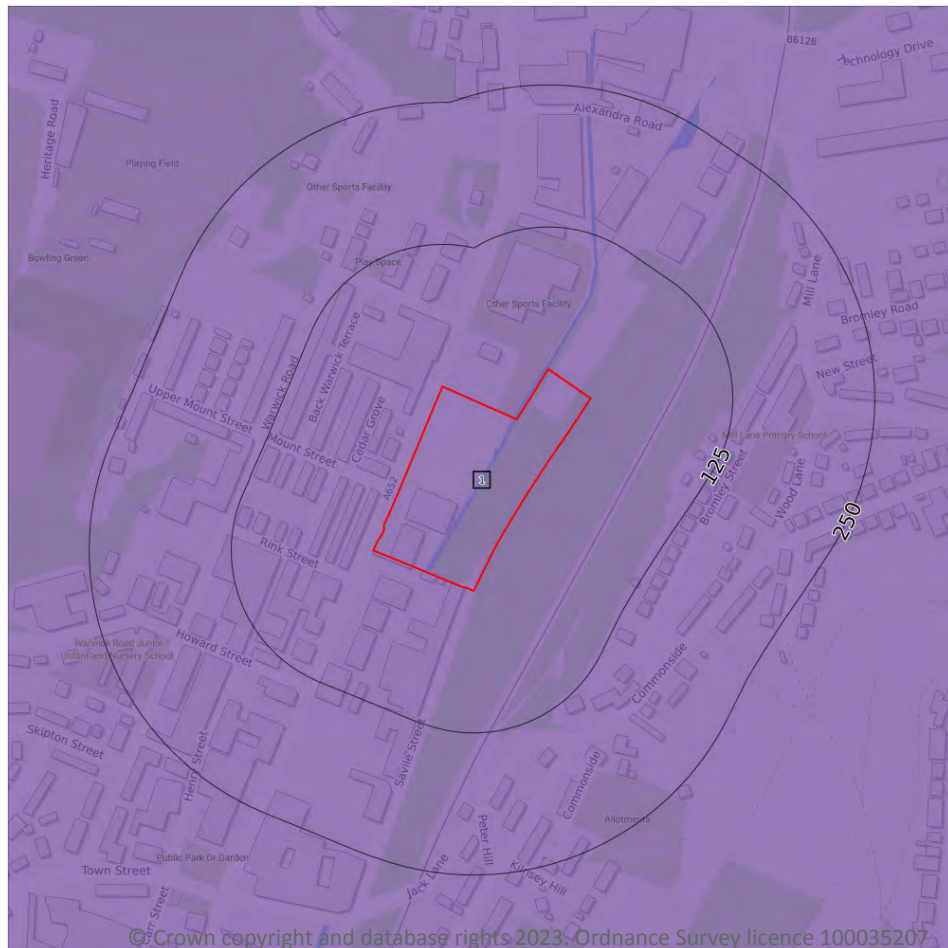
11.7 Registered Parks and Gardens

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 106**

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.

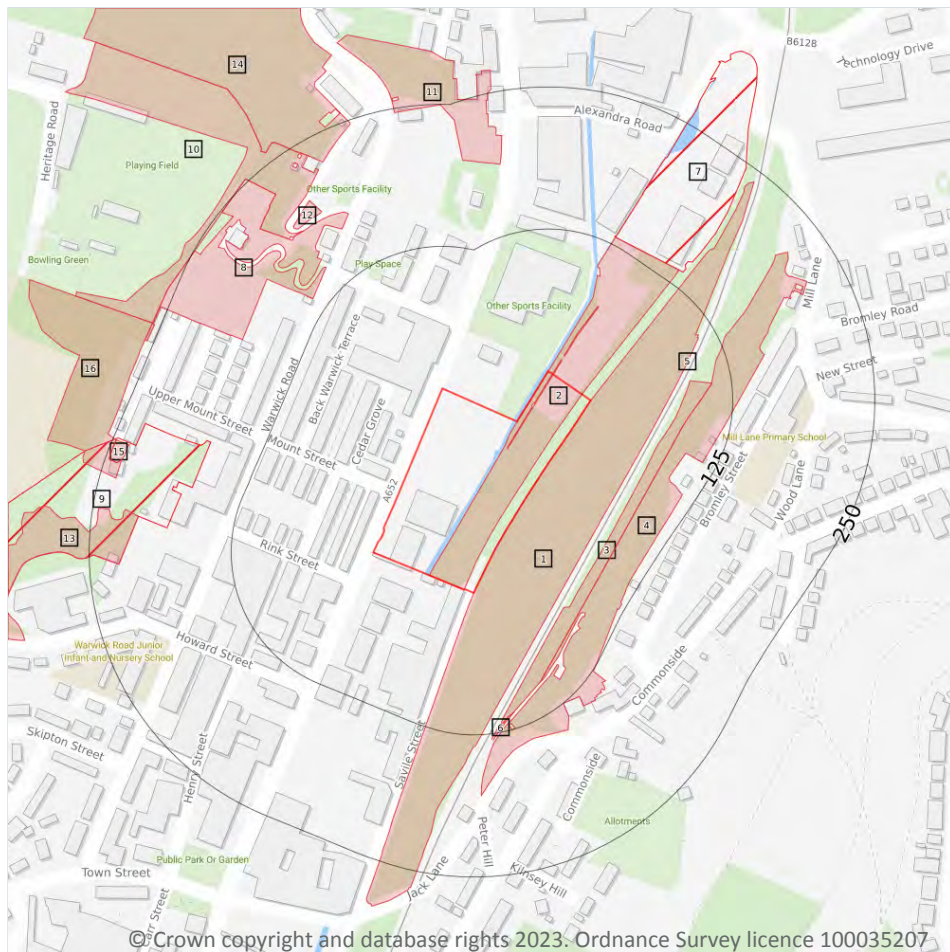
12.5 Countryside Stewardship Schemes

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

14

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 108**

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
3	71m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	82m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	91m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	111m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	139m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	185m NW	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
11	187m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	188m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	209m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	225m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	235m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	236m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0
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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.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	2
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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.

