

Recent site history - 2009 aerial photograph



Capture Date: 02/06/2009

Site Area: 0.6ha



Recent site history - 2000 aerial photograph

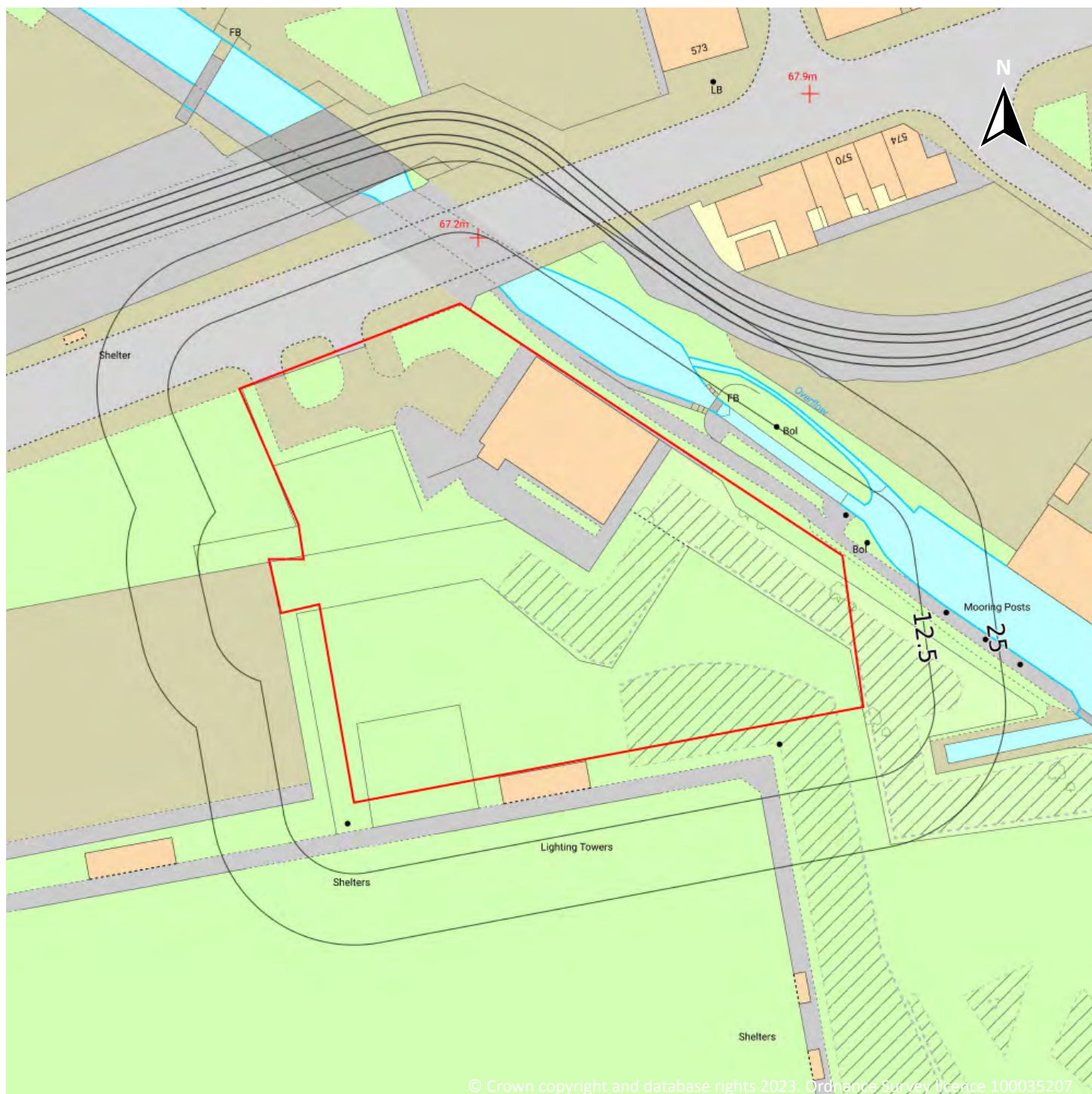


Capture Date: 19/06/2000

Site Area: 0.6ha



OS MasterMap site plan

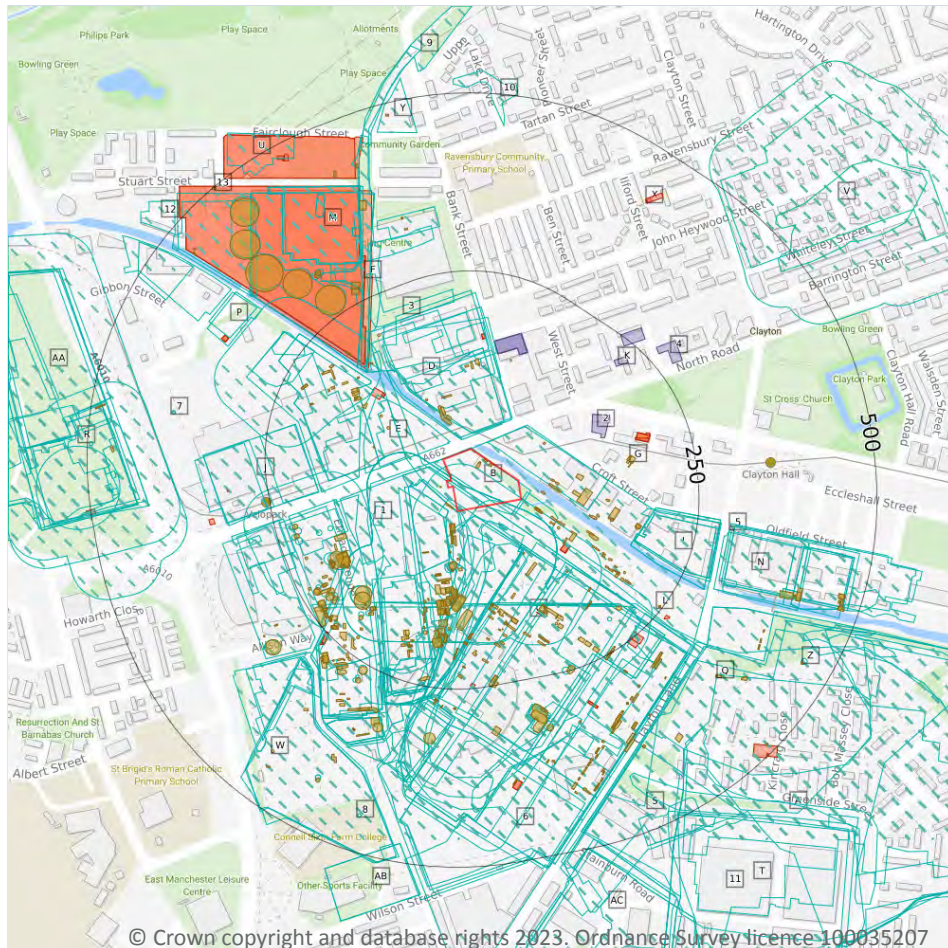


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Site Area: 0.6ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

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

Features are displayed on the Past land use map on [page 13](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Steel Works	1956	810023



ID	Location	Land use	Dates present	Group ID
A	On site	Railway Sidings	1934 - 1938	882010
B	On site	Unspecified Works	1968	830471
C	On site	Unspecified Commercial/Industrial	1956	853511
C	On site	Chemical Works	1968	884000
C	On site	Chemical Works	1890 - 1891	884944
C	On site	Chemical Works	1934	888408
C	On site	Unspecified Works	1985 - 1991	943793
C	On site	Chemical Works	1906 - 1915	950978
C	On site	Railway Sidings	1933 - 1934	968150
C	On site	Chemical Works	1921	974713
C	On site	Unspecified Commercial/Industrial	1923	976600
C	On site	Unspecified Commercial/Industrial	1933 - 1934	990094
C	1m SW	Unspecified Works	1968	984377
C	11m S	Refuse Heap	1923	990889
C	11m S	Refuse Heap	1921	957108
D	17m N	Oil Works	1921 - 1923	864827
E	19m NW	Unspecified Works	1921 - 1923	848942
C	19m E	Unspecified Works	1968	830470
D	20m N	Unspecified Commercial/Industrial	1933	796764
C	21m S	Unspecified Heap	1956	923971
C	21m SW	Chemical Works	1923	852811
D	22m N	Unspecified Works	1991	926651
D	23m N	Unspecified Works	1985 - 1991	898710
C	29m SE	Railway Building	1938	820498
C	36m S	Railway Sidings	1978	846139
E	52m W	Unspecified Works	1968	912430
C	55m W	Unspecified Works	1985 - 1991	909589
C	57m S	Refuse Heap	1890 - 1915	858305



ID	Location	Land use	Dates present	Group ID
C	65m SE	Unspecified Works	1985	940096
D	65m NW	Unspecified Works	1978	847531
C	68m SE	Unspecified Works	1923	856782
C	73m S	Unspecified Tank	1938	901748
C	74m S	Unspecified Tank	1906 - 1933	922414
E	90m W	Unspecified Works	1978	871981
E	90m W	Unspecified Works	1985 - 1991	881370
1	97m W	Colliery	1851	798316
D	99m N	Chemical Works	1891	834550
D	106m N	Brick Kiln	1851	811031
C	109m SW	Unspecified Works	1923	971621
C	109m SE	Unspecified Works	1978	962557
C	112m SW	Unspecified Works	1978	896127
C	116m W	Unspecified Commercial/Industrial	1905 - 1906	934228
E	118m W	Chemical Works	1906 - 1933	885077
C	121m SE	Unspecified Works	1985 - 1991	870723
E	121m W	Unspecified Works	1968	866157
C	125m W	Chemical Works	1923	883999
C	128m S	Alkali Works	1915	908859
D	129m N	Refuse Heap	1891	829165
C	130m S	Unspecified Commercial/Industrial	1938	888176
C	130m S	Alkali Works	1934 - 1938	961180
C	132m S	Unspecified Heap	1934 - 1938	913510
C	135m S	Unspecified Works	1905	851601
C	135m S	Unspecified Works	1915	960638
C	135m SW	Unspecified Commercial/Industrial	1851	976601
E	137m NW	Brick Field	1891	817951
C	140m S	Refuse	1956	802112



ID	Location	Land use	Dates present	Group ID
D	143m N	Unspecified Works	1968	918867
C	153m W	Unspecified Works	1968	830473
F	153m NW	Mineral Railway Sidings	1933 - 1938	884558
C	159m SW	Unspecified Commercial/Industrial	1891	898012
H	163m NW	Mineral Railway Sidings	1906	981108
C	165m S	Refuse Heap	1968	925604
I	167m SE	Finishing Works	1906 - 1938	946441
I	167m SE	Unspecified Commercial/Industrial	1891	972255
C	167m SW	Unspecified Tank	1906 - 1938	854058
C	167m SW	Unspecified Tank	1923	923831
C	167m SW	Unspecified Tank	1891	984869
I	169m E	Unspecified Works	1968	922944
F	169m NW	Railway Sidings	1921 - 1923	984262
I	170m E	Unspecified Works	1985 - 1991	884614
I	170m E	Unspecified Works	1978	910195
C	170m W	Unspecified Commercial/Industrial	1923	976599
C	171m SW	Unspecified Tank	1891	929119
C	172m W	Unspecified Tank	1906	825294
C	176m SW	Unspecified Tank	1906	954049
F	177m NW	Unspecified Commercial/Industrial	1933 - 1938	943603
F	177m NW	Electricity Generating Station	1906 - 1923	989056
J	180m W	Unspecified Works	1985 - 1991	979935
J	180m W	Unspecified Works	1968	934878
C	182m SW	Unspecified Tank	1923	942989
C	187m SW	Chimney	1851	835765
C	188m W	Unspecified Tank	1906	825295
C	194m SW	Unspecified Tank	1915	825263
3	204m N	Unspecified Ground Workings	1923	800633



ID	Location	Land use	Dates present	Group ID
C	205m SW	Unspecified Tank	1891	825264
C	206m SE	Unspecified Tank	1923	825262
C	213m SW	Unspecified Tank	1923	825265
C	215m W	Unspecified Tank	1891	825298
C	218m W	Unspecified Tank	1891 - 1906	852618
C	219m SW	Unspecified Tank	1923	825266
C	222m W	Unspecified Tank	1906	825297
C	233m W	Unspecified Depot	1985	818423
E	235m NW	Unspecified Ground Workings	1906	800643
C	237m SE	Unspecified Commercial/Industrial	1968	926845
C	239m W	Unspecified Works	1968	830472
C	239m SW	Chemical Works	1851	965952
C	239m SW	Refuse Heap	1934 - 1938	935650
C	242m SE	Unspecified Tank	1915 - 1923	911915
E	243m NW	Unspecified Pit	1938	840552
J	245m W	Unspecified Works	1968	865836
C	252m W	Unspecified Commercial/Industrial	1923	976598
F	252m NW	Unspecified Tanks	1968	815392
C	253m SW	Unspecified Tank	1905	825259
C	253m SW	Colliery	1851	798314
J	255m W	Engineering Works	1921 - 1923	917015
C	268m S	Unspecified Works	1978	865300
C	269m SW	Unspecified Works	1968	830486
C	269m SW	Unspecified Tank	1915	976902
C	272m SW	Unspecified Tank	1915 - 1923	871679
C	272m S	Unspecified Disused Mill	1905	827218
C	274m SW	Unspecified Tank	1923	952557
C	284m W	Coal Pit	1851	808491



ID	Location	Land use	Dates present	Group ID
C	286m S	Oil Tanks	1915	934088
C	286m S	Oil Tanks	1923	852756
C	286m S	Oil Tanks	1905	975013
C	286m SW	Unspecified Works	1985	871686
M	287m NW	Unspecified Works	1985	923303
C	290m SW	Unspecified Works	1968	854915
N	290m E	Unspecified Commercial/Industrial	1923	796793
C	291m S	Unspecified Tank	1934 - 1938	914329
C	292m SW	Unspecified Tanks	1968	815401
H	294m N	Unspecified Heap	1923	804178
N	295m E	Chemical Works	1978	918950
C	297m SW	Wheel Works	1915 - 1923	949526
N	299m E	Unspecified Works	1968	849751
M	299m NW	Electric Generating Station	1968	842028
M	299m NW	Unspecified Works	1978	990122
C	300m SW	Chemical Works	1915 - 1923	857688
C	300m SW	Chemical Works	1905	971581
N	302m E	Chemical Works	1891	981333
N	302m E	Unspecified Works	1985 - 1991	929483
C	302m SW	Disused Chemical Works	1934 - 1938	866287
C	303m SW	Size Works	1923	908918
C	308m SW	Unspecified Works	1915	877861
C	308m SW	Unspecified Works	1934	901782
C	308m SW	Size Works	1938	991102
F	309m NW	Unspecified Tank	1933 - 1938	936093
O	309m SE	Engineering Works	1934	912693
F	310m NW	Unspecified Tank	1968	924537
C	313m SW	Unspecified Tank	1923	825267



ID	Location	Land use	Dates present	Group ID
H	313m N	Chemicals Works	1891	795013
C	313m S	Unspecified Tank	1934	825249
C	315m S	Unspecified Mill	1851 - 1890	961717
O	318m SE	Railway Sidings	1968	862695
P	330m NW	Unspecified Mill	1985	976402
O	330m SE	Railway Sidings	1956	877918
O	332m SE	Engineering Works	1923	951144
P	337m NW	Unspecified Mill	1968	853462
F	348m NW	Unspecified Mills	1891	917092
F	353m NW	Unspecified Mills	1906 - 1923	981518
C	360m S	Unspecified Ground Workings	1934	800644
C	360m S	Unspecified Heap	1938	804174
6	368m S	Unspecified Works	1915 - 1923	912251
O	369m SE	Unspecified Works	1968	923446
R	369m W	Colliery	1968	890493
C	374m S	Unspecified Heap	1938	804175
R	375m W	Colliery	1891	971185
M	381m NW	Unspecified Tanks	1978	815393
M	381m NW	Chimneys	1968	844028
7	382m W	Coal Pit	1851	808493
F	382m NW	Unspecified Works	1985 - 1991	927491
S	385m SE	Motor Works	1905	833283
N	389m E	Brewery	1968	958488
N	391m E	Brewery	1923	913193
N	403m E	Vinegar Brewery	1906	831121
N	403m E	Brewery	1933 - 1938	854933
N	403m E	Brewery	1921	904415
T	409m SE	Engineering Works	1938	884631



ID	Location	Land use	Dates present	Group ID
O	416m SE	Unspecified Heap	1985 - 1991	854063
C	418m SW	Unspecified Tank	1934	825268
C	418m SW	Unspecified Tanks	1915	815400
R	418m W	Colliery	1851	887196
O	419m SE	Railway Sidings	1915	870808
R	419m W	Unspecified Depot	1985 - 1991	983795
V	421m NE	Brick Works	1906	964206
R	430m W	Iron Works	1956	988439
R	433m W	Colliery	1906 - 1923	878194
R	433m W	Railway Sidings	1906	845027
R	434m W	Unspecified Commercial/Industrial	1933 - 1938	879239
O	438m SE	Railway Sidings	1923	924696
N	440m SE	Refuse Heap	1956 - 1968	927998
V	443m NE	Brick Works	1921 - 1923	925321
F	443m NW	Unspecified Works	1968	848975
8	447m S	Coal Pit	1851	808506
9	449m N	Railway Sidings	1956 - 1968	911076
Y	450m N	Unspecified Works	1891	830466
Z	454m SE	Unspecified Tank	1968	825260
R	455m W	Unspecified Disused Shafts	1991	958517
R	456m W	Railway Sidings	1933 - 1938	923517
10	457m N	Unspecified Ground Workings	1906	800634
R	458m W	Unspecified Disused Shafts	1985	877729
R	460m W	Unspecified Disused Shafts	1985	849285
R	465m W	Unspecified Shafts	1978	809312
R	466m W	Railway Sidings	1921 - 1923	872908
R	467m W	Unspecified Shafts	1978	809313
AA	468m W	Unspecified Commercial/Industrial	1891 - 1978	895595



ID	Location	Land use	Dates present	Group ID
V	471m NE	Unspecified Ground Workings	1906	800635
U	472m NW	Electric Substation	1985 - 1991	982245
AB	473m S	Unspecified Works	1985 - 1991	950101
AB	473m S	Unspecified Works	1968	953001
N	474m SE	Sand Pit	1915 - 1923	904794
AA	475m W	Unspecified Works	1985	988793
S	478m SE	Unspecified Pit	1890	840558
AA	481m W	Unspecified Works	1968	868023
N	482m E	Refuse Heap	1956 - 1968	891215
T	484m SE	Unspecified Works	1978	878377
AC	488m S	Unspecified Works	1968	922875
11	489m SE	Dye Works	1851	870141
12	491m NW	Unspecified Works	1968	830467
AC	492m S	Unspecified Works	1985	862949
R	492m W	Coal Pit	1851	808492
T	492m SE	Unspecified Works	1985	985355
AC	499m S	Dye Works	1923	920128

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

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

Features are displayed on the Past land use map on [page 13 >](#)

ID	Location	Land use	Dates present	Group ID
B	On site	Tanks	1949	141083



ID	Location	Land use	Dates present	Group ID
B	On site	Unspecified Tank	1949 - 1956	132250
B	On site	Tanks	1932 - 1956	147569
C	5m SW	Tanks	1970 - 1980	145616
C	9m W	Unspecified Tank	1908	116153
C	18m SW	Tanks	1949	129322
C	18m SW	Tanks	1949	147383
C	20m SW	Tanks	1949	144568
C	23m SE	Tanks	1949	130026
C	23m SE	Tanks	1949	147429
C	26m SE	Tanks	1932	137765
C	27m SW	Unspecified Tank	1956	116154
C	29m SW	Tanks	1956	143578
C	29m E	Tanks	1893	106915
C	34m SW	Tanks	1956	106917
C	41m E	Tanks	1893	106913
D	41m NW	Tanks	1893	145942
C	45m E	Tanks	1908	106916
D	48m NW	Tanks	1908	106941
C	49m SE	Tanks	1908 - 1922	149311
C	51m E	Tanks	1908	106914
C	52m SE	Unspecified Tank	1908 - 1922	130097
C	56m SE	Unspecified Tank	1908 - 1922	147975
C	57m SW	Unspecified Tank	1949 - 1956	125137
D	57m NW	Tanks	1908	141266
C	60m SE	Unspecified Tank	1922	116231
C	62m NE	Unspecified Tank	1932	116230
C	63m SE	Unspecified Tank	1908 - 1922	129690
C	65m SE	Unspecified Tank	1908	116228



ID	Location	Land use	Dates present	Group ID
C	66m S	Unspecified Tank	1949 - 1956	138481
C	68m SE	Unspecified Tank	1908 - 1922	144291
C	70m SW	Tanks	1949 - 1956	122935
C	71m S	Gasometer	1908 - 1932	135678
C	72m E	Tanks	1956	106912
C	74m SE	Unspecified Tank	1956	116223
C	78m E	Unspecified Tank	1922 - 1932	130905
D	79m N	Tanks	1893	106942
C	80m S	Unspecified Tank	1949 - 1956	129535
C	80m E	Unspecified Tank	1932	116232
C	82m S	Tanks	1949	106909
C	82m S	Unspecified Tank	1949 - 1956	133157
C	83m SE	Tanks	1949 - 1956	127388
C	84m SE	Unspecified Tank	1932	116227
D	85m NW	Unspecified Tank	1908	116152
E	87m NW	Unspecified Tank	1908	116150
C	90m SE	Unspecified Tank	1932	116224
C	91m SW	Tanks	1949	127871
C	91m SW	Unspecified Tank	1956	116155
C	93m SW	Unspecified Tank	1956	116157
C	94m S	Tanks	1956	106903
E	98m W	Unspecified Tank	1908	116151
C	98m E	Tanks	1949 - 1956	145441
C	99m S	Tanks	1956	135686
C	100m S	Tanks	1949	139548
C	101m S	Unspecified Tank	1956	116158
C	103m SE	Unspecified Tank	1932	116226
E	105m NW	Unspecified Tank	1908	116149



ID	Location	Land use	Dates present	Group ID
C	106m S	Tanks	1949 - 1980	132520
C	106m S	Tanks	1970 - 1980	134738
C	107m S	Tanks	1970	125368
C	107m SE	Tanks	1908	106911
C	108m S	Tanks	1970	134893
C	108m E	Unspecified Tank	1956	116233
C	109m S	Tanks	1956	106902
C	110m S	Tanks	1970	149120
D	112m N	Tanks	1949	106938
D	115m N	Unspecified Tank	1949	116105
C	117m S	Tanks	1994	130302
D	118m N	Tanks	1949	143710
C	119m S	Tanks	1987 - 1991	128908
C	119m SE	Unspecified Tank	1956	116225
C	119m S	Tanks	1949 - 1956	125997
C	119m E	Tanks	1956 - 1980	146379
C	120m SE	Tanks	1956	106910
C	124m S	Tanks	1949 - 1956	129500
C	124m S	Tanks	1949 - 1956	146047
C	125m E	Unspecified Tank	1956	116234
C	125m SE	Tanks	1949 - 1956	128110
C	125m E	Tanks	1949 - 1970	129402
C	127m S	Tanks	1980	128189
C	127m S	Tanks	1956 - 1970	147267
C	127m S	Tanks	1970	134022
C	128m S	Unspecified Tank	1949 - 1956	148566
C	129m E	Unspecified Tank	1956 - 1980	131573
C	129m SW	Unspecified Tank	1956	116156

ID	Location	Land use	Dates present	Group ID
E	130m NW	Tanks	1949 - 1953	133368
C	133m SW	Tanks	1956	107001
D	135m N	Unspecified Tank	1922	116229
C	137m S	Tanks	1949 - 1970	134955
C	137m SE	Tanks	1956	106908
C	137m S	Unspecified Tank	1949	125464
C	137m S	Unspecified Tank	1949	149190
C	138m S	Tanks	1949 - 1970	145885
C	138m S	Tanks	1949	107000
C	138m S	Tanks	1949	139310
C	138m S	Tanks	1956 - 1970	126070
C	138m S	Tanks	1987 - 1994	138407
C	138m S	Tanks	1949 - 1956	140666
C	139m SE	Tanks	1956	106907
C	141m SW	Unspecified Tank	1949	129303
E	143m NW	Tanks	1932 - 1949	126372
C	145m S	Tanks	1949	106998
C	146m S	Tanks	1949	106999
E	148m NW	Unspecified Tank	1953	116148
C	149m S	Unspecified Tank	1956	116222
C	149m SE	Tanks	1908	106906
C	149m S	Unspecified Tank	1908	116211
E	149m NW	Tanks	1932	123263
C	151m SW	Tanks	1956	107004
C	151m SE	Tanks	1956	106996
C	151m SE	Tanks	1949 - 1956	147755
C	152m SE	Tanks	1949 - 1956	130314
C	152m S	Tanks	1956	106997



ID	Location	Land use	Dates present	Group ID
E	152m NW	Tanks	1949 - 1953	144825
C	152m S	Tanks	1933	106991
C	153m S	Tanks	1956 - 1980	134369
G	154m E	Unspecified Tank	1980	126030
C	154m S	Tanks	1949	129933
G	155m E	Unspecified Tank	1987 - 1991	123928
G	155m E	Unspecified Tank	1956 - 1970	136270
C	156m SE	Tanks	1933	128745
C	156m S	Unspecified Tank	1949 - 1956	143950
C	156m S	Unspecified Tank	1956	115891
C	157m SE	Unspecified Tank	1949 - 1956	143387
C	157m SE	Tanks	1956	106905
C	158m W	Tanks	1980 - 1996	135435
C	159m SE	Tanks	1933	148293
C	161m S	Tanks	1956	136070
C	161m SE	Unspecified Tank	1949 - 1956	123851
C	162m SE	Tanks	1949	140552
C	163m S	Unspecified Tank	1922	115890
C	164m S	Unspecified Tank	1956	116213
E	164m NW	Unspecified Tank	1949	146177
E	164m NW	Unspecified Tank	1953	127483
C	164m SW	Unspecified Tank	1908 - 1932	135606
E	164m NW	Unspecified Tank	1949	142735
C	165m S	Tanks	1956	140497
C	165m E	Tanks	1949 - 1956	125749
C	165m E	Unspecified Tank	1932 - 1949	128827
C	165m S	Tanks	1933	106990
C	165m SW	Tanks	1980	126525



ID	Location	Land use	Dates present	Group ID
C	166m SW	Tanks	1995 - 1996	130435
C	166m SW	Tanks	1994	122430
C	166m S	Unspecified Tank	1949 - 1956	129419
E	166m NW	Unspecified Tank	1932	116104
C	166m SW	Tanks	1991	123174
C	168m S	Unspecified Tank	1893	115892
C	169m S	Tanks	1994	142641
C	169m SE	Unspecified Tank	1949	142031
C	170m SE	Tanks	1932	130638
C	170m SE	Tanks	1956	141111
C	171m SE	Unspecified Tank	1908 - 1922	127575
C	171m SW	Unspecified Tank	1893	131619
E	171m NW	Unspecified Tank	1949 - 1953	134719
C	172m SE	Tanks	1956	137053
C	172m S	Tanks	1949	107018
C	172m SW	Unspecified Tank	1893 - 1922	143824
C	173m S	Unspecified Tank	1956	115889
C	173m S	Tanks	1949 - 1956	127712
C	173m SE	Tanks	1956	106995
C	173m S	Tanks	1922	141942
C	173m S	Tanks	1933	145111
C	174m S	Unspecified Tank	1922 - 1933	140860
C	174m S	Tanks	1949 - 1956	136076
C	174m S	Tanks	1933	126460
C	176m SW	Tanks	1949 - 1953	146447
C	177m SW	Tanks	1949	123155
C	177m SE	Unspecified Tank	1922	116235
C	177m S	Unspecified Tank	1956	115887

ID	Location	Land use	Dates present	Group ID
C	177m SW	Tanks	1893	106918
C	177m SE	Tanks	1956	106994
C	179m SE	Tanks	1956	106904
C	179m SW	Unspecified Tank	1932	116147
C	179m S	Tanks	1987 - 1991	132827
C	180m SE	Tanks	1933	106992
C	180m SW	Tanks	1953	107016
C	181m S	Tanks	1949	106988
E	182m NW	Unspecified Tank	1949	129924
C	182m S	Unspecified Tank	1956	115888
C	182m SE	Tanks	1933	106993
C	182m SW	Unspecified Tank	1949	115893
C	183m SW	Unspecified Tank	1893	144915
C	184m S	Tanks	1949	107020
C	184m SW	Tanks	1933	107005
C	184m S	Tanks	1956	106989
C	184m S	Unspecified Tank	1956	126992
C	184m S	Unspecified Tank	1949	148424
C	185m SE	Unspecified Tank	1949	124412
E	185m NW	Unspecified Tank	1932	116130
C	186m SW	Unspecified Tank	1908	137919
C	187m SW	Tanks	1949 - 1980	126490
C	187m SW	Tanks	1949	144875
C	187m SW	Tanks	1991	128183
C	188m SW	Unspecified Tank	1949	115895
C	188m SW	Tanks	1953	107006
C	189m S	Unspecified Tank	1922 - 1933	148480
C	189m SW	Tanks	1991 - 1996	141538



ID	Location	Land use	Dates present	Group ID
C	189m SW	Unspecified Tank	1933	126116
E	189m NW	Unspecified Tank	1949	128199
C	189m SW	Unspecified Tank	1949	144142
C	190m S	Unspecified Tank	1933	116212
C	191m SW	Tanks	1949	107017
C	191m S	Unspecified Tank	1949 - 1956	130627
C	193m S	Tanks	1949 - 1956	126284
C	193m S	Tanks	1956	135776
E	195m NW	Unspecified Tank	1932	116103
C	195m S	Tanks	1949	137800
E	195m NW	Unspecified Tank	1908 - 1932	136376
C	197m SW	Tanks	1949 - 1953	125647
C	197m S	Tanks	1933	107019
E	198m NW	Unspecified Tank	1949 - 1953	137561
C	199m SW	Unspecified Tank	1893	115896
C	199m SW	Unspecified Tank	1893	115894
C	199m S	Tanks	1933	106987
C	200m SW	Unspecified Tank	1949 - 1953	123188
C	200m SE	Tanks	1956	148736
C	200m SW	Unspecified Tank	1949 - 1980	146400
E	201m NW	Unspecified Tank	1949 - 1953	141153
C	202m SE	Tanks	1949	135168
E	202m NW	Unspecified Tank	1949 - 1953	132611
C	202m SW	Unspecified Tank	1932	116143
C	204m SW	Tanks	1893	106901
C	205m S	Unspecified Tank	1949 - 1953	131278
C	205m SW	Unspecified Tank	1908 - 1932	141627
E	206m NW	Unspecified Tank	1949	116106



ID	Location	Land use	Dates present	Group ID
C	206m SW	Unspecified Tank	1980	116146
C	206m SW	Tanks	1893	107015
C	208m SW	Tanks	1893	106899
C	208m SW	Tanks	1932	106900
C	210m S	Unspecified Tank	1956	115886
C	210m SW	Unspecified Tank	1893	131377
C	211m SE	Tanks	1949 - 1956	134555
C	211m SW	Unspecified Tank	1949 - 1953	143284
C	211m SW	Unspecified Tank	1922	116142
E	217m NW	Unspecified Tank	1949 - 1953	135773
E	217m NW	Unspecified Tank	1949	124488
C	217m S	Tanks	1956	107021
C	218m W	Unspecified Tank	1908	116132
C	219m SE	Tanks	1949 - 1956	140103
C	220m SW	Unspecified Tank	1893	116144
C	220m W	Unspecified Tank	1908	116131
C	221m SW	Unspecified Tank	1994 - 1996	148606
C	223m SW	Tanks	1980	107010
C	223m SW	Unspecified Tank	1991	125828
C	223m SW	Tanks	1980	107003
C	223m SW	Unspecified Tank	1933	115897
C	225m SW	Tanks	1949 - 1953	127812
C	225m SW	Tanks	1949	140484
C	228m SW	Tanks	1949 - 1953	144164
C	228m SW	Unspecified Tank	1922	140591
C	228m SW	Tanks	1949	124694
C	229m S	Unspecified Tank	1949 - 1956	126226
C	230m SW	Tanks	1980	149111



ID	Location	Land use	Dates present	Group ID
C	230m SW	Tanks	1933	107009
C	231m SW	Tanks	1893	107007
C	231m SE	Tanks	1949	106986
C	231m SW	Unspecified Tank	1953	128959
C	231m SW	Unspecified Tank	1949	135741
C	232m SW	Unspecified Tank	1949 - 1953	143527
C	232m SW	Tanks	1949	107002
C	233m SW	Tanks	1933	146085
C	233m SW	Unspecified Tank	1893	116145
C	234m SW	Tanks	1953	126100
C	234m SW	Tanks	1949	133204
C	235m S	Tanks	1908 - 1922	127800
C	236m S	Unspecified Tank	1949 - 1956	146208
C	244m SE	Unspecified Tank	1908 - 1922	124394
C	245m SE	Unspecified Tank	1956	116218
L	245m SE	Unspecified Tank	1970	122422
L	245m SE	Unspecified Tank	1949	132584
L	245m SE	Unspecified Tank	1956	148814
C	245m S	Unspecified Tank	1933	116210
L	245m SE	Unspecified Tank	1949	140290
C	245m SW	Unspecified Tank	1922	115901
C	245m SE	Tanks	1956	123849
C	247m SE	Tanks	1956	145795
C	248m SE	Tanks	1933	122356
C	249m SE	Tanks	1933	143424
C	252m SW	Tanks	1893	107008
F	253m NW	Unspecified Tank	1953	116108
C	254m SW	Unspecified Tank	1893 - 1908	126323

ID	Location	Land use	Dates present	Group ID
C	256m SW	Unspecified Tank	1922	115902
F	260m NW	Unspecified Tank	1949	137467
C	261m SW	Tanks	1893	107012
C	264m SW	Tanks	1908	107013
C	265m S	Unspecified Tank	1956	115885
C	266m SW	Tanks	1922	125089
C	266m S	Tanks	1949	107029
F	268m NW	Unspecified Tank	1949	140973
C	269m SW	Tanks	1933 - 1949	148054
C	270m SW	Tanks	1949	146265
C	271m SW	Unspecified Tank	1893	115904
C	272m SW	Unspecified Tank	1893 - 1933	142254
C	272m SW	Tanks	1953	129972
C	273m SW	Tanks	1893 - 1933	140329
C	273m SW	Unspecified Tank	1893	115899
C	273m S	Tanks	1949	107028
C	276m S	Unspecified Tank	1949	130128
C	276m S	Unspecified Tank	1956	131935
C	276m SW	Tanks	1933	142307
C	276m S	Unspecified Tank	1949	146493
C	280m SE	Unspecified Tank	1956	116199
C	281m SW	Unspecified Tank	1893	115905
C	286m S	Tanks	1933 - 1956	144281
C	291m SE	Tanks	1949 - 1956	126643
C	291m SE	Tanks	1949	132100
C	293m S	Unspecified Tank	1933	116209
C	295m S	Oil Tanks	1908 - 1922	147443
C	297m SE	Tanks	1933	106985



ID	Location	Land use	Dates present	Group ID
C	298m SW	Tanks	1893	107011
C	299m SW	Tanks	1953	122866
F	300m NW	Unspecified Tank	1953	116107
C	301m SW	Tanks	1893	107014
C	302m SW	Tanks	1949	129387
C	303m SW	Tanks	1893	107030
J	305m W	Tank or Trough	1893	121465
C	307m S	Tanks	1956	107032
C	308m SE	Unspecified Tank	1956	116198
F	309m NW	Tanks	1932	106940
C	310m SW	Tanks	1953 - 1980	142664
C	310m SW	Unspecified Tank	1953	126605
C	311m SW	Unspecified Tank	1893 - 1922	125313
F	312m NW	Unspecified Tank	1949	124118
C	313m SW	Tanks	1893	107031
C	314m S	Unspecified Tank	1994	115884
C	317m S	Unspecified Tank	1996	145491
C	317m SE	Tanks	1933	106984
C	318m SE	Tanks	1949 - 1956	136973
C	318m S	Unspecified Tank	1933	116208
H	321m N	Unspecified Tank	1949 - 1953	137913
C	321m SE	Unspecified Tank	1956	116197
C	322m SE	Unspecified Tank	1933	116207
C	322m SW	Unspecified Tank	1893	115898
C	322m SE	Unspecified Tank	1956	127041
C	322m SE	Unspecified Tank	1949	133058
C	323m SE	Unspecified Tank	1949	144528
C	330m SE	Unspecified Tank	1956	116200

ID	Location	Land use	Dates present	Group ID
C	330m SE	Tanks	1956	142343
C	332m SE	Tanks	1949	134551
C	332m SE	Tanks	1949	143724
C	335m SW	Tanks	1953	107034
F	337m NW	Unspecified Tank	1953	116109
H	337m N	Unspecified Tank	1949	125746
H	337m N	Unspecified Tank	1953	140757
H	337m N	Unspecified Tank	1949	147068
C	338m SW	Unspecified Tank	1949	133578
C	338m SW	Unspecified Tank	1949	136267
C	340m SE	Tanks	1933	107027
C	340m SE	Unspecified Tank	1949 - 1956	145897
C	347m SW	Unspecified Tank	1922	115903
C	351m SE	Tanks	1949 - 1956	132932
C	352m SE	Unspecified Tank	1933	116196
C	352m SE	Tanks	1949	143331
C	357m SE	Unspecified Tank	1949 - 1956	137750
C	364m SE	Unspecified Tank	1949 - 1956	133623
C	364m SE	Unspecified Tank	1933	116203
C	365m SE	Unspecified Tank	1949	124403
C	365m SE	Unspecified Tank	1949 - 1956	149350
H	366m NW	Tanks	1949	126621
C	366m S	Tanks	1949 - 1956	140052
C	368m S	Unspecified Tank	1949 - 1956	145954
Q	368m SE	Tanks	1949 - 1970	137054
C	371m SE	Tanks	1933	107025
C	374m SE	Unspecified Tank	1933	116206
C	377m S	Tanks	1956	107035