Features are displayed on the Habitat designations map on **page 108**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
7	132m NE	NLUD Ref: 471801039	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-



ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
9	169m W	BRITPITS ref: 13376	Low	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography	National Land Use Database - Previously Developed Land

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

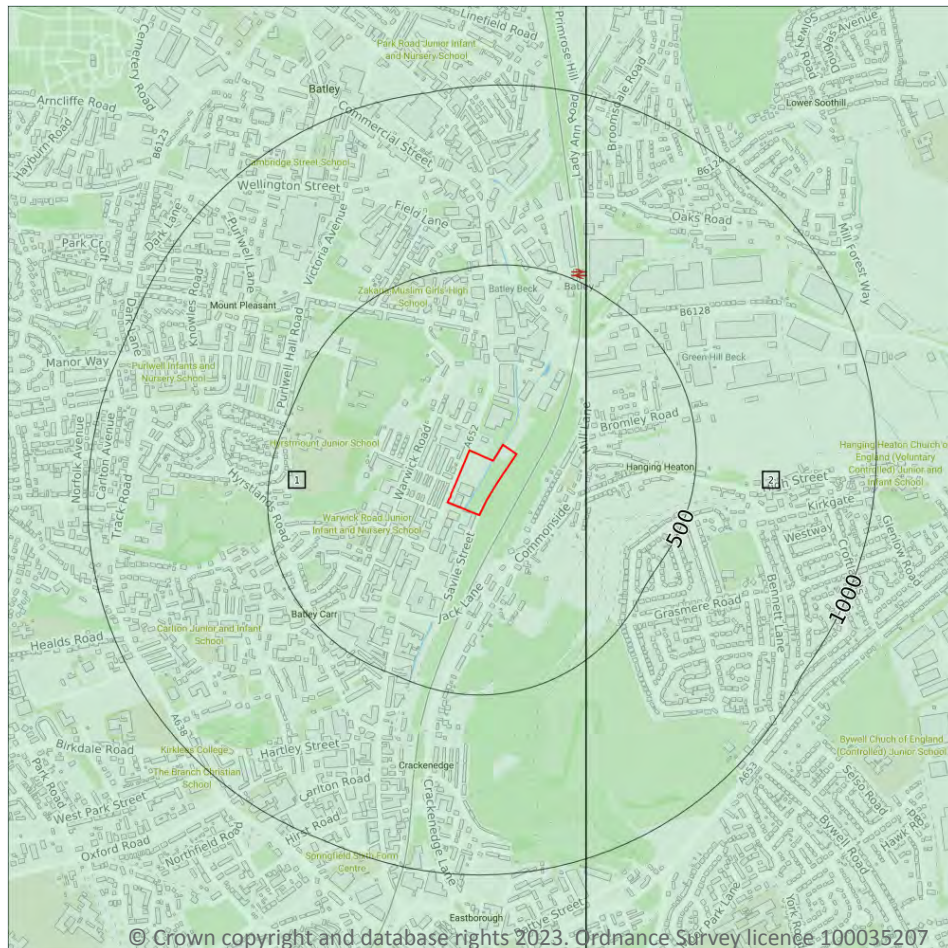
0

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



— 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.

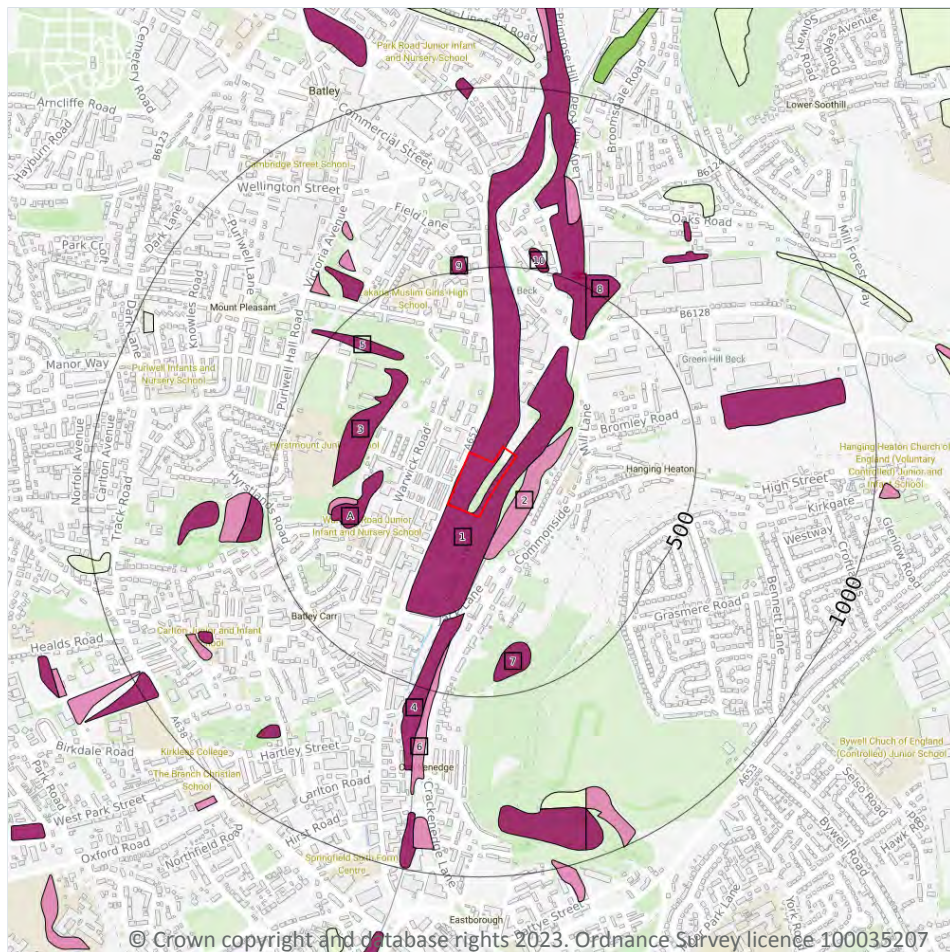
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 111**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SE22SW
2	194m E	Full	Full	Full	No coverage	SE22SE