ID	Location	Land use	Dates present	Group ID
C	381m S	Tanks	1956	107036
C	382m S	Unspecified Tank	1949	116205
C	382m SW	Tanks	1922	107033
C	383m S	Tanks	1949 - 1956	131440
C	385m S	Unspecified Tank	1949 - 1956	139879
C	385m SE	Unspecified Tank	1949	126295
C	385m S	Unspecified Tank	1949	116204
N	386m E	Tanks	1995 - 1996	148941
Q	387m SE	Unspecified Tank	1956	116216
C	387m S	Tanks	1949 - 1956	147326
Q	389m SE	Unspecified Tank	1956	116215
F	390m NW	Unspecified Tank	1953	116110
Q	392m SE	Unspecified Tank	1956	116217
C	395m SE	Unspecified Tank	1956	116201
A	396m SE	Tanks	1922	107026
C	398m SE	Unspecified Tank	1949	128521
Q	399m SE	Tanks	1949 - 1970	136758
C	399m S	Unspecified Tank	1949 - 1956	145907
C	399m S	Unspecified Tank	1949	144706
C	401m SE	Unspecified Tank	1956	116202
C	404m S	Tanks	1949 - 1956	148595
N	407m E	Unspecified Tank	1972 - 1983	132892
C	407m S	Tanks	1949	107043
N	408m E	Unspecified Tank	1979	128235
N	409m E	Tanks	1995 - 1996	147358
C	409m S	Tanks	1949 - 1956	123351
N	409m E	Tanks	1983	135740
C	413m S	Tanks	1949	128453



ID	Location	Land use	Dates present	Group ID
C	413m S	Tanks	1949 - 1956	122910
C	415m S	Tanks	1933	107040
C	417m S	Unspecified Tank	1949 - 1956	138019
C	422m SW	Unspecified Tank	1893	115876
W	423m SW	Unspecified Tank	1922	115877
M	424m NW	Unspecified Tank	1949	132231
M	425m N	Tanks	1953	106939
F	425m NW	Unspecified Tank	1953	116111
W	444m SW	Tanks	1893	107037
F	450m NW	Tanks	1893	106923
Z	455m SE	Unspecified Tank	1950	143296
Z	456m SE	Unspecified Tank	1950	122548
F	456m NW	Tanks	1893	106924
R	462m W	Unspecified Tank	1893	116134
N	466m E	Unspecified Tank	1983	116221
N	466m E	Tanks	1972 - 1983	133020
N	468m E	Unspecified Tank	1979	116220
N	470m E	Unspecified Tank	1972	116219
N	470m E	Tanks	1950	123616
N	471m E	Unspecified Tank	1983	141866
R	480m W	Tanks	1953 - 1985	138315
Y	481m N	Unspecified Tank	1949 - 1953	132858
A	486m SE	Unspecified Tank	1949 - 1970	135938
13	496m NW	Unspecified Tank	1949 - 1953	125977

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

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

Features are displayed on the Past land use map on [page 13](#) >

ID	Location	Land use	Dates present	Group ID
C	71m S	Gasometer	1908 - 1932	73248
C	87m SE	Electricity Substation	1949 - 1991	71318
C	88m SE	Electricity Substation	1994	69928
E	121m NW	Electricity Substation	1985	75460
E	121m NW	Electricity Substation	1989	69601
D	155m N	Electricity Substation	1978	73456
D	155m N	Electricity Substation	1972 - 1997	79248
C	157m SE	Electricity Substation	1949	73971
C	157m SE	Electricity Substation	1949 - 1956	67292
F	163m NW	Electricity Generating Station	1908 - 1922	69584
F	173m NW	Electricity Generating Station	1949	75559
F	174m NW	Electricity Generating Station	1949	67122
G	174m E	Electricity Substation	1949 - 1994	74141
G	174m E	Electricity Substation	1986 - 1987	79871
G	175m E	Electricity Substation	1949	68710
G	176m E	Electricity Substation	1997	67404
G	190m E	Electricity Substation	1949	81157
C	236m S	Electricity Substation	1949	62207
C	242m S	Electricity Substation	1949 - 1956	68410
C	245m SE	Electricity Substation	1970 - 1994	70493
C	248m SE	Electricity Substation	1949 - 1956	67188



ID	Location	Land use	Dates present	Group ID
C	249m SW	Electricity Substation	1980	66361
C	249m SW	Electricity Substation	1953	71571
C	252m SW	Electricity Substation	1949	71828
L	261m SE	Electricity Substation	1949 - 1970	84080
C	264m SW	Electricity Substation	1994	68888
C	264m SW	Electricity Substation	1996	69701
C	264m SW	Electricity Substation	1995	74124
C	264m SW	Electricity Substation	1996	75956
C	265m SW	Electricity Substation	1991	74138
5	296m E	Electricity Substation	1956 - 1994	75041
C	298m SE	Electricity Substation	1949 - 1956	65590
C	299m SE	Electricity Substation	1949	69688
J	331m W	Electricity Substation	1991 - 1996	65964
P	346m NW	Electricity Substation	1985	66511
P	346m NW	Electricity Substation	1949 - 1989	69908
C	386m S	Electricity Substation	1949	74084
C	387m S	Electricity Substation	1949 - 1980	79405
U	411m N	Electricity Transformer Station	1985	63378
U	413m N	Electricity Substation	1994	66021
X	425m NE	Electricity Substation	1972 - 1986	84923
X	425m NE	Electricity Substation	1997	66931
U	472m NW	Electricity Substation	1985	85433
A	475m SE	Electricity Substation	1956 - 1970	70055
U	477m NW	Electricity Substation	1989	81063
R	493m W	Electricity Substation	1949 - 1953	82552

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m**0**

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m**7**

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

Features are displayed on the Past land use map on [page 13](#) >

ID	Location	Land use	Dates present	Group ID
2	124m NE	Garage	1978	20327
D	139m N	Garage	1997	22667
D	139m N	Garage	1972 - 1986	24761
D	139m N	Garage	1978	21189
K	211m NE	Garage	1972	20329
K	240m NE	Garage	1972	20330
4	265m NE	Garage	1972	20328

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m**0**

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

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



- Site Outline
- Search buffers in metres (m)
-  Historical industrial land uses
 -  Historical tanks
 -  Historical energy features
 -  Historical garages

Records within 500m	291
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Features are displayed on the Past land use - un-grouped map on [page 40](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1938	882010
A	On site	Railway Sidings	1933	968150
A	On site	Chemical Works	1968	884000

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Commercial/Industrial	1933	990094
A	On site	Chemical Works	1921	974713
A	On site	Chemical Works	1906	950978
A	On site	Chemical Works	1891	884944
A	On site	Unspecified Commercial/Industrial	1956	853511
A	On site	Unspecified Works	1985	943793
A	On site	Unspecified Works	1991	943793
A	On site	Unspecified Commercial/Industrial	1923	976600
B	On site	Steel Works	1956	810023
C	On site	Unspecified Works	1968	830471
A	1m SW	Unspecified Works	1968	984377
A	11m S	Refuse Heap	1923	990889
A	11m S	Refuse Heap	1921	957108
D	17m N	Oil Works	1923	864827
E	19m NW	Unspecified Works	1923	848942
A	19m E	Unspecified Works	1968	830470
D	20m N	Oil Works	1921	864827
D	20m N	Unspecified Commercial/Industrial	1933	796764
E	20m NW	Unspecified Works	1921	848942
A	21m S	Unspecified Heap	1956	923971
A	21m SW	Chemical Works	1923	852811
D	22m N	Unspecified Works	1991	926651
D	23m N	Unspecified Works	1985	898710
A	29m SE	Railway Building	1938	820498
A	36m S	Railway Sidings	1978	846139
E	52m W	Unspecified Works	1968	912430
A	55m W	Unspecified Works	1985	909589
A	55m W	Unspecified Works	1991	909589



ID	Location	Land Use	Date	Group ID
A	57m S	Refuse Heap	1906	858305
A	61m SE	Refuse Heap	1891	858305
A	65m SE	Unspecified Works	1985	940096
D	65m NW	Unspecified Works	1978	847531
A	68m SE	Unspecified Works	1923	856782
A	73m S	Unspecified Tank	1938	901748
A	74m S	Unspecified Tank	1921	922414
A	74m S	Unspecified Tank	1906	922414
A	74m S	Unspecified Tank	1933	922414
A	74m S	Unspecified Tank	1923	922414
E	90m W	Unspecified Works	1985	881370
E	90m W	Unspecified Works	1978	871981
E	90m W	Unspecified Works	1991	881370
1	97m W	Colliery	1851	798316
D	99m N	Chemical Works	1891	834550
D	106m N	Brick Kiln	1851	811031
A	109m SW	Unspecified Works	1923	971621
A	109m SE	Unspecified Works	1978	962557
A	112m SW	Unspecified Works	1978	896127
A	116m W	Unspecified Commercial/Industrial	1906	934228
E	118m W	Chemical Works	1921	885077
E	118m W	Chemical Works	1906	885077
E	118m W	Chemical Works	1933	885077
E	118m W	Chemical Works	1923	885077
A	121m SE	Unspecified Works	1991	870723
E	121m W	Unspecified Works	1968	866157
D	122m N	Unspecified Works	1991	898710
D	125m N	Unspecified Works	1985	898710



ID	Location	Land Use	Date	Group ID
A	125m W	Chemical Works	1923	883999
A	128m S	Alkali Works	1915	908859
A	128m S	Refuse Heap	1915	858305
D	129m N	Refuse Heap	1891	829165
A	130m S	Refuse Heap	1905	858305
A	130m S	Railway Sidings	1934	968150
A	130m S	Unspecified Commercial/Industrial	1938	888176
F	130m S	Railway Sidings	1938	882010
F	130m S	Railway Sidings	1938	882010
A	130m S	Unspecified Commercial/Industrial	1905	934228
A	130m S	Alkali Works	1938	961180
A	130m S	Alkali Works	1934	961180
A	132m S	Unspecified Heap	1938	913510
A	132m S	Unspecified Heap	1934	913510
D	133m N	Unspecified Works	1978	847531
A	135m S	Chemical Works	1890	884944
A	135m S	Unspecified Works	1915	960638
A	135m SW	Unspecified Commercial/Industrial	1851	976601
A	136m S	Refuse Heap	1890	858305
A	137m S	Unspecified Works	1905	851601
E	137m NW	Brick Field	1891	817951
A	138m S	Chemical Works	1934	888408
A	140m S	Refuse	1956	802112
D	143m N	Unspecified Works	1968	918867
A	153m W	Unspecified Works	1968	830473
G	153m NW	Mineral Railway Sidings	1938	884558
G	153m NW	Mineral Railway Sidings	1933	884558
A	159m SW	Unspecified Commercial/Industrial	1891	898012

ID	Location	Land Use	Date	Group ID
I	163m NW	Mineral Railway Sidings	1906	981108
A	165m S	Refuse Heap	1968	925604
J	167m SE	Finishing Works	1921	946441
J	167m SE	Finishing Works	1906	946441
J	167m SE	Unspecified Commercial/Industrial	1891	972255
J	167m SE	Finishing Works	1938	946441
J	167m SE	Finishing Works	1933	946441
J	167m SE	Finishing Works	1923	946441
A	167m SW	Unspecified Tank	1906	854058
A	167m SW	Unspecified Tank	1891	984869
A	167m SW	Unspecified Tank	1938	854058
A	167m SW	Unspecified Tank	1933	854058
A	167m SW	Unspecified Tank	1923	923831
J	169m E	Unspecified Works	1968	922944
G	169m NW	Railway Sidings	1921	984262
J	170m E	Unspecified Works	1985	884614
J	170m E	Unspecified Works	1978	910195
J	170m E	Unspecified Works	1991	884614
A	170m W	Unspecified Commercial/Industrial	1923	976599
A	171m SW	Unspecified Tank	1891	929119
A	171m SW	Chemical Works	1915	950978
A	172m W	Unspecified Tank	1906	825294
A	176m SW	Unspecified Commercial/Industrial	1934	990094
A	176m SW	Unspecified Tank	1906	954049
G	177m NW	Electricity Generating Station	1921	989056
G	177m NW	Electricity Generating Station	1906	989056
G	177m NW	Unspecified Commercial/Industrial	1938	943603
G	177m NW	Unspecified Commercial/Industrial	1933	943603



ID	Location	Land Use	Date	Group ID
G	177m NW	Electricity Generating Station	1923	989056
K	180m W	Unspecified Works	1985	979935
K	180m W	Unspecified Works	1991	979935
K	180m W	Unspecified Works	1968	934878
A	182m SW	Unspecified Tank	1923	942989
A	187m SW	Chimney	1851	835765
A	188m W	Unspecified Tank	1906	825295
A	194m SW	Unspecified Tank	1915	825263
3	204m N	Unspecified Ground Workings	1923	800633
A	205m SW	Unspecified Tank	1891	825264
A	206m SE	Unspecified Tank	1923	825262
A	213m SW	Unspecified Tank	1923	825265
A	215m W	Unspecified Tank	1891	825298
A	218m W	Unspecified Tank	1891	852618
A	219m SW	Unspecified Tank	1923	825266
A	222m W	Unspecified Tank	1906	825297
A	224m W	Unspecified Tank	1906	852618
A	233m W	Unspecified Depot	1985	818423
E	235m NW	Unspecified Ground Workings	1906	800643
A	237m SE	Unspecified Commercial/Industrial	1968	926845
A	239m W	Unspecified Works	1968	830472
A	239m SW	Chemical Works	1851	965952
A	239m SW	Refuse Heap	1938	935650
A	240m SW	Refuse Heap	1934	935650
G	240m NW	Railway Sidings	1923	984262
A	242m SE	Unspecified Tank	1915	911915
E	243m NW	Unspecified Pit	1938	840552
A	244m SE	Unspecified Tank	1923	911915

ID	Location	Land Use	Date	Group ID
K	245m W	Unspecified Works	1968	865836
A	252m W	Unspecified Commercial/Industrial	1923	976598
G	252m NW	Unspecified Tanks	1968	815392
A	253m SW	Unspecified Tank	1905	825259
A	253m SW	Colliery	1851	798314
K	255m W	Engineering Works	1921	917015
K	257m W	Engineering Works	1923	917015
A	268m S	Unspecified Works	1978	865300
A	269m SW	Unspecified Works	1968	830486
A	269m SW	Unspecified Tank	1915	976902
A	272m SW	Unspecified Tank	1915	871679
A	272m S	Unspecified Disused Mill	1905	827218
A	274m SW	Unspecified Tank	1923	952557
A	278m SW	Unspecified Tank	1923	871679
A	284m W	Coal Pit	1851	808491
A	286m S	Oil Tanks	1915	934088
A	286m S	Oil Tanks	1905	975013
A	286m S	Oil Tanks	1923	852756
A	286m SW	Unspecified Works	1985	871686
N	287m NW	Unspecified Works	1985	923303
A	288m S	Unspecified Works	1985	870723
A	288m S	Unspecified Works	1991	870723
A	290m SW	Unspecified Works	1968	854915
O	290m E	Unspecified Commercial/Industrial	1923	796793
A	291m S	Unspecified Tank	1938	914329
A	292m SW	Unspecified Tanks	1968	815401
A	292m S	Unspecified Tank	1934	914329
I	294m N	Unspecified Heap	1923	804178



ID	Location	Land Use	Date	Group ID
O	295m E	Chemical Works	1978	918950
A	297m SW	Wheel Works	1915	949526
O	299m E	Unspecified Works	1968	849751
N	299m NW	Unspecified Works	1978	990122
N	299m NW	Electric Generating Station	1968	842028
A	300m S	Unspecified Tank	1938	914329
A	300m SW	Chemical Works	1905	971581
A	300m SW	Wheel Works	1923	949526
A	300m SW	Chemical Works	1923	857688
A	302m S	Unspecified Tank	1934	914329
O	302m E	Chemical Works	1891	981333
O	302m E	Unspecified Works	1985	929483
O	302m E	Unspecified Works	1991	929483
A	302m SW	Disused Chemical Works	1938	866287
A	302m SW	Disused Chemical Works	1934	866287
A	303m SW	Size Works	1923	908918
A	305m SW	Chemical Works	1915	857688
A	308m SW	Size Works	1938	991102
A	308m SW	Unspecified Works	1934	901782
A	308m SW	Unspecified Works	1915	877861
G	309m NW	Unspecified Tank	1938	936093
Q	309m SE	Railway Sidings	1934	882010
Q	309m SE	Engineering Works	1934	912693
G	310m NW	Unspecified Tank	1968	924537
G	310m NW	Unspecified Tank	1933	936093
A	313m SW	Unspecified Tank	1923	825267
I	313m N	Chemicals Works	1891	795013
A	313m S	Unspecified Tank	1934	825249



ID	Location	Land Use	Date	Group ID
A	315m S	Unspecified Mill	1890	961717
Q	318m SE	Railway Sidings	1968	862695
R	330m NW	Unspecified Mill	1985	976402
Q	330m SE	Railway Sidings	1956	877918
Q	332m SE	Engineering Works	1923	951144
R	337m NW	Unspecified Mill	1968	853462
A	339m S	Unspecified Mill	1851	961717
G	348m NW	Unspecified Mills	1891	917092
G	353m NW	Unspecified Mills	1921	981518
G	353m NW	Unspecified Mills	1906	981518
G	353m NW	Unspecified Mills	1923	981518
A	360m S	Unspecified Ground Workings	1934	800644
A	360m S	Unspecified Heap	1938	804174
A	368m S	Unspecified Works	1915	912251
Q	369m SE	Unspecified Works	1968	923446
T	369m W	Colliery	1968	890493
A	372m S	Unspecified Works	1923	912251
A	374m S	Unspecified Heap	1938	804175
T	375m W	Colliery	1891	971185
N	381m NW	Unspecified Tanks	1978	815393
N	381m NW	Chimneys	1968	844028
5	382m W	Coal Pit	1851	808493
G	382m NW	Unspecified Works	1985	927491
G	382m NW	Unspecified Works	1991	927491
U	385m SE	Motor Works	1905	833283
O	389m E	Brewery	1968	958488
O	391m E	Brewery	1923	913193
O	403m E	Brewery	1921	904415

ID	Location	Land Use	Date	Group ID
O	403m E	Vinegar Brewery	1906	831121
O	403m E	Brewery	1938	854933
O	403m E	Brewery	1933	854933
V	409m SE	Engineering Works	1938	884631
Q	416m SE	Unspecified Heap	1985	854063
Q	416m SE	Unspecified Heap	1991	854063
A	418m SW	Unspecified Tank	1934	825268
A	418m SW	Unspecified Tanks	1915	815400
T	418m W	Colliery	1851	887196
Q	419m SE	Railway Sidings	1915	870808
T	419m W	Unspecified Depot	1985	983795
T	419m W	Unspecified Depot	1991	983795
X	421m NE	Brick Works	1906	964206
T	430m W	Iron Works	1956	988439
T	433m W	Colliery	1921	878194
T	433m W	Colliery	1906	878194
T	433m W	Railway Sidings	1906	845027
T	433m W	Colliery	1923	878194
T	434m W	Unspecified Commercial/Industrial	1938	879239
T	434m W	Unspecified Commercial/Industrial	1933	879239
Q	438m SE	Railway Sidings	1923	924696
O	440m SE	Refuse Heap	1968	927998
X	443m NE	Brick Works	1923	925321
G	443m NW	Unspecified Works	1968	848975
O	446m SE	Refuse Heap	1956	927998
6	447m S	Coal Pit	1851	808506
X	448m NE	Brick Works	1921	925321
AA	449m N	Railway Sidings	1956	911076