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 112**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	43m E	WGR-VOID	Worked Ground (Undivided)	Void
A	192m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	250m W	WGR-VOID	Worked Ground (Undivided)	Void



ID	Location	LEX Code	Description	Rock description
3	250m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	271m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
5	320m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	354m S	WGR-VOID	Worked Ground (Undivided)	Void
7	363m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
8	396m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
9	494m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
10	497m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



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 114**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCSV	Alluvium - Clay, Sand And Gravel	Clay, Sand And Gravel

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

1

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 114**

ID	Location	LEX Code	Description	Rock description
2	206m SE	SLIP-UNKNOWN	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

17

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 116**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
3	46m E	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
4	111m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age



ID	Location	LEX Code	Description	Rock age
7	165m E	ER-SDST	Emley Rock - Sandstone	Langsettian Sub-age
8	188m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
9	194m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
11	196m E	ER-SDST	Emley Rock - Sandstone	Langsettian Sub-age
12	199m E	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
14	210m E	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
15	215m NW	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
17	272m N	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
19	276m SE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
21	278m SE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
24	318m NE	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
26	344m SE	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
27	399m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
28	423m SE	TR-SDST	Thornhill Rock - Sandstone	Duckmantian 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 116**

ID	Location	Category	Description
2	On site	ROCK	Coal seam, inferred
5	148m NW	ROCK	Coal seam, inferred



ID	Location	Category	Description
6	149m E	ROCK	Coal seam, inferred
10	194m E	ROCK	Coal seam, inferred
13	206m E	ROCK	Coal seam, inferred
16	216m E	ROCK	Coal seam, inferred
18	272m N	FAULT	Normal fault, inferred; downthrow not specified
20	276m SE	ROCK	Coal seam, inferred coincident with bedrock geology boundary
22	278m SE	ROCK	Coal seam, inferred
23	299m NE	FAULT	Normal fault, inferred; downthrow not specified
25	318m NE	FAULT	Normal fault, inferred
29	483m S	ROCK	Coal seam, inferred

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.

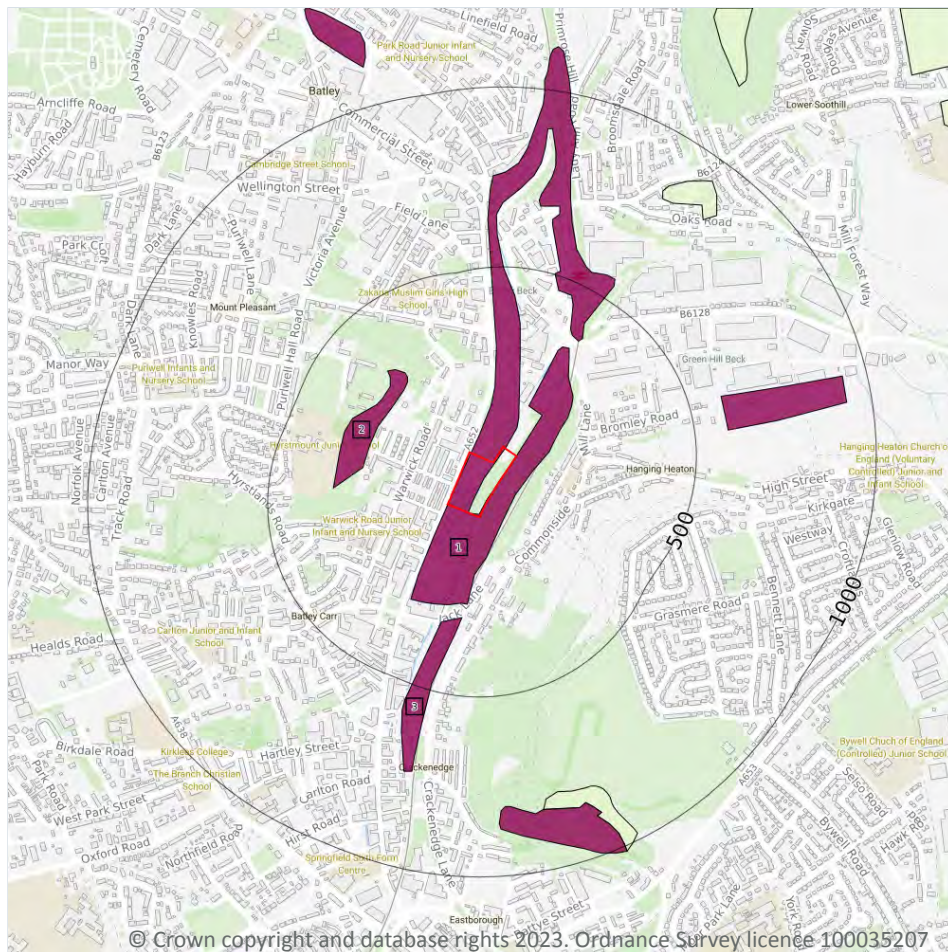
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 119**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW077_huddersfield_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 120**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	248m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	283m S	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**1**

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).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low

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 122**

ID	Location	LEX Code	Description	Rock description
1	On site	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

1

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).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

1

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 122**

ID	Location	LEX Code	Description	Rock description
2	214m SE	SLIP-UNKNOWN	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

10

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 124**

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
3	57m E	BRSR-SDST	BIRSTALL ROCK - SANDSTONE	WESTPHALIAN
4	114m E	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN



ID	Location	LEX Code	Description	Rock age
6	160m E	ER-SDST	EMLEY ROCK - SANDSTONE	WESTPHALIAN
8	204m E	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
10	210m NW	BRSR-SDST	BIRSTALL ROCK - SANDSTONE	WESTPHALIAN
11	270m N	TR-SDST	THORNHILL ROCK - SANDSTONE	WESTPHALIAN
13	275m SE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
16	351m SE	TR-SDST	THORNHILL ROCK - SANDSTONE	WESTPHALIAN
18	399m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	1
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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	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	9
----------------------------	----------

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 124**

ID	Location	Category	Description
2	On site	ROCK	Coal seam, inferred
5	145m NW	ROCK	Coal seam, inferred
7	160m E	ROCK	Coal seam, inferred

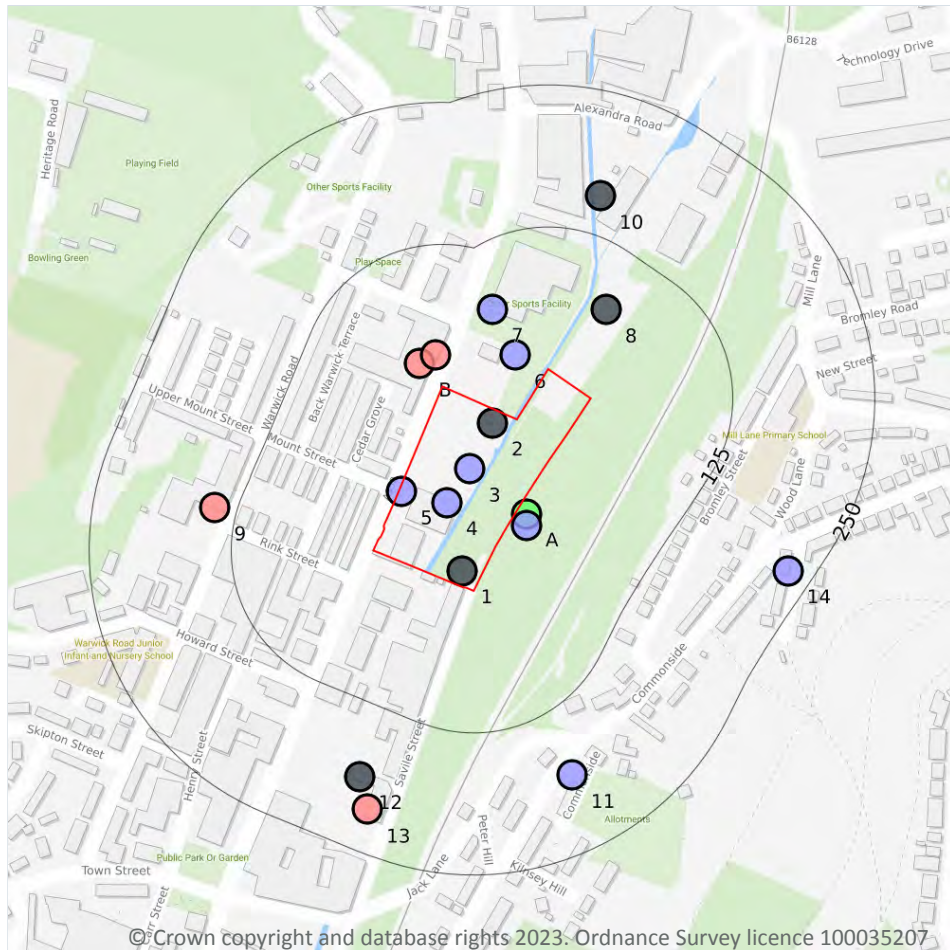


ID	Location	Category	Description
9	204m E	ROCK	Coal seam, inferred
12	270m N	FAULT	Fault, inferred
14	275m SE	ROCK	Coal seam, inferred
15	297m S	ROCK	Coal seam, inferred
17	364m S	ROCK	Coal seam, inferred
19	487m S	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

18

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.

Features are displayed on the Boreholes map on **page 127**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	424693 423140	BATLEY BECK FLOOD ALLEVIATION SCHEME B17	-	Y	N/A
2	On site	424720 423270	BATLEY BECK FLOOD ALLEVIATION SCHEME B18	-	Y	N/A
3	On site	424700 423230	BATLEY SEWERAGE 15	6.5	N	77991