ID	Location	Land Use	Date	Group ID
AA	449m N	Railway Sidings	1968	911076
AB	450m N	Unspecified Works	1891	830466
AC	454m SE	Unspecified Tank	1968	825260
T	455m W	Unspecified Disused Shafts	1991	958517
T	456m W	Railway Sidings	1938	923517
T	456m W	Railway Sidings	1933	923517
7	457m N	Unspecified Ground Workings	1906	800634
T	458m W	Unspecified Disused Shafts	1985	877729
T	460m W	Unspecified Disused Shafts	1985	849285
T	465m W	Unspecified Shafts	1978	809312
T	466m W	Railway Sidings	1923	872908
T	467m W	Unspecified Shafts	1978	809313
AD	468m W	Unspecified Commercial/Industrial	1891	895595
X	471m NE	Unspecified Ground Workings	1906	800635
W	472m NW	Electric Substation	1985	982245
W	472m NW	Electric Substation	1991	982245
T	473m W	Railway Sidings	1921	872908
AE	473m S	Unspecified Works	1985	950101
AE	473m S	Unspecified Works	1991	950101
AE	473m S	Unspecified Works	1968	953001
O	474m SE	Sand Pit	1923	904794
AD	475m W	Unspecified Works	1985	988793
U	478m SE	Unspecified Pit	1890	840558
AD	481m W	Unspecified Commercial/Industrial	1978	895595
AD	481m W	Unspecified Works	1968	868023
O	482m E	Refuse Heap	1956	891215
O	483m SE	Sand Pit	1915	904794
O	483m E	Refuse Heap	1968	891215



ID	Location	Land Use	Date	Group ID
V	484m SE	Unspecified Works	1978	878377
AF	488m S	Unspecified Works	1968	922875
8	489m SE	Dye Works	1851	870141
9	491m NW	Unspecified Works	1968	830467
AF	492m S	Unspecified Works	1985	862949
T	492m W	Coal Pit	1851	808492
V	492m SE	Unspecified Works	1985	985355
AF	499m S	Dye Works	1923	920128

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	634
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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 40 >](#)

ID	Location	Land Use	Date	Group ID
C	On site	Tanks	1932	147569
C	On site	Tanks	1949	141083
C	On site	Unspecified Tank	1949	132250
C	On site	Tanks	1949	147569
C	On site	Unspecified Tank	1956	132250
C	On site	Tanks	1956	147569
C	On site	Tanks	1949	147569
C	On site	Tanks	1949	141083
A	5m SW	Tanks	1980	145616
A	5m SW	Tanks	1970	145616
A	9m W	Unspecified Tank	1908	116153
A	18m SW	Tanks	1949	129322



ID	Location	Land Use	Date	Group ID
A	18m SW	Tanks	1949	147383
A	20m SW	Tanks	1949	144568
A	23m SE	Tanks	1949	130026
A	23m SE	Tanks	1949	147429
A	26m SE	Tanks	1932	137765
A	27m SW	Unspecified Tank	1956	116154
A	29m SW	Tanks	1956	143578
A	29m E	Tanks	1893	106915
A	34m SW	Tanks	1956	106917
A	41m E	Tanks	1893	106913
D	41m NW	Tanks	1893	145942
A	45m E	Tanks	1908	106916
D	48m NW	Tanks	1908	106941
A	49m SE	Tanks	1908	149311
A	49m SE	Tanks	1922	149311
A	51m E	Tanks	1908	106914
A	52m SE	Unspecified Tank	1908	130097
A	52m SE	Unspecified Tank	1922	130097
A	56m SE	Unspecified Tank	1908	147975
A	56m SE	Unspecified Tank	1922	147975
A	57m SW	Unspecified Tank	1949	125137
A	57m SW	Unspecified Tank	1949	125137
A	57m SW	Unspecified Tank	1956	125137
D	57m NW	Tanks	1908	141266
A	60m SE	Unspecified Tank	1922	116231
A	62m NE	Unspecified Tank	1932	116230
A	63m SE	Unspecified Tank	1908	129690
A	63m SE	Unspecified Tank	1922	129690

ID	Location	Land Use	Date	Group ID
A	65m SE	Unspecified Tank	1908	116228
A	66m S	Unspecified Tank	1949	138481
A	66m S	Unspecified Tank	1956	138481
A	66m S	Unspecified Tank	1949	138481
A	68m SE	Unspecified Tank	1908	144291
A	68m SE	Unspecified Tank	1922	144291
A	70m SW	Tanks	1949	122935
A	70m SW	Tanks	1956	122935
A	70m SW	Tanks	1949	122935
A	71m S	Gasometer	1908	135678
A	71m S	Gasometer	1922	135678
A	71m S	Gasometer	1932	135678
A	72m E	Tanks	1956	106912
A	74m SE	Unspecified Tank	1956	116223
A	78m E	Unspecified Tank	1922	130905
A	78m E	Unspecified Tank	1932	130905
D	79m N	Tanks	1893	106942
A	80m S	Unspecified Tank	1949	129535
A	80m S	Unspecified Tank	1956	129535
A	80m E	Unspecified Tank	1932	116232
A	82m S	Tanks	1949	106909
A	82m S	Unspecified Tank	1949	133157
A	82m S	Unspecified Tank	1956	133157
A	83m SE	Tanks	1949	127388
A	83m SE	Tanks	1949	127388
A	83m SE	Tanks	1956	127388
A	84m SE	Unspecified Tank	1932	116227
D	85m NW	Unspecified Tank	1908	116152

ID	Location	Land Use	Date	Group ID
E	87m NW	Unspecified Tank	1908	116150
A	90m SE	Unspecified Tank	1932	116224
A	91m SW	Tanks	1949	127871
A	91m SW	Tanks	1949	127871
A	91m SW	Unspecified Tank	1956	116155
A	93m SW	Unspecified Tank	1956	116157
A	94m S	Tanks	1956	106903
E	98m W	Unspecified Tank	1908	116151
A	98m E	Tanks	1956	145441
A	99m S	Tanks	1956	135686
A	100m S	Tanks	1949	139548
A	100m S	Tanks	1949	139548
A	101m S	Unspecified Tank	1956	116158
A	102m E	Tanks	1949	145441
A	103m SE	Unspecified Tank	1932	116226
E	105m NW	Unspecified Tank	1908	116149
A	106m S	Tanks	1980	132520
A	106m S	Tanks	1980	134738
A	107m S	Tanks	1970	134738
A	107m S	Tanks	1970	125368
A	107m SE	Tanks	1908	106911
A	108m S	Tanks	1970	134893
A	108m E	Unspecified Tank	1956	116233
A	109m S	Tanks	1956	106902
A	110m S	Tanks	1970	149120
D	112m N	Tanks	1949	106938
D	115m N	Unspecified Tank	1949	116105
A	117m S	Tanks	1994	130302

ID	Location	Land Use	Date	Group ID
D	118m N	Tanks	1949	143710
D	118m N	Tanks	1949	143710
A	119m S	Tanks	1987	128908
A	119m S	Tanks	1991	128908
A	119m S	Tanks	1949	132520
A	119m SE	Unspecified Tank	1956	116225
A	119m S	Tanks	1949	125997
A	119m S	Tanks	1956	125997
A	119m E	Tanks	1970	146379
A	119m E	Tanks	1956	146379
A	120m SE	Tanks	1956	106910
A	121m E	Tanks	1980	146379
A	124m S	Tanks	1949	129500
A	124m S	Tanks	1956	129500
A	124m S	Tanks	1949	146047
A	124m S	Tanks	1956	146047
A	125m E	Unspecified Tank	1956	116234
A	125m SE	Tanks	1949	128110
A	125m SE	Tanks	1949	128110
A	125m SE	Tanks	1956	128110
A	125m E	Tanks	1949	129402
A	126m E	Tanks	1949	129402
A	126m E	Tanks	1970	129402
A	126m E	Tanks	1956	129402
A	127m S	Tanks	1980	128189
A	127m S	Tanks	1970	147267
A	127m S	Tanks	1956	147267
A	127m S	Tanks	1970	134022



ID	Location	Land Use	Date	Group ID
A	128m S	Unspecified Tank	1949	148566
A	128m S	Unspecified Tank	1956	148566
A	129m E	Unspecified Tank	1970	131573
A	129m E	Unspecified Tank	1956	131573
A	129m SW	Unspecified Tank	1956	116156
A	130m E	Unspecified Tank	1980	131573
E	130m NW	Tanks	1953	133368
E	130m NW	Tanks	1949	133368
A	133m SW	Tanks	1956	107001
D	135m N	Unspecified Tank	1922	116229
A	137m S	Tanks	1970	134955
A	137m S	Tanks	1949	134955
A	137m S	Tanks	1956	134955
A	137m SE	Tanks	1956	106908
A	137m S	Unspecified Tank	1949	125464
A	137m S	Unspecified Tank	1949	149190
A	138m S	Tanks	1970	145885
A	138m S	Tanks	1949	145885
A	138m S	Tanks	1956	145885
A	138m S	Tanks	1949	107000
A	138m S	Tanks	1949	139310
A	138m S	Tanks	1970	126070
A	138m S	Tanks	1956	126070
A	138m S	Tanks	1994	138407
A	138m S	Tanks	1949	140666
A	138m S	Tanks	1956	140666
A	139m SE	Tanks	1956	106907
A	139m S	Tanks	1949	140666

ID	Location	Land Use	Date	Group ID
A	140m S	Tanks	1987	138407
A	140m S	Tanks	1991	138407
A	141m SW	Unspecified Tank	1949	129303
A	142m SW	Unspecified Tank	1949	129303
E	143m NW	Tanks	1932	126372
E	144m NW	Tanks	1949	126372
E	144m NW	Tanks	1949	126372
A	145m S	Tanks	1949	106998
A	146m S	Tanks	1949	106999
E	148m NW	Unspecified Tank	1953	116148
A	149m S	Unspecified Tank	1956	116222
A	149m SE	Tanks	1908	106906
A	149m S	Unspecified Tank	1908	116211
E	149m NW	Tanks	1932	123263
A	151m SW	Tanks	1956	107004
A	151m SE	Tanks	1956	106996
A	151m SE	Tanks	1949	147755
A	152m SE	Tanks	1949	147755
A	152m SE	Tanks	1956	147755
A	152m SE	Tanks	1949	130314
A	152m SE	Tanks	1956	130314
A	152m S	Tanks	1956	106997
E	152m NW	Tanks	1953	144825
E	152m NW	Tanks	1949	144825
A	152m SE	Tanks	1949	130314
A	152m S	Tanks	1933	106991
E	152m NW	Tanks	1949	144825
A	153m S	Tanks	1980	134369

ID	Location	Land Use	Date	Group ID
A	153m S	Tanks	1970	134369
A	153m S	Tanks	1956	134369
H	154m E	Unspecified Tank	1980	126030
A	154m S	Tanks	1949	129933
A	154m S	Tanks	1949	129933
H	155m E	Unspecified Tank	1987	123928
H	155m E	Unspecified Tank	1991	123928
H	155m E	Unspecified Tank	1970	136270
H	155m E	Unspecified Tank	1956	136270
A	156m SE	Tanks	1933	128745
A	156m S	Unspecified Tank	1949	143950
A	156m S	Unspecified Tank	1956	143950
A	156m S	Unspecified Tank	1956	115891
A	157m SE	Unspecified Tank	1949	143387
A	157m SE	Unspecified Tank	1956	143387
A	157m SE	Tanks	1956	106905
A	158m W	Tanks	1980	135435
A	158m W	Tanks	1996	135435
A	158m W	Tanks	1996	135435
A	158m W	Tanks	1995	135435
A	158m W	Tanks	1994	135435
A	159m W	Tanks	1991	135435
A	159m SE	Tanks	1933	148293
A	161m S	Tanks	1956	136070
A	161m SE	Unspecified Tank	1949	123851
A	161m SE	Unspecified Tank	1956	123851
A	162m SE	Tanks	1949	140552
A	163m S	Unspecified Tank	1922	115890

ID	Location	Land Use	Date	Group ID
A	164m S	Unspecified Tank	1956	116213
E	164m NW	Unspecified Tank	1953	127483
E	164m NW	Unspecified Tank	1949	146177
A	164m SW	Unspecified Tank	1908	135606
A	164m SW	Unspecified Tank	1922	135606
A	164m SW	Unspecified Tank	1932	135606
E	164m NW	Unspecified Tank	1949	142735
A	165m S	Tanks	1956	140497
A	165m E	Tanks	1949	125749
A	165m E	Tanks	1956	125749
A	165m E	Unspecified Tank	1932	128827
A	165m E	Unspecified Tank	1949	128827
A	165m S	Tanks	1933	106990
A	165m SW	Tanks	1980	126525
A	166m SW	Tanks	1996	130435
A	166m SW	Tanks	1996	130435
A	166m SW	Tanks	1995	130435
A	166m SW	Tanks	1994	122430
A	166m S	Unspecified Tank	1949	129419
E	166m NW	Unspecified Tank	1932	116104
A	166m SW	Tanks	1991	123174
A	167m S	Unspecified Tank	1949	129419
A	167m S	Unspecified Tank	1956	129419
A	168m S	Unspecified Tank	1893	115892
A	169m S	Tanks	1994	142641
A	169m SE	Unspecified Tank	1949	142031
A	170m SE	Tanks	1932	130638
A	170m SE	Tanks	1956	141111

ID	Location	Land Use	Date	Group ID
A	171m SE	Unspecified Tank	1908	127575
A	171m SE	Unspecified Tank	1922	127575
A	171m SW	Unspecified Tank	1893	131619
E	171m NW	Unspecified Tank	1953	134719
E	171m NW	Unspecified Tank	1949	134719
A	172m SE	Tanks	1956	137053
A	172m S	Tanks	1949	107018
A	172m SW	Unspecified Tank	1922	143824
A	173m S	Unspecified Tank	1956	115889
A	173m S	Tanks	1949	127712
A	173m S	Tanks	1956	127712
A	173m SE	Tanks	1956	106995
A	173m S	Tanks	1922	141942
A	173m S	Tanks	1933	145111
A	174m S	Unspecified Tank	1922	140860
A	174m S	Tanks	1949	136076
A	174m S	Tanks	1956	136076
A	174m S	Tanks	1933	126460
A	174m S	Unspecified Tank	1933	140860
A	176m SW	Tanks	1953	146447
A	176m SW	Tanks	1949	146447
A	177m SW	Tanks	1949	123155
A	177m SE	Unspecified Tank	1922	116235
A	177m S	Unspecified Tank	1956	115887
A	177m SW	Tanks	1893	106918
A	177m SE	Tanks	1956	106994
A	178m SW	Unspecified Tank	1893	143824
A	179m SE	Tanks	1956	106904



ID	Location	Land Use	Date	Group ID
A	179m SW	Unspecified Tank	1932	116147
A	179m S	Tanks	1987	132827
A	179m S	Tanks	1991	132827
A	180m SE	Tanks	1933	106992
A	180m SW	Tanks	1953	107016
A	181m S	Tanks	1949	106988
E	182m NW	Unspecified Tank	1949	129924
A	182m S	Unspecified Tank	1956	115888
A	182m SE	Tanks	1933	106993
E	182m NW	Unspecified Tank	1949	129924
A	182m SW	Unspecified Tank	1949	115893
A	183m SW	Unspecified Tank	1893	144915
A	184m S	Tanks	1949	107020
A	184m SW	Tanks	1933	107005
A	184m S	Tanks	1956	106989
A	184m S	Unspecified Tank	1956	126992
A	184m S	Unspecified Tank	1949	148424
A	185m SE	Unspecified Tank	1949	124412
A	185m SE	Unspecified Tank	1949	124412
E	185m NW	Unspecified Tank	1932	116130
A	186m SW	Unspecified Tank	1908	137919
A	187m SW	Tanks	1980	126490
A	187m SW	Tanks	1953	126490
A	187m SW	Tanks	1949	126490
A	187m SW	Tanks	1949	144875
A	187m SW	Tanks	1991	128183
A	188m SW	Unspecified Tank	1949	115895
A	188m SW	Tanks	1953	107006

ID	Location	Land Use	Date	Group ID
A	189m S	Unspecified Tank	1933	148480
A	189m SW	Tanks	1996	141538
A	189m SW	Tanks	1996	141538
A	189m SW	Tanks	1995	141538
A	189m SW	Tanks	1994	141538
A	189m SW	Unspecified Tank	1933	126116
E	189m NW	Unspecified Tank	1949	128199
A	189m S	Unspecified Tank	1922	148480
A	189m SW	Unspecified Tank	1949	144142
A	190m SW	Tanks	1991	141538
A	190m S	Unspecified Tank	1933	116212
A	191m SW	Tanks	1949	107017
A	191m S	Unspecified Tank	1949	130627
A	191m S	Unspecified Tank	1956	130627
A	191m S	Unspecified Tank	1949	130627
A	193m S	Tanks	1949	126284
A	193m S	Tanks	1956	126284
A	193m S	Tanks	1949	126284
A	193m S	Tanks	1956	135776
E	195m NW	Unspecified Tank	1932	116103
A	195m S	Tanks	1949	137800
A	195m S	Tanks	1949	137800
E	195m NW	Unspecified Tank	1908	136376
E	195m NW	Unspecified Tank	1922	136376
E	195m NW	Unspecified Tank	1932	136376
A	197m SW	Tanks	1953	125647
A	197m SW	Tanks	1949	125647
A	197m SW	Tanks	1949	125647

ID	Location	Land Use	Date	Group ID
A	197m S	Tanks	1933	107019
E	198m NW	Unspecified Tank	1953	137561
E	198m NW	Unspecified Tank	1949	137561
E	198m NW	Unspecified Tank	1949	137561
A	199m SW	Unspecified Tank	1893	115896
A	199m SW	Unspecified Tank	1893	115894
A	199m S	Tanks	1933	106987
A	200m SW	Unspecified Tank	1953	123188
A	200m SW	Unspecified Tank	1949	123188
A	200m SE	Tanks	1956	148736
A	200m SW	Unspecified Tank	1980	146400
A	200m SW	Unspecified Tank	1953	146400
A	200m SW	Unspecified Tank	1949	146400
A	201m SW	Unspecified Tank	1949	146400
E	201m NW	Unspecified Tank	1953	141153
E	201m NW	Unspecified Tank	1949	141153
A	202m SE	Tanks	1949	135168
A	202m SE	Tanks	1949	135168
E	202m NW	Unspecified Tank	1949	132611
E	202m NW	Unspecified Tank	1953	132611
E	202m NW	Unspecified Tank	1949	132611
A	202m SW	Unspecified Tank	1932	116143
E	203m NW	Unspecified Tank	1953	132611
E	203m NW	Unspecified Tank	1949	132611
A	204m SW	Tanks	1893	106901
A	205m S	Unspecified Tank	1953	131278
A	205m S	Unspecified Tank	1949	131278
A	205m S	Unspecified Tank	1949	131278