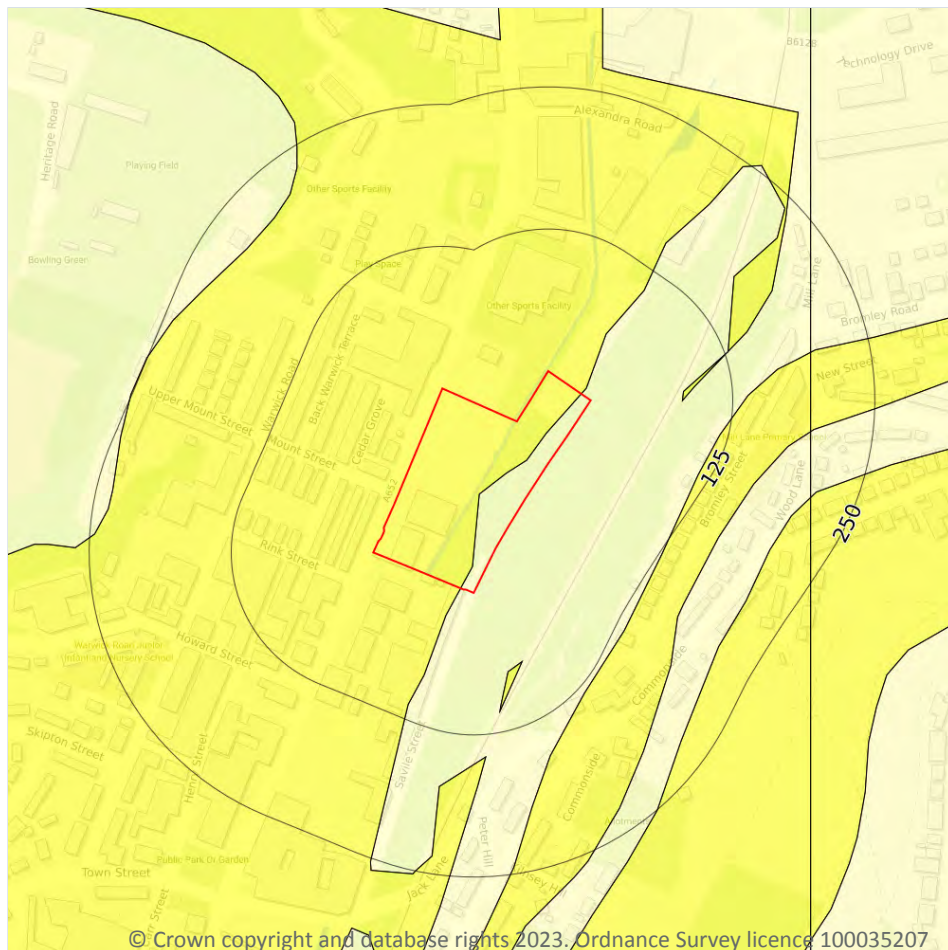


ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	424680 423200	BATLEY SEWERAGE 13	7.0	N	77989
5	On site	424640 423210	BATLEY SEWERAGE 14	8.0	N	77990
A	9m SE	424750 423190	KIRKLEES SEWERAGE L	11.5	N	78004
A	14m SE	424750 423180	BATLEY SEWERAGE 12	4.0	N	77988
B	28m NW	424656 423322	CO-OP LAUNDRY BATLEY BRADFORD ROAD	72.95	N	77494
B	29m N	424670 423330	YORKS CO-OP LAUNDRY BATLEY	64.01	N	77502
6	31m N	424740 423330	BATLEY SEWERAGE 16	6.5	N	77992
7	72m N	424720 423370	KIRKLEES SEWERAGE M	7.5	N	78005
8	72m NE	424820 423370	BATLEY BECK FLOOD ALLEVIATION SCHEME B19	-	Y	N/A
9	144m W	424476 423196	ATLAS BREWERY CO DEWSBURY	36.58	N	77493
10	159m NE	424815 423470	BATLEY BECK FLOOD ALLEVIATION SCHEME B20	-	Y	N/A
11	184m S	424790 422960	COMMONSIDE BATLEY GIA TP 2	0.0	N	77734
12	189m S	424603 422959	BATLEY BECK FLOOD ALLEVIATION SCHEME B16	-	Y	N/A
13	213m S	424610 422930	VICTORIA MILL, BATLEY CARR	100.0	N	77994
14	228m E	424980 423140	COMMONSIDE BATLEY GIA TP 1	0.0	N	77733

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).

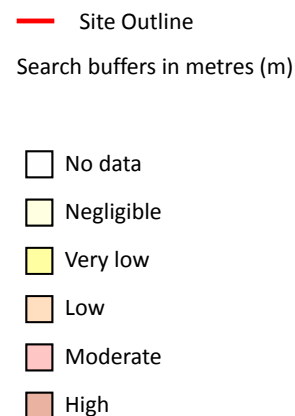
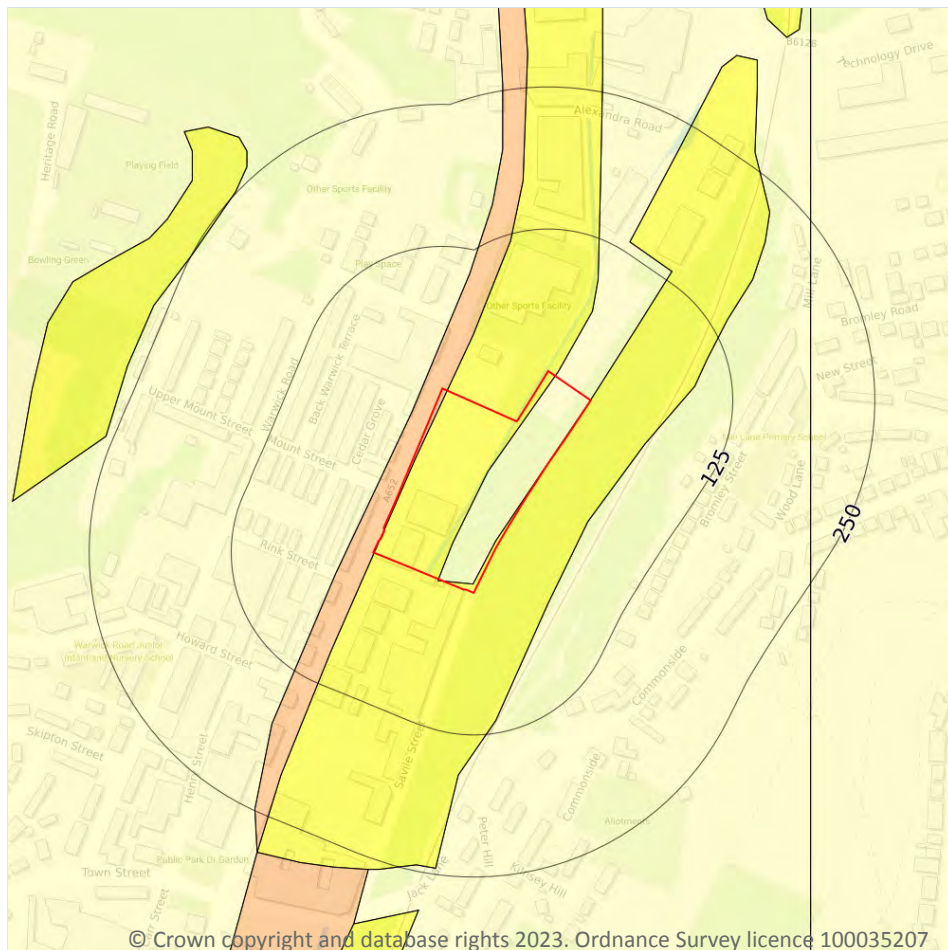
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 129**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

4

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 130**

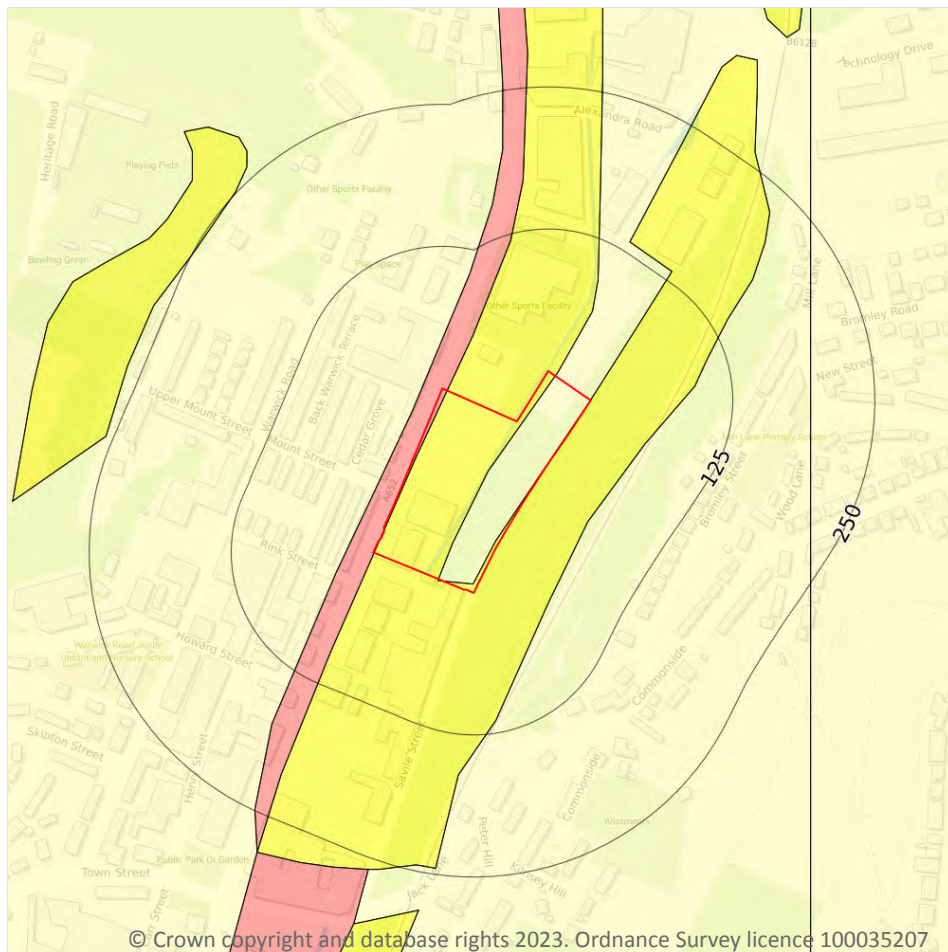
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
17m NW	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

4

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 132**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

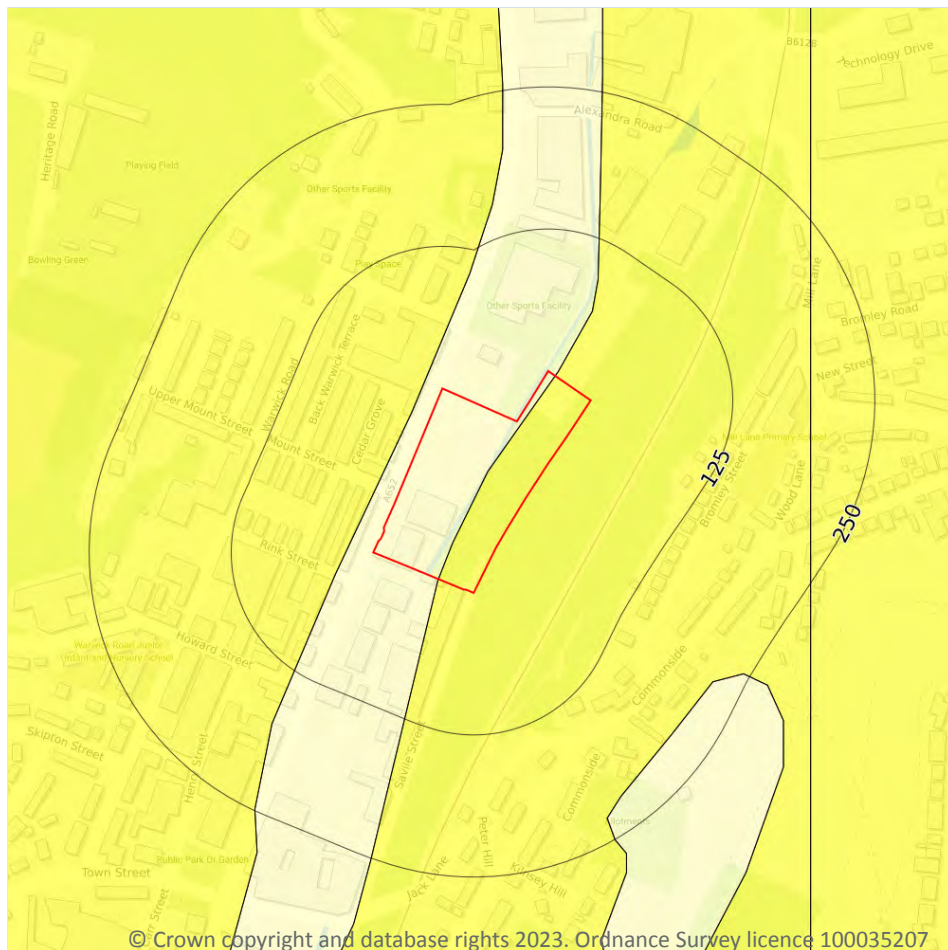


Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
17m NW	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