ID	Location	Land Use	Date	Group ID
A	205m SW	Unspecified Tank	1908	141627
A	205m SW	Unspecified Tank	1922	141627
A	205m SW	Unspecified Tank	1932	141627
E	206m NW	Unspecified Tank	1949	116106
A	206m SW	Unspecified Tank	1980	116146
A	206m SW	Tanks	1893	107015
A	208m SW	Tanks	1893	106899
A	208m SW	Tanks	1932	106900
A	210m S	Unspecified Tank	1956	115886
A	210m SW	Unspecified Tank	1893	131377
A	211m SE	Tanks	1949	134555
A	211m SE	Tanks	1956	134555
A	211m SE	Tanks	1949	134555
A	211m SW	Unspecified Tank	1953	143284
A	211m SW	Unspecified Tank	1949	143284
A	211m SW	Unspecified Tank	1922	116142
A	212m SW	Unspecified Tank	1949	143284
E	217m NW	Unspecified Tank	1953	135773
E	217m NW	Unspecified Tank	1949	135773
E	217m NW	Unspecified Tank	1949	124488
A	217m S	Tanks	1956	107021
A	218m W	Unspecified Tank	1908	116132
A	219m SE	Tanks	1949	140103
A	219m SE	Tanks	1956	140103
A	219m SE	Tanks	1949	140103
A	220m SW	Unspecified Tank	1893	116144
A	220m W	Unspecified Tank	1908	116131
A	221m SW	Unspecified Tank	1996	148606

ID	Location	Land Use	Date	Group ID
A	221m SW	Unspecified Tank	1996	148606
A	221m SW	Unspecified Tank	1995	148606
A	221m SW	Unspecified Tank	1994	148606
A	223m SW	Tanks	1980	107010
A	223m SW	Unspecified Tank	1991	125828
A	223m SW	Tanks	1980	107003
A	223m SW	Unspecified Tank	1933	115897
A	225m SW	Tanks	1953	127812
A	225m SW	Tanks	1949	127812
A	225m SW	Tanks	1949	140484
A	228m SW	Tanks	1953	144164
A	228m SW	Tanks	1949	144164
A	228m SW	Unspecified Tank	1922	140591
A	228m SW	Tanks	1949	124694
A	229m S	Unspecified Tank	1949	126226
A	229m S	Unspecified Tank	1956	126226
A	230m SW	Tanks	1980	149111
A	230m SW	Tanks	1933	107009
A	231m SW	Tanks	1893	107007
A	231m SE	Tanks	1949	106986
A	231m SW	Unspecified Tank	1953	128959
A	231m SW	Unspecified Tank	1949	135741
A	232m SW	Unspecified Tank	1953	143527
A	232m SW	Unspecified Tank	1949	143527
A	232m SW	Tanks	1949	107002
A	233m SW	Tanks	1933	146085
A	233m SW	Unspecified Tank	1893	116145
A	234m SW	Tanks	1953	126100

ID	Location	Land Use	Date	Group ID
A	234m SW	Tanks	1949	133204
A	234m SW	Tanks	1949	133204
A	235m S	Tanks	1908	127800
A	236m S	Unspecified Tank	1949	146208
A	236m S	Unspecified Tank	1956	146208
A	238m S	Tanks	1922	127800
A	244m SE	Unspecified Tank	1908	124394
A	245m SE	Unspecified Tank	1956	116218
M	245m SE	Unspecified Tank	1970	122422
M	245m SE	Unspecified Tank	1949	132584
M	245m SE	Unspecified Tank	1956	148814
A	245m S	Unspecified Tank	1933	116210
M	245m SE	Unspecified Tank	1949	140290
A	245m SW	Unspecified Tank	1922	115901
A	245m SE	Tanks	1956	123849
A	246m SE	Unspecified Tank	1922	124394
A	247m SE	Tanks	1956	145795
A	248m SE	Tanks	1933	122356
A	249m SE	Tanks	1933	143424
A	252m SW	Tanks	1893	107008
G	253m NW	Unspecified Tank	1953	116108
A	254m SW	Unspecified Tank	1893	126323
A	254m SW	Unspecified Tank	1908	126323
A	256m SW	Unspecified Tank	1922	115902
G	260m NW	Unspecified Tank	1949	137467
G	260m NW	Unspecified Tank	1949	137467
A	261m SW	Tanks	1893	107012
A	264m SW	Tanks	1908	107013

ID	Location	Land Use	Date	Group ID
A	265m S	Unspecified Tank	1956	115885
A	266m SW	Tanks	1922	125089
A	266m S	Tanks	1949	107029
G	268m NW	Unspecified Tank	1949	140973
G	269m NW	Unspecified Tank	1949	140973
A	269m SW	Tanks	1949	148054
A	270m SW	Tanks	1949	146265
A	271m SW	Unspecified Tank	1893	115904
A	272m SW	Unspecified Tank	1893	142254
A	272m SW	Unspecified Tank	1908	142254
A	272m SW	Tanks	1953	129972
A	273m SW	Unspecified Tank	1922	142254
A	273m SW	Unspecified Tank	1933	142254
A	273m SW	Tanks	1893	140329
A	273m SW	Tanks	1908	140329
A	273m SW	Unspecified Tank	1893	115899
A	273m SW	Tanks	1922	140329
A	273m SW	Tanks	1933	140329
A	273m S	Tanks	1949	107028
A	276m SW	Tanks	1933	148054
A	276m S	Unspecified Tank	1949	130128
A	276m S	Unspecified Tank	1956	131935
A	276m SW	Tanks	1933	142307
A	276m S	Unspecified Tank	1949	146493
A	280m SE	Unspecified Tank	1956	116199
A	281m SW	Unspecified Tank	1893	115905
A	286m S	Tanks	1949	144281
A	286m S	Tanks	1956	144281

ID	Location	Land Use	Date	Group ID
A	287m S	Tanks	1949	144281
A	291m SE	Tanks	1949	126643
A	291m SE	Tanks	1956	126643
A	291m SE	Tanks	1949	132100
A	293m S	Unspecified Tank	1933	116209
A	295m S	Oil Tanks	1908	147443
A	295m S	Oil Tanks	1922	147443
A	296m S	Tanks	1933	144281
A	297m SE	Tanks	1933	106985
A	298m SW	Tanks	1893	107011
A	299m SW	Tanks	1953	122866
G	300m NW	Unspecified Tank	1953	116107
A	301m SW	Tanks	1893	107014
A	302m SW	Tanks	1949	129387
A	303m SW	Tanks	1949	129387
A	303m SW	Tanks	1893	107030
K	305m W	Tank or Trough	1893	121465
A	307m S	Tanks	1956	107032
A	308m SE	Unspecified Tank	1956	116198
G	309m NW	Tanks	1932	106940
A	310m SW	Tanks	1953	142664
A	310m SW	Unspecified Tank	1953	126605
A	311m SW	Unspecified Tank	1893	125313
A	311m SW	Unspecified Tank	1908	125313
A	311m SW	Unspecified Tank	1922	125313
A	311m SW	Tanks	1980	142664
G	312m NW	Unspecified Tank	1949	124118
G	312m NW	Unspecified Tank	1949	124118

ID	Location	Land Use	Date	Group ID
A	313m SW	Tanks	1893	107031
A	314m S	Unspecified Tank	1994	115884
A	317m S	Unspecified Tank	1996	145491
A	317m S	Unspecified Tank	1996	145491
A	317m SE	Tanks	1933	106984
A	318m SE	Tanks	1949	136973
A	318m SE	Tanks	1956	136973
A	318m SE	Tanks	1949	136973
A	318m S	Unspecified Tank	1933	116208
I	321m N	Unspecified Tank	1953	137913
I	321m N	Unspecified Tank	1949	137913
I	321m N	Unspecified Tank	1949	137913
A	321m SE	Unspecified Tank	1956	116197
A	322m SE	Unspecified Tank	1933	116207
A	322m SW	Unspecified Tank	1893	115898
A	322m SE	Unspecified Tank	1949	133058
A	322m SE	Unspecified Tank	1956	127041
A	323m SE	Unspecified Tank	1949	144528
A	330m SE	Unspecified Tank	1956	116200
A	330m SE	Tanks	1956	142343
A	332m SE	Tanks	1949	134551
A	332m SE	Tanks	1949	143724
A	335m SW	Tanks	1953	107034
G	337m NW	Unspecified Tank	1953	116109
I	337m N	Unspecified Tank	1949	125746
I	337m N	Unspecified Tank	1953	140757
I	337m N	Unspecified Tank	1949	147068
A	338m SW	Unspecified Tank	1949	133578

ID	Location	Land Use	Date	Group ID
A	338m SW	Unspecified Tank	1949	136267
A	340m SE	Tanks	1933	107027
A	340m SE	Unspecified Tank	1949	145897
A	340m SE	Unspecified Tank	1956	145897
A	347m SW	Unspecified Tank	1922	115903
A	351m SE	Tanks	1949	132932
A	351m SE	Tanks	1956	132932
A	352m SE	Unspecified Tank	1933	116196
A	352m SE	Tanks	1949	143331
A	357m SE	Unspecified Tank	1949	137750
A	357m SE	Unspecified Tank	1956	137750
A	357m SE	Unspecified Tank	1949	137750
A	364m SE	Unspecified Tank	1949	133623
A	364m SE	Unspecified Tank	1956	133623
A	364m SE	Unspecified Tank	1949	133623
A	364m SE	Unspecified Tank	1933	116203
A	365m SE	Unspecified Tank	1949	124403
A	365m SE	Unspecified Tank	1949	149350
A	365m SE	Unspecified Tank	1956	149350
I	366m NW	Tanks	1949	126621
A	366m S	Tanks	1949	140052
A	366m S	Tanks	1956	140052
A	367m S	Tanks	1949	140052
I	368m NW	Tanks	1949	126621
A	368m S	Unspecified Tank	1949	145954
A	368m S	Unspecified Tank	1956	145954
S	368m SE	Tanks	1970	137054
S	368m SE	Tanks	1949	137054



ID	Location	Land Use	Date	Group ID
S	368m SE	Tanks	1956	137054
A	369m S	Unspecified Tank	1949	145954
S	369m SE	Tanks	1949	137054
A	371m SE	Tanks	1933	107025
A	374m SE	Unspecified Tank	1933	116206
A	377m S	Tanks	1956	107035
A	381m S	Tanks	1956	107036
A	382m S	Unspecified Tank	1949	116205
A	382m SW	Tanks	1922	107033
A	383m S	Tanks	1949	131440
A	383m S	Tanks	1956	131440
A	385m S	Unspecified Tank	1949	139879
A	385m S	Unspecified Tank	1956	139879
A	385m SE	Unspecified Tank	1949	126295
A	385m S	Unspecified Tank	1949	116204
A	385m S	Unspecified Tank	1949	139879
A	386m SE	Unspecified Tank	1949	126295
O	386m E	Tanks	1996	148941
O	386m E	Tanks	1995	148941
S	387m SE	Unspecified Tank	1956	116216
A	387m S	Tanks	1949	147326
A	387m S	Tanks	1956	147326
A	387m S	Tanks	1949	147326
S	389m SE	Unspecified Tank	1956	116215
G	390m NW	Unspecified Tank	1953	116110
S	392m SE	Unspecified Tank	1956	116217
A	395m SE	Unspecified Tank	1956	116201
F	396m SE	Tanks	1922	107026



ID	Location	Land Use	Date	Group ID
A	398m SE	Unspecified Tank	1949	128521
A	398m SE	Unspecified Tank	1949	128521
S	399m SE	Tanks	1970	136758
S	399m SE	Tanks	1949	136758
S	399m SE	Tanks	1956	136758
A	399m S	Unspecified Tank	1949	145907
A	399m S	Unspecified Tank	1956	145907
S	399m SE	Tanks	1949	136758
A	399m S	Unspecified Tank	1949	144706
A	401m SE	Unspecified Tank	1956	116202
A	404m S	Tanks	1949	148595
A	404m S	Tanks	1956	148595
A	405m S	Tanks	1949	148595
O	407m E	Unspecified Tank	1972	132892
O	407m E	Unspecified Tank	1983	132892
A	407m S	Tanks	1949	107043
O	408m E	Unspecified Tank	1979	128235
O	409m E	Tanks	1996	147358
O	409m E	Tanks	1995	147358
A	409m S	Tanks	1949	123351
A	409m S	Tanks	1956	123351
O	409m E	Tanks	1983	135740
A	413m S	Tanks	1949	128453
A	413m S	Tanks	1949	122910
A	413m S	Tanks	1956	122910
A	415m S	Tanks	1933	107040
A	417m S	Unspecified Tank	1949	138019
A	417m S	Unspecified Tank	1956	138019



ID	Location	Land Use	Date	Group ID
A	417m S	Unspecified Tank	1949	138019
A	422m SW	Unspecified Tank	1893	115876
Y	423m SW	Unspecified Tank	1922	115877
N	424m NW	Unspecified Tank	1949	132231
N	424m NW	Unspecified Tank	1949	132231
N	425m N	Tanks	1953	106939
G	425m NW	Unspecified Tank	1953	116111
Y	444m SW	Tanks	1893	107037
G	450m NW	Tanks	1893	106923
AC	455m SE	Unspecified Tank	1950	143296
AC	456m SE	Unspecified Tank	1950	122548
G	456m NW	Tanks	1893	106924
T	462m W	Unspecified Tank	1893	116134
O	466m E	Tanks	1972	133020
O	466m E	Unspecified Tank	1983	116221
O	467m E	Tanks	1979	133020
O	467m E	Tanks	1983	133020
O	468m E	Unspecified Tank	1979	116220
O	470m E	Unspecified Tank	1972	116219
O	470m E	Tanks	1950	123616
O	471m E	Tanks	1950	123616
O	471m E	Unspecified Tank	1983	141866
O	472m E	Unspecified Tank	1983	141866
T	480m W	Tanks	1985	138315
T	481m W	Tanks	1953	138315
AB	481m N	Unspecified Tank	1953	132858
AB	481m N	Unspecified Tank	1949	132858
AB	482m N	Unspecified Tank	1949	132858

ID	Location	Land Use	Date	Group ID
B	486m SE	Unspecified Tank	1970	135938
B	486m SE	Unspecified Tank	1949	135938
B	486m SE	Unspecified Tank	1956	135938
AG	496m NW	Unspecified Tank	1953	125977
AG	496m NW	Unspecified Tank	1949	125977
AG	496m NW	Unspecified Tank	1949	125977

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

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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 40 >](#)

ID	Location	Land Use	Date	Group ID
A	71m S	Gasometer	1908	73248
A	71m S	Gasometer	1922	73248
A	71m S	Gasometer	1932	73248
A	87m SE	Electricity Substation	1949	71318
A	88m SE	Electricity Substation	1970	71318
A	88m SE	Electricity Substation	1949	71318
A	88m SE	Electricity Substation	1956	71318
A	88m SE	Electricity Substation	1994	69928
A	88m SE	Electricity Substation	1980	71318
A	88m SE	Electricity Substation	1987	71318
A	88m SE	Electricity Substation	1991	71318
E	121m NW	Electricity Substation	1985	75460
E	121m NW	Electricity Substation	1989	69601
D	155m N	Electricity Substation	1978	73456



ID	Location	Land Use	Date	Group ID
D	155m N	Electricity Substation	1972	79248
D	155m N	Electricity Substation	1986	79248
D	156m N	Electricity Substation	1997	79248
A	157m SE	Electricity Substation	1949	73971
A	157m SE	Electricity Substation	1949	67292
A	157m SE	Electricity Substation	1956	67292
G	163m NW	Electricity Generating Station	1908	69584
G	163m NW	Electricity Generating Station	1922	69584
G	173m NW	Electricity Generating Station	1949	75559
G	174m NW	Electricity Generating Station	1949	67122
H	174m E	Electricity Substation	1987	79871
H	174m E	Electricity Substation	1991	74141
H	174m E	Electricity Substation	1949	74141
H	175m E	Electricity Substation	1994	74141
H	175m E	Electricity Substation	1949	68710
H	176m E	Electricity Substation	1986	79871
H	176m E	Electricity Substation	1997	67404
H	190m E	Electricity Substation	1949	81157
A	236m S	Electricity Substation	1949	62207
A	242m S	Electricity Substation	1949	68410
A	242m S	Electricity Substation	1956	68410
A	245m SE	Electricity Substation	1994	70493
A	246m SE	Electricity Substation	1970	70493
A	246m SE	Electricity Substation	1980	70493
A	246m SE	Electricity Substation	1987	70493
A	246m SE	Electricity Substation	1991	70493
A	248m SE	Electricity Substation	1949	67188
A	248m SE	Electricity Substation	1956	67188

ID	Location	Land Use	Date	Group ID
A	248m SE	Electricity Substation	1949	67188
A	249m SW	Electricity Substation	1980	66361
A	249m SW	Electricity Substation	1953	71571
A	252m SW	Electricity Substation	1949	71828
A	252m SW	Electricity Substation	1949	71828
M	261m SE	Electricity Substation	1970	84080
M	261m SE	Electricity Substation	1949	84080
M	261m SE	Electricity Substation	1956	84080
M	261m SE	Electricity Substation	1949	84080
A	264m SW	Electricity Substation	1996	75956
A	264m SW	Electricity Substation	1996	69701
A	264m SW	Electricity Substation	1995	74124
A	264m SW	Electricity Substation	1994	68888
A	265m SW	Electricity Substation	1991	74138
P	296m E	Electricity Substation	1970	75041
P	296m E	Electricity Substation	1956	75041
P	296m E	Electricity Substation	1980	75041
P	296m E	Electricity Substation	1987	75041
P	296m E	Electricity Substation	1991	75041
P	297m E	Electricity Substation	1994	75041
A	298m SE	Electricity Substation	1949	65590
A	298m SE	Electricity Substation	1956	65590
A	299m SE	Electricity Substation	1949	69688
K	331m W	Electricity Substation	1996	65964
K	331m W	Electricity Substation	1996	65964
K	331m W	Electricity Substation	1995	65964
K	331m W	Electricity Substation	1994	65964
K	332m W	Electricity Substation	1991	65964

ID	Location	Land Use	Date	Group ID
R	346m NW	Electricity Substation	1985	66511
R	346m NW	Electricity Substation	1989	69908
R	346m NW	Electricity Substation	1953	69908
R	346m NW	Electricity Substation	1949	69908
R	347m NW	Electricity Substation	1949	69908
A	386m S	Electricity Substation	1949	74084
A	387m S	Electricity Substation	1970	79405
A	387m S	Electricity Substation	1949	79405
A	387m S	Electricity Substation	1956	79405
A	387m S	Electricity Substation	1980	79405
W	411m N	Electricity Transformer Station	1985	63378
W	413m N	Electricity Substation	1994	66021
Z	425m NE	Electricity Substation	1972	84923
Z	425m NE	Electricity Substation	1986	84923
Z	425m NE	Electricity Substation	1978	84923
Z	425m NE	Electricity Substation	1997	66931
W	472m NW	Electricity Substation	1985	85433
B	475m SE	Electricity Substation	1970	70055
B	475m SE	Electricity Substation	1956	70055
W	477m NW	Electricity Substation	1989	81063
T	493m W	Electricity Substation	1953	82552
T	493m W	Electricity Substation	1949	82552
T	494m W	Electricity Substation	1949	82552