3

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 134**

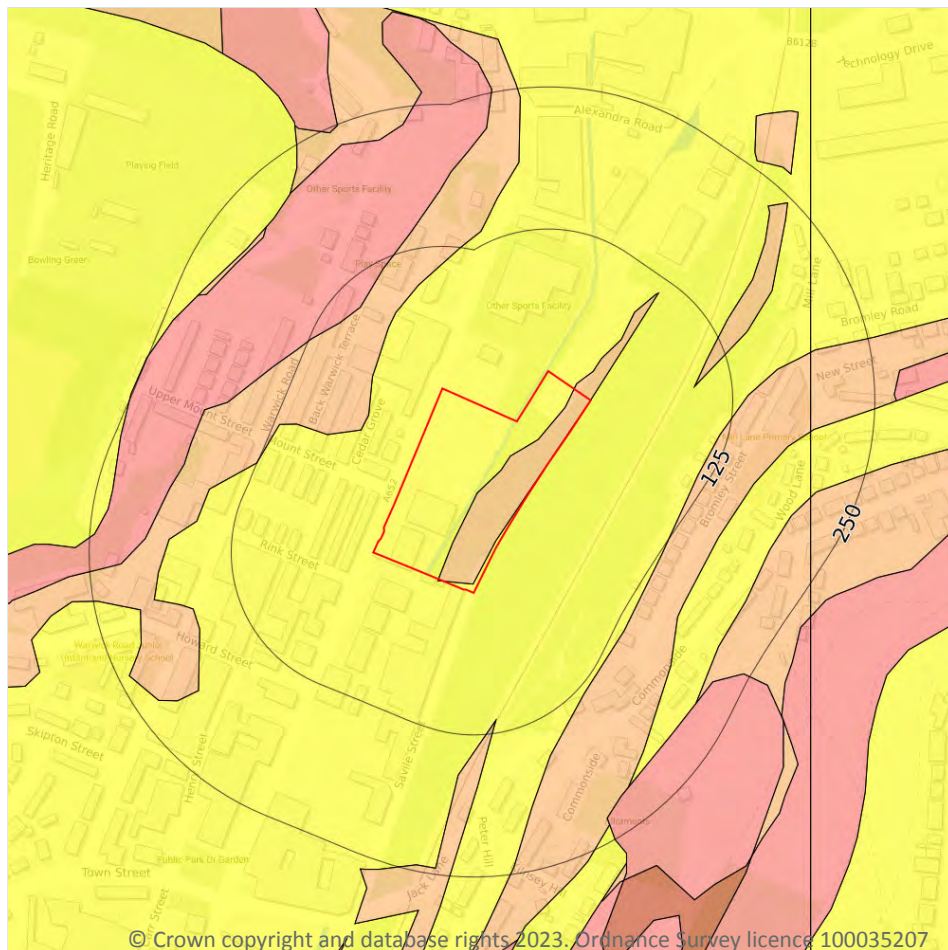
Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
17m NW	Very low	Deposits with potential to collapse 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 136**

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.

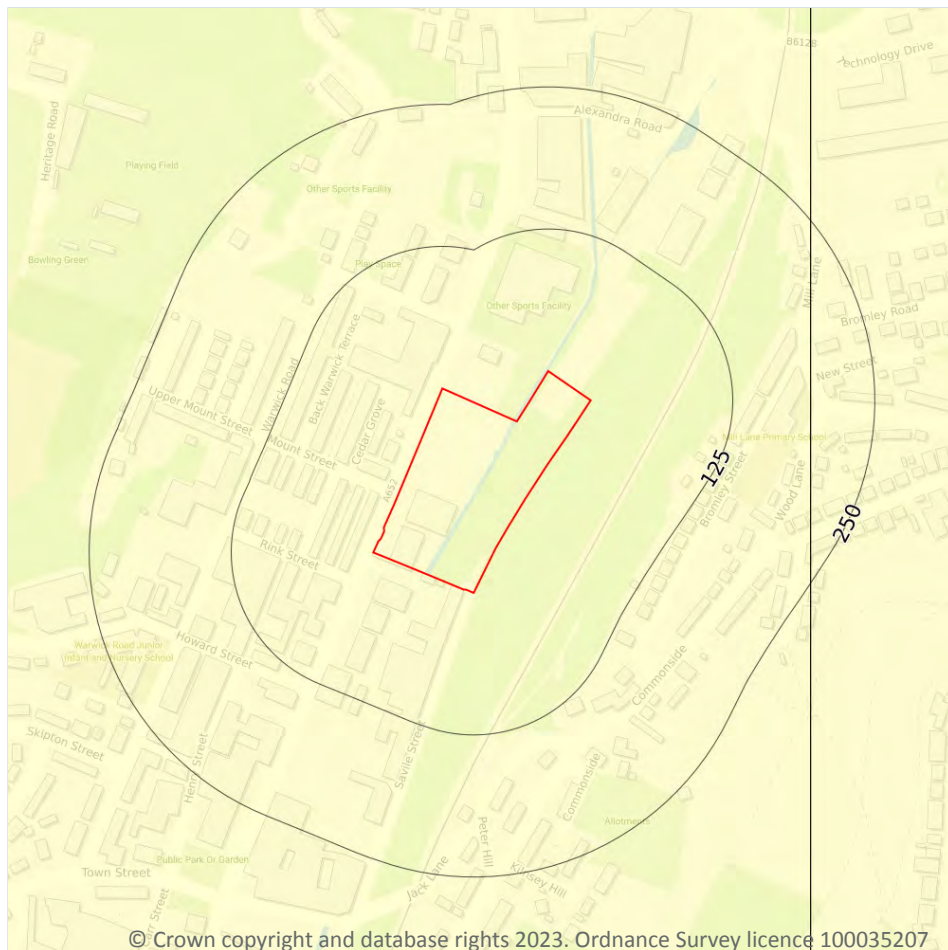


Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



- 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

1

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 138**

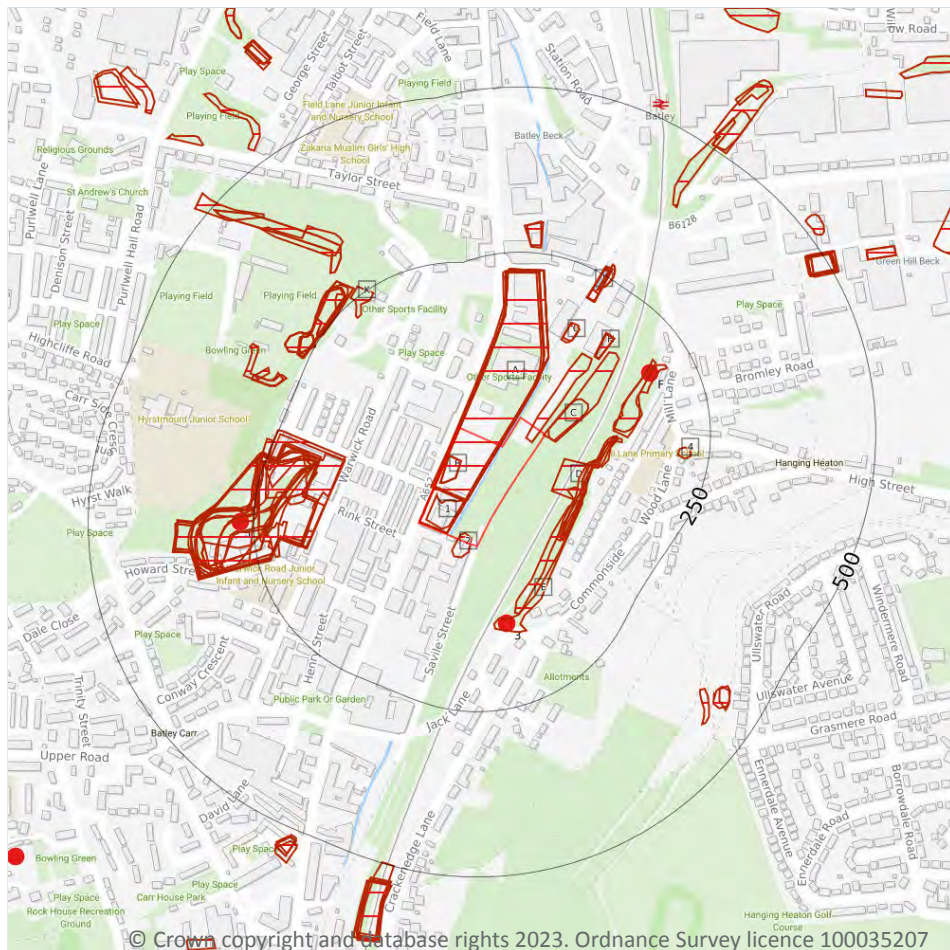
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- 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 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.

18.2 BritPits

Records within 500m

3

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, ground workings and natural cavities map on **page 140**

ID	Location	Details	Description
3	124m S	Name: Ings Mill Address: Mount Pleasant, LEEDS, 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
F	184m NE	Name: Union Mill Address: Hanging Heaton, LEEDS, 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
I	270m W	Name: Atlas Brickworks Address: BATLEY, West Yorkshire Commodity: Clay & Shale 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.

18.3 Surface ground workings

Records within 250m

60

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, ground workings and natural cavities map on **page 140**

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Refuse Heap	1967	1:10560
2	On site	Refuse Heap	1905	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Sewage Works	1931	1:10560
A	On site	Sewage Works	1988	1:10000
A	On site	Sewage Works	1981	1:10000
A	On site	Sewage Works	1967	1:10560
A	On site	Sewage Works	1955	1:10560
A	On site	Sewage Works	1948	1:10560
A	On site	Sewage Works	1905	1:10560
A	On site	Sewage Works	1948	1:10560
A	On site	Sewage Works	1931	1:10560
B	On site	Refuse Heap	1974	1:10000
B	On site	Refuse Heap	1967	1:10560
C	On site	Unspecified Heap	1948	1:10560
C	On site	Refuse Heap	1905	1:10560
C	5m NE	Unspecified Heap	1931	1:10560
D	45m E	Cuttings	1905	1:10560
E	74m E	Refuse Heap	1892	1:10560
D	78m E	Unspecified Quarry	1948	1:10560
D	81m E	Unspecified Quarry	1948	1:10560
D	82m E	Unspecified Quarry	1955	1:10560
E	90m E	Refuse Heap	1905	1:10560
F	103m E	Unspecified Ground Workings	1892	1:10560
F	103m E	Unspecified Pit	1905	1:10560
G	133m NE	Reservoir	1948	1:10560
G	137m NE	Reservoir	1955	1:10560
H	140m NE	Pond	1892	1:10560
H	140m NE	Pond	1931	1:10560
H	140m NE	Pond	1905	1:10560
I	140m W	Brick Works	1931	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
I	141m W	Brick Works	1905	1:10560
I	142m W	Brick Works	1955	1:10560
I	145m W	Brick Works	1948	1:10560
I	157m W	Brick Works	1931	1:10560
I	160m W	Brick Works	1948	1:10560
I	172m W	Unspecified Quarry	1981	1:10000
I	172m W	Unspecified Quarry	1974	1:10000
I	172m W	Unspecified Quarry	1967	1:10560
I	174m W	Unspecified Pit	1905	1:10560
I	177m W	Unspecified Ground Workings	1931	1:10560
I	178m W	Unspecified Ground Workings	1948	1:10560
I	179m W	Unspecified Ground Workings	1948	1:10560
I	180m W	Unspecified Pit	1955	1:10560
I	182m W	Unspecified Ground Workings	1931	1:10560
I	189m W	Unspecified Ground Workings	1988	1:10000
I	198m W	Unspecified Ground Workings	1892	1:10560
4	203m E	Unspecified Ground Workings	1957	1:10560
J	207m NE	Pond	1892	1:10560
J	208m NE	Pond	1931	1:10560
J	208m NE	Reservoir	1948	1:10560
J	208m NE	Pond	1905	1:10560
J	221m NE	Reservoir	1955	1:10560
J	225m NE	Pond	1988	1:10000
J	225m NE	Pond	1981	1:10000
K	226m NW	Unspecified Quarry	1905	1:10560
K	249m NW	Unspecified Heap	1974	1:10000
K	249m NW	Unspecified Heap	1967	1:10560
K	250m NW	Unspecified Heap	1981	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
K	250m NW	Unspecified Heap	1974	1:10000
K	250m NW	Unspecified Heap	1967	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

10

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 140**

ID	Location	Land Use	Year of mapping	Mapping scale
-	727m S	Tunnel	1988	1:10000
-	727m S	Tunnel	1981	1:10000
-	727m S	Tunnel	1974	1:10000
-	727m S	Tunnel	1967	1:10560
-	727m S	Tunnel	1951	1:10560
-	730m S	Tunnel	1905	1:10560
-	880m NE	Disused Colliery	1948	1:10560
-	880m NE	Colliery	1892	1:10560
-	888m NE	Colliery	1905	1:10560
-	888m NE	Disused Colliery	1931	1:10560

This data is sourced from Ordnance Survey/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

0

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).

This data is sourced from the British Geological Survey.

18.7 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.

18.8 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.

18.9 Coal mining

Records on site

1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.



18.10 Brine areas

Records on site	0
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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.

18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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