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**8**

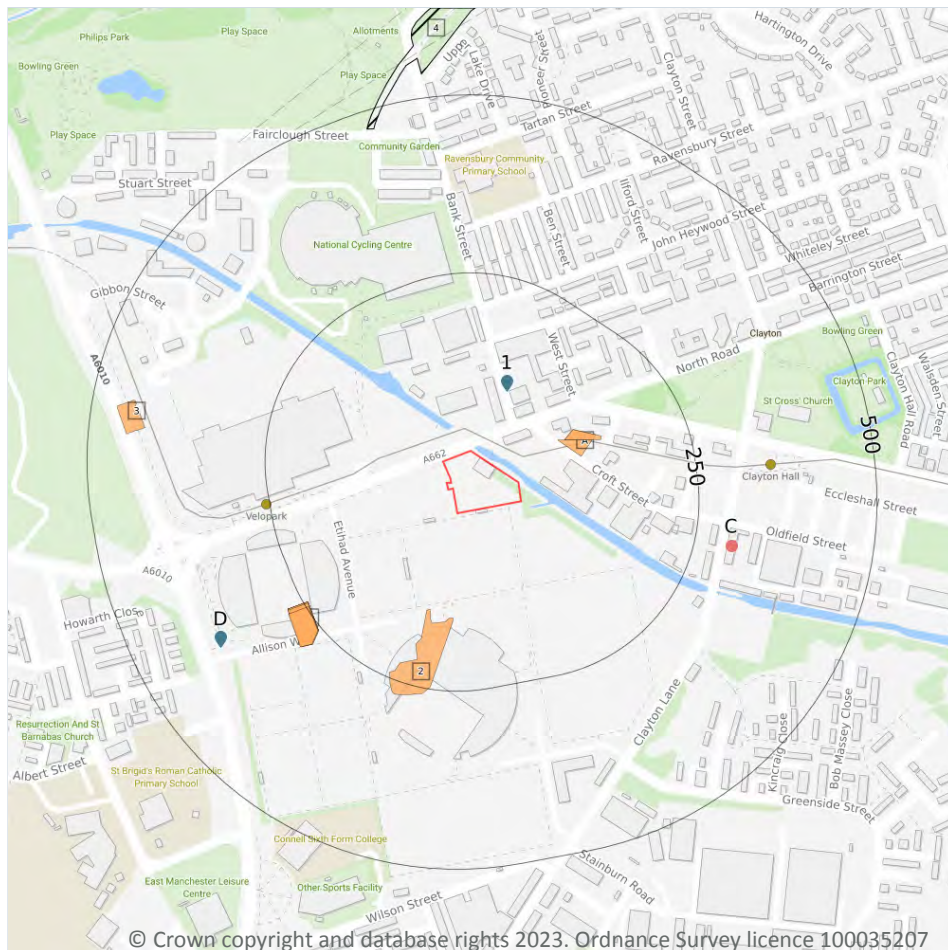
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 40 >](#)

ID	Location	Land Use	Date	Group ID
2	124m NE	Garage	1978	20327
D	139m N	Garage	1997	22667
D	139m N	Garage	1972	24761
D	139m N	Garage	1986	24761
D	139m N	Garage	1978	21189
L	211m NE	Garage	1972	20329
L	240m NE	Garage	1972	20330
4	265m NE	Garage	1972	20328

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- 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	0
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Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	1
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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 79 >](#)

ID	Location	Details		
4	472m N	Site Address: Clayton Vale Power Station, Bank Bridge Road, Manchester Licence Holder Address: Europa House, Birdhall Lane, Cheadle Heath, Stockport	Waste Licence: Yes Site Reference: RD/LIC/045/76,GDO F001 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/01/1974 Licence Surrender: -	Operator: - Licence Holder: Central Electricity Generating Board First Recorded 31/12/1965 Last Recorded: 31/12/1968

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

3.5 Historical waste sites

Records within 500m	11
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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 79 >](#)

ID	Location	Address	Further Details	Date
A	81m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1970

ID	Location	Address	Further Details	Date
A	88m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1971
A	88m NE	Site Address: N/A	Type of Site: Waste Paper Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1978
2	139m S	Site Address: N/A	Type of Site: Refuse Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1956
B	243m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1996
B	243m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1996
B	243m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995
B	243m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1994
B	245m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
B	246m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991



ID	Location	Address	Further Details	Date
3	421m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1988

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

3.6 Licensed waste sites

Records within 500m	3
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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 79 >](#)

ID	Location	Details		
1	107m N	Site Name: Recon Packaging Ltd Site Address: Bank Street, Clayton, Manchester, M11 4BT Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RPL004 EPR reference: EA/EPR/GP3192CM/V002 Operator: Recon Packaging Ltd Waste Management licence No: 53467 Annual Tonnage: 417	Issue Date: 04/12/1998 Effective Date: - Modified: 24/08/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	377m SW	Site Name: F W Singleton Ltd Site Address: Land/premises At, Score Street, Clayton, Manchester, M11 2SN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FWS001 EPR reference: EA/EPR/JP3092CU/S002 Operator: F W Singleton Ltd Waste Management licence No: 53626 Annual Tonnage: 383333	Issue Date: 08/12/1995 Effective Date: - Modified: - Surrendered Date: 23/05/2013 Expiry Date: - Cancelled Date: - Status: Surrendered

ID	Location	Details		
D	377m SW	Site Name: F W Singleton Ltd Site Address: Land/premises At, Score Street, Clayton, Manchester, M11 2SN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: FWS001 EPR reference: EA/EPR/JP3092CU/S002 Operator: F W Singleton Ltd Waste Management licence No: 53626 Annual Tonnage: 383333.272	Issue Date: 08/12/1995 Effective Date: - Modified: - Surrendered Date: May 23 2013 12:00AM 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	2
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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.

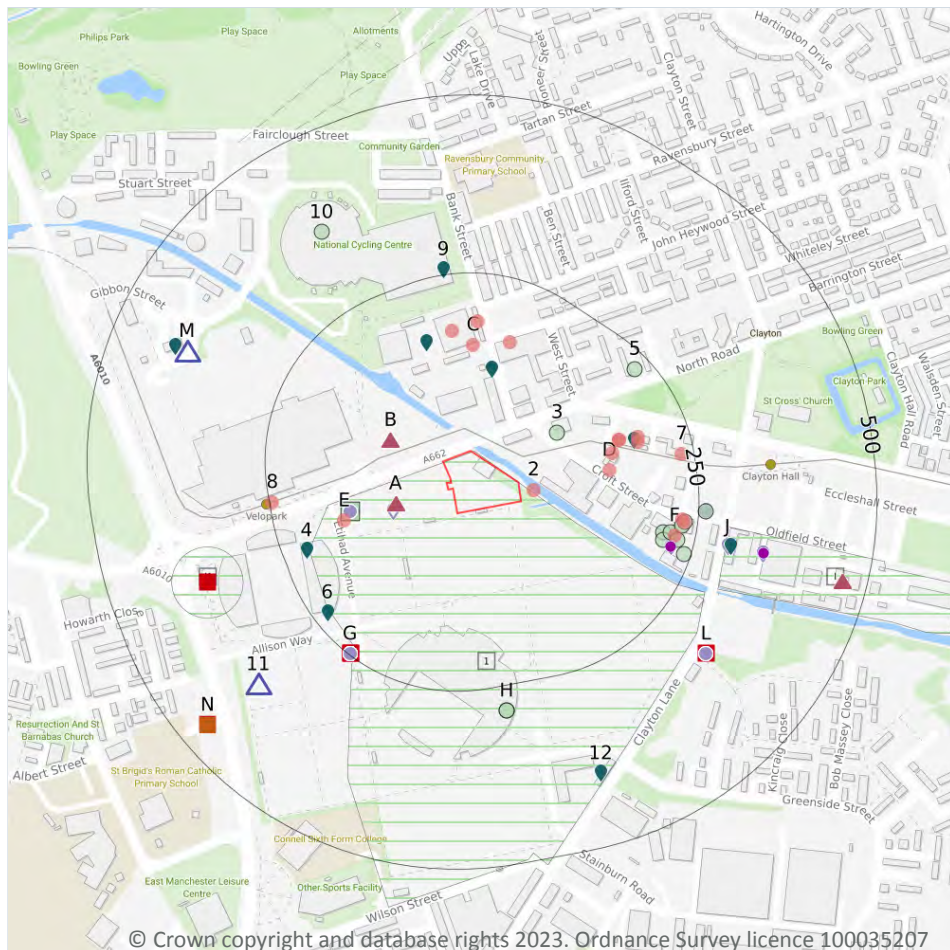
Features are displayed on the Waste and landfill map on [page 79 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
C	302m E	Evonik Chemicals Limited, Clayton Lane, Clayton, M11 4SR	WEX234634	Treating waste exemption	Not on a farm	Crushing waste fluorescent tubes
C	302m E	Evonik Chemicals Limited, Clayton Lane, Clayton, M11 4SR	WEX088752	Treating waste exemption	Not on a farm	Crushing waste fluorescent tubes

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m

17

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 84](#) >

ID	Location	Company	Address	Activity	Category
2	20m E	Mooring Posts	Greater Manchester, M11	Moorings and Unloading Facilities	Water
D	129m E	Gratt Motor Co	34, Croft Street, Manchester, Greater Manchester, M11 4RQ	Vehicle Repair, Testing and Servicing	Repair and Servicing

ID	Location	Company	Address	Activity	Category
D	139m E	Clayton Motors Manchester Ltd	32, Croft Street, Manchester, Greater Manchester, M11 4RQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	149m N	Electricity Sub Station	Greater Manchester, M11	Electrical Features	Infrastructure and Facilities
E	153m W	Electricity Sub Station	Greater Manchester, M11	Electrical Features	Infrastructure and Facilities
D	154m E	Manchester M O T Ltd	612, Ashton New Road, Manchester, Greater Manchester, M11 4SG	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	154m E	South Manchester Commercial Vehicle Sales Ltd	612, Ashton New Road, Manchester, Greater Manchester, M11 4SG	New Vehicles	Motoring
C	163m N	Jada Tyres Tyre Centre	Unit 1, Bamford Street, Manchester, Greater Manchester, M11 4FE	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	171m N	Works	Greater Manchester, M11	Unspecified Works Or Factories	Industrial Features
D	178m E	Electricity Sub Station	Greater Manchester, M11	Electrical Features	Infrastructure and Facilities
D	179m E	Electricity Sub Station	Greater Manchester, M11	Electrical Features	Infrastructure and Facilities
C	182m N	Eastland Compoundi ng	British Vita, Bank Street, Newton Heath, Manchester, Greater Manchester, M11 4AS	Rubber, Silicones and Plastics	Industrial Products
F	221m E	Works	Greater Manchester, M11	Unspecified Works Or Factories	Industrial Features
F	228m E	K & R Motors Ltd	-, Croft Street, Manchester, Greater Manchester, M11 4RQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	232m E	Auto Fit	Victoria Works, Croft Street, Manchester, Greater Manchester, M11 4RQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
7	233m E	Shiraz Plastic Ltd	2, Linfield Street, Manchester, Greater Manchester, M11 4RG	Rubber, Silicones and Plastics	Industrial Products
8	247m W	Velopark (Mancheste r Metrolink)	Greater Manchester, M11	Tram, Metro and Light Railway Stations and Stops	Public Transport, Stations and Infrastructure

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m**2**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Company	Address	LPG	Status
11	369m SW	ESSO	26-52, Grey Mare Lane, Bradford, Manchester, Greater Manchester, M11 3DG	Not Applicable	Obsolete
M	392m NW	ASDA	Alan Turing Way, Bradford, Manchester, Greater Manchester, M11 4BD	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**3**

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.



Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Company	Address	Operational status	Tier
1	On site	Ciba Speciality Chemicals	Ciba Speciality Chemicals, Ashton New Road, Clayton, M11 4AP	Historical COMAH Site	-
I	294m E	Evonik Chemicals Limited	Evonik Chemicals Limited, Clayton, Manchester, Clayton Lane, Manchester, Greater Manchester, M11 4SR	Current COMAH Site	COMAH Lower Tier Operator
K	312m W	Rhodia Ltd	Rhodia Ltd, Ashton New Road, Manchester, M11 4AT	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0
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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	7
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Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Details	
A	76m W	Application reference number: 092423/HSC/2010/N2 Application status: Historical Consent Application date: 12/04/2010 Address: OMG UK Limited, Ashton New Road, Clayton, Manchester, M11 4AT	Details: Deemed Consent - Manufacture and sales of performance chemicals for use in the Rubber, Surface Coatings and Chemical Industry Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
A	76m W	Application reference number: 093567/HSC/2010/N2 Application status: Historical Consent Application date: 08/09/2010 Address: OMG UK Limited, Ashton New Road, Clayton, Manchester, M11 4AT	Details: Revocation of hazardous substances consent granted under ref 092423/HSC/2010/N2 Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Details	
B	79m NW	Application reference number: 094262/HSC/2010/N2 Application status: Historical Consent Application date: 15/09/2010 Address: Ashton New Road, Clayton, Manchester, M11 4AP	Details: Revocation of hazardous substances consents granted under refs: 000002/HSC/NORTH2/92 and 057477/HSC/NORTH2/99 Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	79m NW	Application reference number: 057477/HSC/NORTH2/99 Application status: Historical Consent Application date: 02/09/1999 Address: CIBA Speciality Chemicals PLC, Ashton New Road, Clayton, Manchester, M11 4AP	Details: Hazardous Substances Deemed Consent - Manufacture of dyestuffs and related chemicals Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	79m NW	Application reference number: 000002/HSC/NORTH2/92 Application status: Historical Consent Application date: 12/11/1992 Address: Clayton Aniline Co. Ltd., Ashton New Road, Clayton, Manchester, M11 4AP	Details: Storage of sulphur trioxide (as Oleum) and chlorine. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	464m E	Application reference number: No Details Application status: Approved Application date: 05/04/2002 Address: Evonik Chemicals Ltd, Clayton Lane, Clayton, Manchester, Greater Manchester, England, M11 4SR	Details: Above Ground Storage Of Various Substances Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	464m E	Application reference number: 062763/HSC/NORTH2/01 Application status: Historical Consent Application date: 05/04/2002 Address: Air Products (Chemicals) Plc, Clayton Lane, Clayton, Manchester, Greater Manchester, England, M11 4SR	Details: Above Ground Storage Of Various Substances Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

38

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.

Features are displayed on the Current industrial land use map on [page 84](#) >



ID	Location	Details	
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, M11 4AP Process: Combustion Processes Permit Number: AA2330	Original Permit Number: IPCAPP Date Approved: 28-8-1992 Effective Date: 28-8-1992 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, M11 4AP Process: Combustion Processes Permit Number: AI2996	Original Permit Number: IPCMINVAR Date Approved: 16-9-1993 Effective Date: 16-9-1993 Status: Revoked
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: AK3579	Original Permit Number: IPCAIRAPP Date Approved: 23-2-1994 Effective Date: 23-2-1994 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: AO5042	Original Permit Number: IPCMINVAR Date Approved: 3-10-1994 Effective Date: 3-10-1994 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: AP3614	Original Permit Number: IPCMINVAR Date Approved: 28-2-1995 Effective Date: 1-3-1995 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: AV8879	Original Permit Number: IPCMINVAR Date Approved: 2-12-1996 Effective Date: 9-12-1996 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: BD6263	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: BT9046	Original Permit Number: IPCMINVAR Date Approved: 12-2-2003 Effective Date: 17-2-2003 Status: Superseded By Variation
E	141m W	Operator: Ciba Specialty Chemicals Plc Address: PO Box 2, Ashton New Road, Clayton, Manchester, M11 4AP Process: Manufacture And Use Of Organic Chemicals Permit Number: BY0577	Original Permit Number: IPCMINVAR Date Approved: 25-6-2004 Effective Date: 1-7-2004 Status: Revoked



ID	Location	Details	
G	248m SW	Operator: Omg (UK) Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AK5334	Original Permit Number: IPCAPP Date Approved: 17-2-1994 Effective Date: 28-2-1994 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AK6055	Original Permit Number: IPCAIRAPP Date Approved: 23-2-1994 Effective Date: 23-2-1994 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AK6063	Original Permit Number: IPCAIRAPP Date Approved: 23-2-1994 Effective Date: 23-2-1994 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AR1698	Original Permit Number: IPCMINVAR Date Approved: 3-5-1996 Effective Date: 6-5-1996 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AR1728	Original Permit Number: IPCMINVAR Date Approved: 1-8-1995 Effective Date: 7-8-1995 Status: Superseded By Variation
G	248m SW	Operator: Rhodia Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AS6195	Original Permit Number: IPCAPP Date Approved: 14-12-1995 Effective Date: 15-12-1995 Status: Superseded By Variation
G	248m SW	Operator: Rhodia Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AS6209	Original Permit Number: IPCAPP Date Approved: 14-12-1995 Effective Date: 15-12-1995 Status: Superseded By Variation
G	248m SW	Operator: Omg (UK) Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: AX0488	Original Permit Number: IPCMINVAR Date Approved: 18-4-1997 Effective Date: 28-4-1997 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BD1407	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation



ID	Location	Details	
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BD1415	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
G	248m SW	Operator: Rhodia Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BD2144	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
G	248m SW	Operator: Rhodia Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BD2152	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
G	248m SW	Operator: Omg (UK) Ltd Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BD7502	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BT9054	Original Permit Number: IPCMINVAR Date Approved: 12-2-2003 Effective Date: 17-2-2003 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BT9062	Original Permit Number: IPCMINVAR Date Approved: 12-2-2003 Effective Date: 17-2-2003 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BY0569	Original Permit Number: IPCMINVAR Date Approved: 25-6-2004 Effective Date: 1-7-2004 Status: Revoked
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: BY0585	Original Permit Number: IPCMINVAR Date Approved: 25-6-2004 Effective Date: 1-7-2004 Status: Superseded By Variation
G	248m SW	Operator: Ciba Specialty Chemicals Plc Address: Ashton New Road, Clayton, Manchester, Greater Manchester, M11 4AT Process: Manufacture And Use Of Organic Chemicals Permit Number: CA3084	Original Permit Number: IPCMINVAR Date Approved: 13-3-2006 Effective Date: 1-4-2006 Status: Revoked



ID	Location	Details	
F	260m E	Operator: Synprotec Ltd Address: 303 Clayton Road, Clayton, Manchester, M11 4SX Process: Manufacture And Use Of Organic Chemicals Permit Number: AJ1279	Original Permit Number: IPCAPP Date Approved: 16-11-1993 Effective Date: 16-11-1993 Status: Superseded By Variation
F	260m E	Operator: Synprotec Ltd Address: 303 Clayton Road, Clayton, Manchester, M11 4SX Process: Manufacture And Use Of Organic Chemicals Permit Number: BA8596	Original Permit Number: IPCMAJVAR Date Approved: 7-7-1998 Effective Date: 20-7-1998 Status: Superseded By Variation
F	260m E	Operator: Synprotec Ltd Address: 303 Clayton Road, Clayton, Manchester, M11 4SX Process: Manufacture And Use Of Organic Chemicals Permit Number: BE3766	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
F	260m E	Operator: Synprotec Ltd Address: 303 Clayton Road, Clayton, Manchester, M11 4SX Process: Manufacture And Use Of Organic Chemicals Permit Number: BG3147	Original Permit Number: IPCMINVAR Date Approved: 24-6-1999 Effective Date: 24-6-1999 Status: Revoked - Now Ippc
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AK7078	Original Permit Number: IPCAIRAPP Date Approved: 18-2-1994 Effective Date: 1-3-1994 Status: Superseded By Variation
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Manchester, Greater Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AK7086	Original Permit Number: IPCAIRAPP Date Approved: 18-2-1994 Effective Date: 1-3-1994 Status: Revoked
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AL2675	Original Permit Number: IPCAPP Date Approved: 18-2-1994 Effective Date: 1-3-1994 Status: Revoked
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AP6958	Original Permit Number: IPCMINVAR Date Approved: 18-1-1995 Effective Date: 18-1-1995 Status: Superseded By Variation
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AR9427	Original Permit Number: IPCMINVAR Date Approved: 25-8-1995 Effective Date: 11-9-1995 Status: Superseded By Variation



ID	Location	Details	
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: AZ8609	Original Permit Number: IPCMINVAR Date Approved: 3-11-1997 Effective Date: 10-11-1997 Status: Superseded By Variation
L	336m SE	Operator: Air Products (chemicals) Plc Address: Clayton Lane, Clayton, Manchester, M11 4SR Process: Manufacture And Use Of Organic Chemicals Permit Number: BE1488	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

49

Records of Part A(1) 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 84 >](#)

ID	Location	Details	
A	83m W	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: SP3538GH Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: - Effective Date: 16/02/2009 Last date noted as effective: 21/03/2023 Status: Surrender Effective
A	83m W	Operator: OMG (UK) LTD Installation Name: OMG UK LTD Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: BS3492IW Original Permit Number: BS3492IW	EPR Reference: - Issue Date: 09/03/2004 Effective Date: 09/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
A	83m W	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Process: ASSOCIATED PROCESS Permit Number: SP3538GH Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: - Effective Date: 16/02/2009 Last date noted as effective: 21/03/2023 Status: Surrender Effective
A	83m W	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: SP3538GH Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: - Effective Date: 16/02/2009 Last date noted as effective: 21/03/2023 Status: Surrender Effective



ID	Location	Details	
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; PHOSPHORUS CONTAINING COMPOUNDS EG SUBSTITUTED PHOSPHINES Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
F	219m E	Operator: Carbogen Amcis Limited Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: EP3738EJ Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 19/12/2013 Effective Date: 19/12/2013 Last date noted as effective: 21/03/2023 Status: Effective
F	219m E	Operator: Carbongen Amcis Ltd Installation Name: 303 Clayton Road EPR/PP3236ST Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: PP3236ST Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 16/05/2005 Effective Date: 16/05/2005 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: OMG (UK) LTD Installation Name: - Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: BS3492 Original Permit Number: BS3492	EPR Reference: - Issue Date: 09/03/2004 Effective Date: 09/03/2004 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
G	248m SW	Operator: RHODIA INDUSTRIAL SPECIALTIES PLC Installation Name: - Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BM0079 Original Permit Number: BM0079	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
G	248m SW	Operator: Rhodia UK Ltd Installation Name: Latex Plant, Clayton Process: ASSOCIATED PROCESS Permit Number: PP3131SY Original Permit Number: PP3131SY	EPR Reference: - Issue Date: 05/07/2005 Effective Date: 05/07/2005 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Avonmouth Process: ASSOCIATED PROCESS Permit Number: UP3136LU Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: 01/06/2006 Effective Date: 01/06/2006 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Avonmouth Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: UP3136LU Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: 01/06/2006 Effective Date: 01/06/2006 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: OMG (UK) LTD Installation Name: OMG UK LTD Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: XP3431LM Original Permit Number: BS3492IW	EPR Reference: - Issue Date: 24/11/2006 Effective Date: 24/11/2006 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
G	248m SW	Operator: OMG (UK) LTD Installation Name: OMG UK LTD Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: KP3330HG Original Permit Number: BS3492IW	EPR Reference: - Issue Date: - Effective Date: 23/12/2010 Last date noted as effective: 21/03/2023 Status: Surrender Effective
G	248m SW	Operator: Rhodia UK Ltd Installation Name: Latex Plant, Clayton Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: PP3131SY Original Permit Number: PP3131SY	EPR Reference: - Issue Date: 05/07/2005 Effective Date: 05/07/2005 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: Hexion Specialty Chemicals Clayton Ltd Installation Name: Rhodia UK Ltd Avonmouth Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: UP3136LU Original Permit Number: UP3136LU	EPR Reference: EA/EPR/UP3136LU/S002 Issue Date: 01/06/2006 Effective Date: 01/06/2006 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: RHODIA INDUSTRIAL SPECIALTIES PLC Installation Name: RHODIA LATEX PLANT Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BM0079IX Original Permit Number: BM0079IX	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: RHODIA INDUSTRIAL SPECIALTIES PLC Installation Name: RHODIA LATEX PLANT Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: BM0079IX Original Permit Number: BM0079IX	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: Rhodia UK Ltd Installation Name: Latex Plant, Clayton Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: PP3131SY Original Permit Number: PP3131SY	EPR Reference: - Issue Date: 05/07/2005 Effective Date: 05/07/2005 Last date noted as effective: 21/03/2023 Status: Superseded
G	248m SW	Operator: RHODIA INDUSTRIAL SPECIALTIES PLC Installation Name: RHODIA LATEX PLANT Process: ASSOCIATED PROCESS Permit Number: BM0079IX Original Permit Number: BM0079IX	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; PHOSPHORUS CONTAINING COMPOUNDS EG SUBSTITUTED PHOSPHINES Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; SYNTHETIC RUBBERS Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS



ID	Location	Details	
F	260m E	Operator: SYNPROTEC LTD Installation Name: - Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: BM0303 Original Permit Number: BM0303	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ASSOCIATED PROCESS Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; PHOSPHORUS CONTAINING COMPOUNDS EG SUBSTITUTED PHOSPHINES Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
F	260m E	Operator: Synprotec Ltd Installation Name: 303 Clayton Lane EPR/BM0303IW Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BM0303IW Original Permit Number: BM0303IW	EPR Reference: - Issue Date: 22/03/2004 Effective Date: 22/03/2004 Last date noted as effective: 21/03/2023 Status: Superseded
J	296m E	Operator: Air Products (Chemicals) Limited Installation Name: CLAYTON WORKS Process: ASSOCIATED PROCESS Permit Number: YP3031PB Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 16/12/2004 Effective Date: 01/01/2005 Last date noted as effective: 21/03/2023 Status: Superseded
J	296m E	Operator: Air Products (Chemicals) Limited Installation Name: CLAYTON WORKS Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: YP3031PB Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 16/12/2004 Effective Date: 01/01/2005 Last date noted as effective: 21/03/2023 Status: Superseded
J	347m E	Operator: Evonik Chemicals Limited Installation Name: Evonik Chemicals Limited - EPR/BL9623IK Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: HP3607LB Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 11/03/2021 Effective Date: 11/03/2021 Last date noted as effective: 21/03/2023 Status: Effective
J	347m E	Operator: Evonik Chemicals Limited Installation Name: Evonik Chemicals Limited - EPR/BL9623IK Process: ASSOCIATED PROCESS Permit Number: HP3607LB Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 11/03/2021 Effective Date: 11/03/2021 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
J	347m E	Operator: Evonik Chemicals Limited Installation Name: Air Products (Chemicals) Clayton EPR/BL9623IK Process: ASSOCIATED PROCESS Permit Number: QP3739YK Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 11/09/2017 Effective Date: 11/09/2017 Last date noted as effective: 21/03/2023 Status: Superseded
J	347m E	Operator: Evonik Chemicals Limited Installation Name: Air Products (Chemicals) Clayton EPR/BL9623IK Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: QP3739YK Original Permit Number: BL9623IK	EPR Reference: - Issue Date: 11/09/2017 Effective Date: 11/09/2017 Last date noted as effective: 21/03/2023 Status: Superseded

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

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

Records within 500m

9

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 84 >](#)

ID	Location	Address	Details	
C	118m N	Vitacom Ltd, Bank St, M11 4AS	Process: Rubber Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	164m N	E3G Ltd Eastland Compounding, Bank Street, Clayton, M11 4AS	Process: Rubber Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
D	172m E	Djs Auto Centre, Ashton New Rd, M11 4SG	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
4	216m W	Frances Shaw And Co, Corbett Street, Clayton, M11 4BB	Process: Rubber Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
6	229m SW	Stormproofings Ltd, Corbett Street, Clayton, M11 4BD	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
9	258m N	P St Concrete Fence Ltd, Bank Street, Clayton, M11 4BY	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
J	300m E	Air Products (Chemicals) Plc, Clayton Lane, Clayton, M11 4SR	Process: Use of Organic Chemicals Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
12	398m SE	Rotunda Plc, Clayton Lane, Clayton, M11 2AT	Process: Rubber Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	410m NW	Asda Eastlands, Ashton New Road, Bradford, M11 4BD	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement 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 84 >](#)

ID	Location	Address	Details	
E	141m W	Salford Royal Nhs Foundation Trust, Ashton New Road, Clayton, Manchester, M11 4AP	Operator: Salford Royal Nhs Foundation Trust Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AB9798 Date of approval: 31/03/1991	Effective from: 31/03/1991 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

0

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

2

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Address	Details	
N	459m SW	FH TOMKINS BUCKLE CO LTD, SCORE STREET, SCORE STREET, MANCHESTER, MANCHESTER, M11 2BW	Permission reference: BG2612 Local Authority: MANCHESTER CITY COUNCIL First received date: 01/07/2010	Last received date: 01/01/2018 Status: RECEIVED
N	459m SW	CLIFFORD WHATMOUGH LTD (DISSOLVED), SCORE STREET, SCORE STREET, MANCHESTER, MANCHESTER, M11 2BW	Permission reference: AW4917 Local Authority: MANCHESTER CITY COUNCIL First received date: 01/07/2010	Last received date: 01/01/2018 Status: RECEIVED

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

4.16 List 1 Dangerous Substances

Records within 500m

11

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.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
E	142m W	Clayton Aniline	Not Active	Manchester Ship Canal	Mercury (other), Cadmium
E	142m W	Ciba Geigy Plc Outlets S1/s2(clayton Aniline)	Not Active	Manchester Ship Canal	Mercury (other), Cadmium
G	248m SW	Rhodia Ltd Outlet S1	Not Active	Manchester Ship Canal	Mercury (other), Cadmium
G	248m SW	Rhodia Ltd Outlet S2	Not Active	Manchester Ship Canal	Cadmium
G	248m SW	Rhodia Ltd Outlet S4	Not Active	Manchester Ship Canal	Mercury (other), Cadmium
G	248m SW	Omg Uk Ltd	Active	Manchester Ship Canal	Mercury (other), Cadmium
L	337m SE	Anchor Chemical Outfalls 1/2/5	Not Active	Manchester Ship Canal	Mercury (other)
L	337m SE	Air Products (chemicals) Clayton	Active	Manchester Ship Canal	Mercury (other)
K	363m W	Rhodia Industrial Specialities Ltd,	Active	Manchester Ship Canal	Cadmium
K	363m W	Rhodia Industrial Specialities Ltd,	Active	Manchester Ship Canal	Cadmium
N	460m SW	F H Tomkins Buckle Co Ltd, Union Eyelet Works, Manchester	Not Active	Manchester Ship Canal	Cadmium

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

4.17 List 2 Dangerous Substances

Records within 500m

1

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

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
E	142m W	Ciba Geigy Plc, Clayton, Manchester	Not Active	River Mersey Manchester Ship Canal	Chromium, Copper, Zinc, Toluene

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



4.18 Pollution Incidents (EA/NRW)

Records within 500m

13

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 84](#) >

ID	Location	Details	
3	88m NE	Incident Date: 28/01/2003 Incident Identification: 133803 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)
F	204m E	Incident Date: 29/04/2002 Incident Identification: 75428 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
F	206m E	Incident Date: 23/07/2003 Incident Identification: 176591 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
F	214m E	Incident Date: 05/09/2002 Incident Identification: 105987 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
F	226m E	Incident Date: 05/09/2002 Incident Identification: 105974 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	228m NE	Incident Date: 18/07/2001 Incident Identification: 17244 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
F	228m E	Incident Date: 26/07/2002 Incident Identification: 94717 Pollutant: Organic Chemicals/Products Pollutant Description: Solvents	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
F	232m E	Incident Date: 21/08/2001 Incident Identification: 25901 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Chemical Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
F	240m E	Incident Date: 27/03/2002 Incident Identification: 67108 Pollutant: Organic Chemicals/Products Pollutant Description: Hydrocarbons	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
F	260m E	Incident Date: 17/06/2002 Incident Identification: 85898 Pollutant: Organic Chemicals/Products Pollutant Description: Solvents	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
H	285m S	Incident Date: 31/05/2001 Incident Identification: 10156 Pollutant: Organic Chemicals/Products Pollutant Description: Dyes and Inks	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
H	285m S	Incident Date: 31/05/2001 Incident Identification: 10156 Pollutant: Organic Chemicals/Products Pollutant Description: Dyes and Inks	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
10	364m NW	Incident Date: 07/05/2003 Incident Identification: 173905 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	4
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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.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID: F, Location: 219m E, Permit: BM0303IW
 Operator: Carbogen Amcis Limited
 Activity: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS
 Address: 303 Clayton Road Clayton Lane Greater Manchester M11 4SX
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Ammonia	1000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Nitrous oxide	10000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold
Air	Dichloromethane (DCM) (Methylene chloride)	1000kg	Below Reporting Threshold

ID: J, Location: 348m E, Permit: BL9623IK
Operator: Evonik Chemicals Limited
Activity: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES
Address: Clayton Lane Clayton Greater Manchester M11 4SR
Sector: Chemicals, Sub-sector: Chemicals
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Mercury	0.1kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Wastewater	Nitrogen - as total N	50000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Methane	10000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold

ID: J, Location: 348m E, Permit: BL9623IK
Operator: Evonik Chemicals Limited
Activity: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES
Address: Clayton Lane Clayton Greater Manchester M11 4SR
Sector: Chemicals, Sub-sector: Chemicals
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Total organic carbon (TOC)	50000kg	77000kg

ID: J, Location: 348m E, Permit: BL9623IK
 Operator: Evonik Chemicals Limited
 Activity: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES
 Address: Clayton Lane Clayton Greater Manchester M11 4SR
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Xylene - all isomers	10kg	18.2kg

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

4.20 Pollution inventory waste transfers

Records within 500m

2

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.

Features are displayed on the Current industrial land use map on [page 84 >](#)

ID: F, Location: 219m E, Permit: BM0303IW
 Operator: Carbogen Amcis Limited
 Activity: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS
 Address: 303 Clayton Road Clayton Lane Greater Manchester M11 4SX
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.)	0.33	absolute value	15 01 02	plastic packaging	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.042	absolute value	15 01 02	plastic packaging	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	0.45	absolute value	15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.06	absolute value	15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	0.012	absolute value	16 03 04	inorganic wastes other than those mentioned in 16 03 03	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	0.73	absolute value	16 03 06	organic wastes other than those mentioned in 16 03 05	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	4.7	absolute value	16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	8.15	absolute value	16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.2	absolute value	16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.025	absolute value	20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.154	absolute value	16 03 04	inorganic wastes other than those mentioned in 16 03 03	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	10.65	absolute value	06 02 05	other bases	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	1	absolute value	06 02 05	other bases	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.25	absolute value	06 02 05	other bases	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	110.61	absolute value	07 01 01	aqueous washing liquids and mother liquors	Yes



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	6.2	absolute value	07 01 01	aqueous washing liquids and mother liquors	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.71	absolute value	07 01 01	aqueous washing liquids and mother liquors	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	1.9	absolute value	07 01 03	organic halogenated solvents, washing liquids and mother liquors	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	1.3	absolute value	07 07 03	organic halogenated solvents, washing liquids and mother liquors	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	170.97	absolute value	07 07 04	other organic solvents, washing liquids and mother liquors	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	31.35	absolute value	07 07 04	other organic solvents, washing liquids and mother liquors	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	42.42	absolute value	07 07 04	other organic solvents, washing liquids and mother liquors	Yes



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	41.061	absolute value	07 07 04	other organic solvents, washing liquids and mother liquors	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	0.06	absolute value	07 07 10	other filter cakes and spent absorbents	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.9	absolute value	13 01 10	mineral based non-chlorinated hydraulic oils	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	11.53	absolute value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.023	absolute value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.49	absolute value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	5.82	absolute value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
D10	Incineration on Land	0.005	absolute value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.)	0.3	absolute value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	5.69	absolute value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.)	2.17	absolute value	16 03 03	inorganic wastes containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.005	absolute value	16 03 03	inorganic wastes containing dangerous substances	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.)	0.05	absolute value	16 05 06	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	8.11	absolute value	07 07 01	aqueous washing liquids and mother liquors	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.08	absolute value	16 02 11	discarded equipment containing chlorofluorocarbons, HCFC, HFC	Yes



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.75	absolute value	16 05 07	discarded inorganic chemicals consisting of or containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.36	absolute value	16 05 08	discarded organic chemicals consisting of or containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.42	absolute value	07 07 07	halogenated still bottoms and reaction residues	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12 (eg evaporation, drying, calcination, etc.)	11.2	absolute value	06 01 01	sulphuric acid and sulphurous acid	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12 (eg evaporation, drying, calcination, etc.)	10.05	absolute value	06 01 02	hydrochloric acid	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12 (eg evaporation, drying, calcination, etc.)	6.45	absolute value	06 01 05	nitric acid and nitrous acid	Yes



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (eg evaporation, drying, calcination, etc.)	4.7	absolute value	06 02 04	sodium and potassium hydroxide	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.154	absolute value	07 05 04	other organic solvents, washing liquids and mother liquors	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.00015	absolute value	16 05 06	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	Yes

ID: J, Location: 348m E, Permit: BL9623IK
 Operator: Evonik Chemicals Limited
 Activity: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES
 Address: Clayton Lane Clayton Greater Manchester M11 4SR
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	33	absolute value	15 01 01	paper and cardboard packaging	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	23	absolute value	20 03 01	mixed municipal waste	No
R4	Recycling/reclamation of metals and metal compounds	199	absolute value	20 01 40	metals	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	222	absolute value	15 01 02	plastic packaging	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	25	absolute value	20 03 01	mixed municipal waste	No
R1	Use principally as a fuel or other means to generate energy	240	absolute value	07 01 08	other still bottoms and reaction residues	Yes

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

4.21 Pollution inventory radioactive waste

Records within 500m

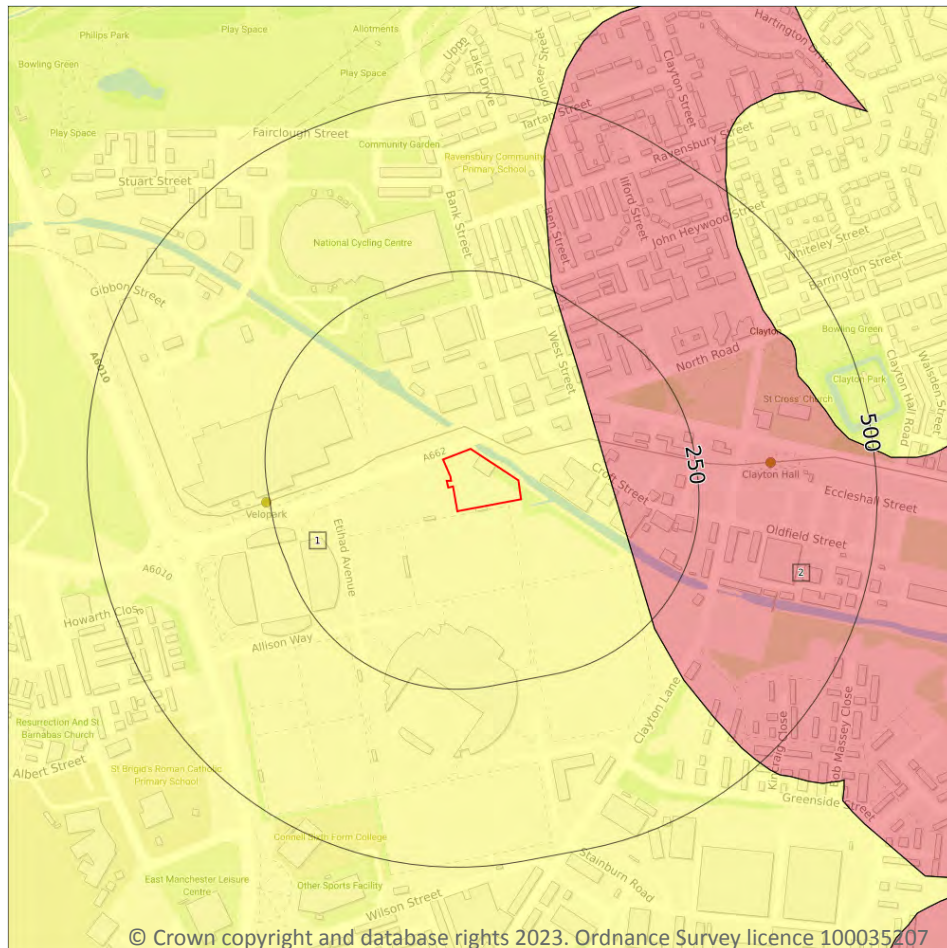
0

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

2

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 116](#) >

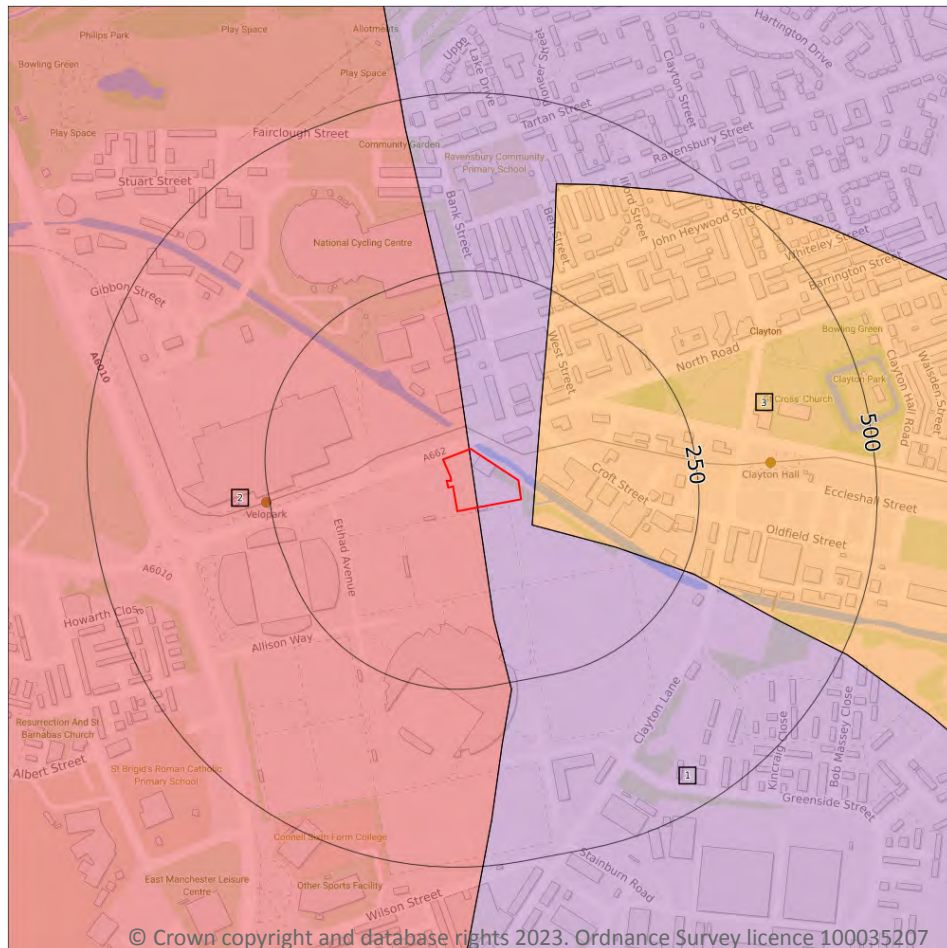
ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	124m 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.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 118](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	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



ID	Location	Designation	Description
3	18m E	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

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



Groundwater vulnerability



— Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m

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 120 >](#)



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low 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: >10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - Low 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: >10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
3	18m E	Summary Classification: Secondary superficial aquifer - Low 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: >10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

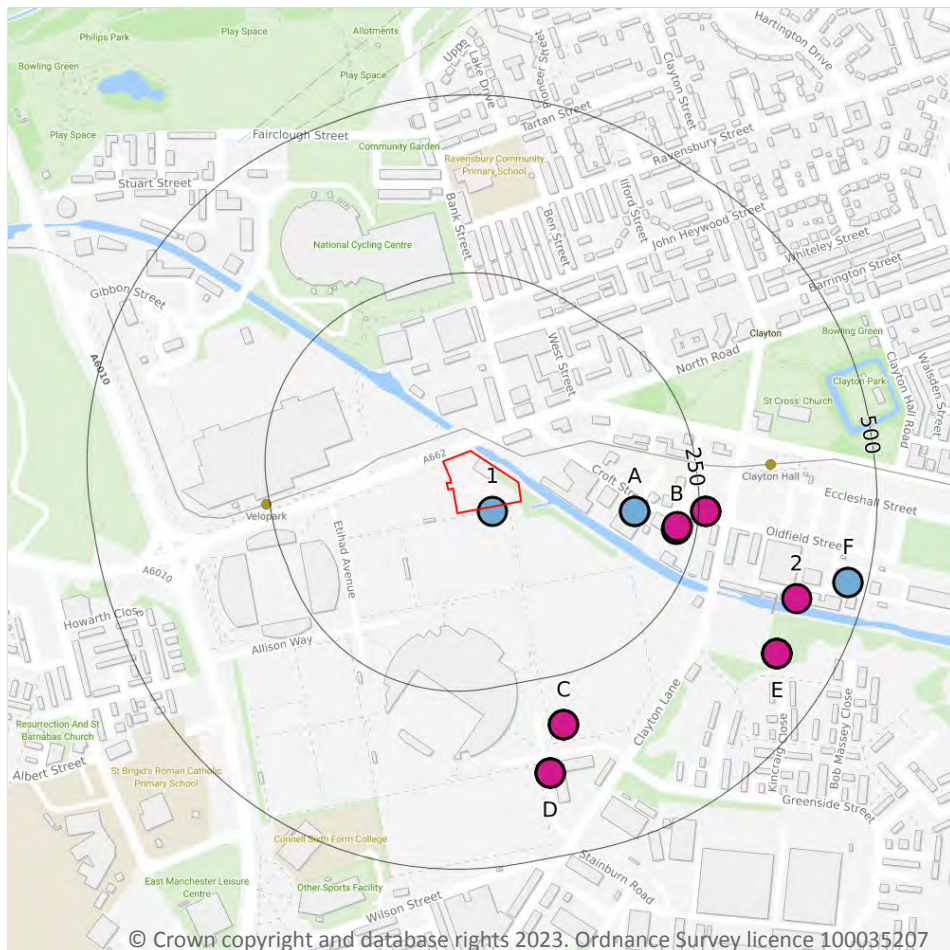
0

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

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



Abstractions and Source Protection Zones



- 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

26

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 122](#) >

ID	Location	Details	
B	222m E	Status: Active Licence No: 2569006037 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE 2 ON PREMISES AT CROFT STREET, CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Ltd Easting: 387859 Northing: 398375	Annual Volume (m ³): 111831.6 Max Daily Volume (m ³): 654.62 Original Application No: NPS/WR/035267 Original Start Date: 21/05/1985 Expiry Date: - Issue No: 104 Version Start Date: 19/04/2021 Version End Date: -
B	222m E	Status: Active Licence No: 2569006037 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE 1 ON PREMISES AT CROFT STREET, CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Ltd Easting: 387860 Northing: 398379	Annual Volume (m ³): 111831.6 Max Daily Volume (m ³): 654.62 Original Application No: NPS/WR/035267 Original Start Date: 21/05/1985 Expiry Date: - Issue No: 104 Version Start Date: 19/04/2021 Version End Date: -
B	260m E	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLES (2) ON PREMISES AT CROFT ST, CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
B	260m E	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES (2) ON PREMISES AT CROFT ST, CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -

ID	Location	Details	
B	260m E	Status: Historical Licence No: 2569006037 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 ON PREMISES AT CROFT STREET CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 387900 Northing: 398400	Annual Volume (m ³): 111832 Max Daily Volume (m ³): 654.624 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
C	319m S	Status: Historical Licence No: 2569006026 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CLAYTON, MANCHESTER" Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
C	319m S	Status: Historical Licence No: 2569006026 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES, CLAYTON, MANCHESTER" Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
C	319m S	Status: Historical Licence No: 2569006026 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CLAYTON, MANCHESTER Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): 633962 Max Daily Volume (m ³): 2837 Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -



ID	Location	Details	
C	319m S	Status: Historical Licence No: 2569006026 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, CLAYTON, MANCHESTER Data Type: Point Name: CIBA SPECIALTY CHEMICALS PLC Easting: 387700 Northing: 398100	Annual Volume (m ³): 633962 Max Daily Volume (m ³): 2837 Original Application No: - Original Start Date: 24/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 25/07/2000 Version End Date: -
D	383m S	Status: Historical Licence No: NW/069/0006/005 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -
D	383m S	Status: Historical Licence No: NW/069/0006/005 Details: Horticultural Watering Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -
D	383m S	Status: Historical Licence No: NW/069/0006/005 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 266113 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 14/11/2012 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 14/11/2012 Version End Date: -
D	383m S	Status: Active Licence No: NW/069/0006/005/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 221650 Max Daily Volume (m ³): 1000 Original Application No: NPS/WR/024168 Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
D	383m S	Status: Active Licence No: NW/069/0006/005/R01 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT OPENSHAW, WEST ASHTON Data Type: Point Name: MANCHESTER CITY FOOTBALL CLUB LIMITED Easting: 387681 Northing: 398032	Annual Volume (m ³): 221650 Max Daily Volume (m ³): 1000 Original Application No: NPS/WR/024168 Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
2	410m E	Status: Active Licence No: 2569006036 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: Evonik Chemicals Ltd Easting: 388027 Northing: 398277	Annual Volume (m ³): 372772 Max Daily Volume (m ³): 3600.5 Original Application No: NPS/WR/035265 Original Start Date: 21/05/1985 Expiry Date: - Issue No: 104 Version Start Date: 19/04/2021 Version End Date: -
E	418m SE	Status: Historical Licence No: 2569006036 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
E	418m SE	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER" Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -



ID	Location	Details	
E	418m SE	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
E	418m SE	Status: Historical Licence No: 2569006036 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON, MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
E	418m SE	Status: Historical Licence No: 2569006036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): 372772 Max Daily Volume (m ³): 3600.5 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
E	418m SE	Status: Historical Licence No: 2569006036 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE ON PREMISES AT CLAYTON MANCHESTER Data Type: Point Name: AIR PRODUCTS CHEMICALS LTD Easting: 388000 Northing: 398200	Annual Volume (m ³): 372772 Max Daily Volume (m ³): 3600.5 Original Application No: - Original Start Date: 21/05/1985 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -



ID	Location	Details	
-	1582m S	Status: Historical Licence No: 2569006044 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, GORTON, MANCHESTER Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 388030 Northing: 396880	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 115 Original Application No: - Original Start Date: 23/10/2003 Expiry Date: 31/03/2014 Issue No: 3 Version Start Date: 15/10/2007 Version End Date: -
-	1582m S	Status: Active Licence No: NW/069/0004/012 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PRESTON STREET, MANCHESTER Data Type: Point Name: Cemex UK Materials Limited Easting: 388030 Northing: 396880	Annual Volume (m ³): 7500 Max Daily Volume (m ³): 72 Original Application No: NPS/WR/030760A Original Start Date: 19/06/2014 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 21/12/2018 Version End Date: -
-	1644m NW	Status: Historical Licence No: 2569005061 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT NORTON STREET, MILES PLATTING, MANCHESTER" Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 386550 Northing: 399790	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/02/2000 Expiry Date: - Issue No: 2 Version Start Date: 01/07/2000 Version End Date: -
-	1644m NW	Status: Active Licence No: 2569005061 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT NORTON STREET, MILES PLATTING, MANCHESTER Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LIMITED Easting: 386550 Northing: 399790	Annual Volume (m ³): 33000 Max Daily Volume (m ³): 125 Original Application No: NPS/WR/011609 Original Start Date: 08/02/2000 Expiry Date: - Issue No: 3 Version Start Date: 13/08/2012 Version End Date: -



ID	Location	Details	
-	1806m NE	Status: Historical Licence No: 2569006021 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT CLAYTON MILL BRIDGE, MANCHESTER Data Type: Point Name: MANCHESTER ABATTOIR Easting: 389100 Northing: 399500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/05/1998 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	6
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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 122 >](#)

ID	Location	Details	
1	6m SE	Status: Historical Licence No: 2569006996 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL, MANCHESTER [VITACOM] Data Type: Point Name: BRITISH WATERWAYS Easting: 387600 Northing: 398400	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
A	160m E	Status: Historical Licence No: 2569006997 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "ASHTON CANAL, MANCHESTER [CLAYTON ANALINE]" Data Type: Point Name: BRITISH WATERWAYS Easting: 387800 Northing: 398400	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -

ID	Location	Details	
A	160m E	Status: Historical Licence No: 2569006997 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL, MANCHESTER [CLAYTON ANALINE] Data Type: Point Name: BRITISH WATERWAYS BOARD Easting: 387800 Northing: 398400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
A	160m E	Status: Historical Licence No: 2569006997 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL MANCHESTER CLAYTON ANALINE Data Type: Point Name: Canal and River Trust Easting: 387800 Northing: 398400	Annual Volume (m ³): 3500420 Max Daily Volume (m ³): 3500420 Original Application No: 1470 Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
F	473m E	Status: Historical Licence No: 2569006995 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "ASHTON CANAL, MANCHESTER" Data Type: Point Name: BRITISH WATERWAYS Easting: 388100 Northing: 398300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -
F	473m E	Status: Historical Licence No: 2569006995 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: ASHTON CANAL, MANCHESTER Data Type: Point Name: Canal and River Trust Easting: 388100 Northing: 398300	Annual Volume (m ³): 68190 Max Daily Volume (m ³): 68190 Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1969 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

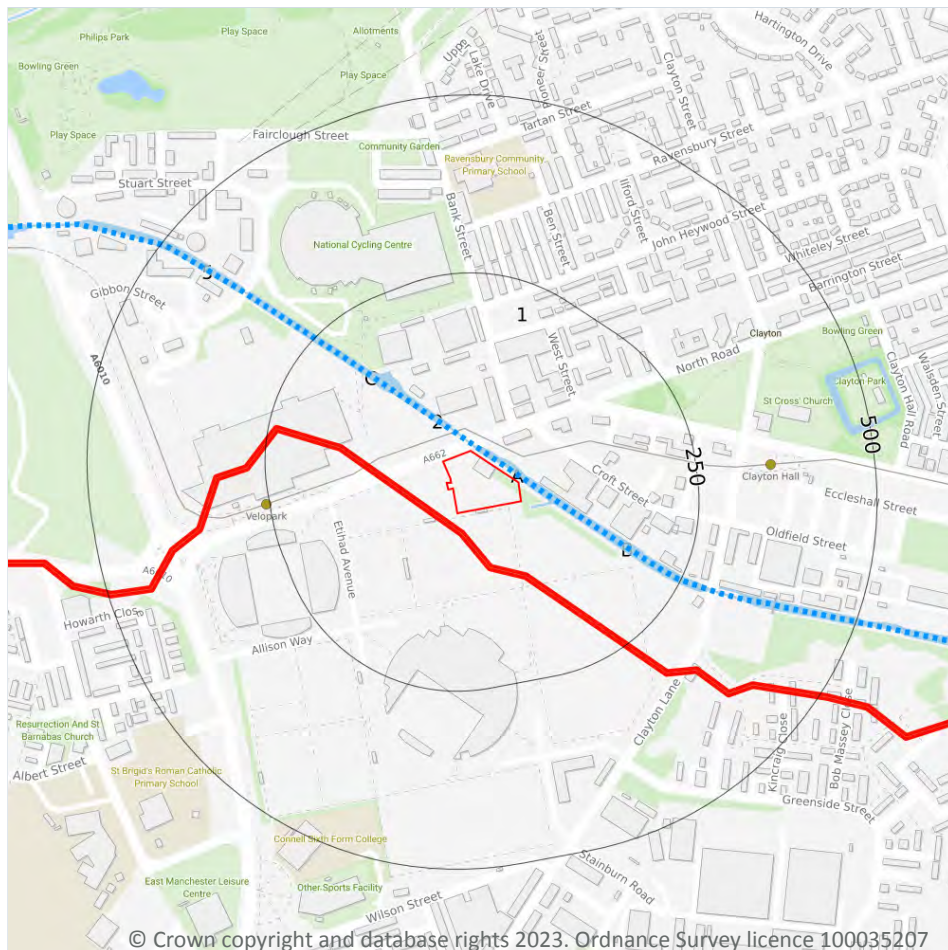
0

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

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



6 Hydrology



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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 132 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
2	7m N	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ashton Canal



ID	Location	Type of water feature	Ground level	Permanence	Name
A	8m E	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ashton Canal
A	9m NE	Manmade watercourse for water transfer.	On ground surface	Watercourse may not contain water all year round	Ashton Canal
B	10m E	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ashton Canal
C	168m NW	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ashton Canal
5	174m NW	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ashton Canal

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

2

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

Features are displayed on the Hydrology map on [page 132 >](#)

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 132 >](#)



ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Medlock (Lumb Brook to Irwell)	GB112069061152	Roch Irk Medlock	Irwell

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

6.4 WFD Surface water bodies

Records identified	2
---------------------------	----------

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 132 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	8m E	Canal	Ashton Canal and Peak Forest Canal, lower section	GB71210219 ↗	Moderate	Fail	Moderate	2019
-	710m N	River	Medlock (Lumb Brook to Irwell)	GB112069061152 ↗	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 132 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	GB41201G101100 ↗	Poor	Poor	Poor	2019



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



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m**0**

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

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

7.2 Historical Flood Events

Records within 250m**0**

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

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

7.3 Flood Defences

Records within 250m**0**

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

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

0

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

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

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 139 >](#)

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

Moderate

Highest risk within 50m

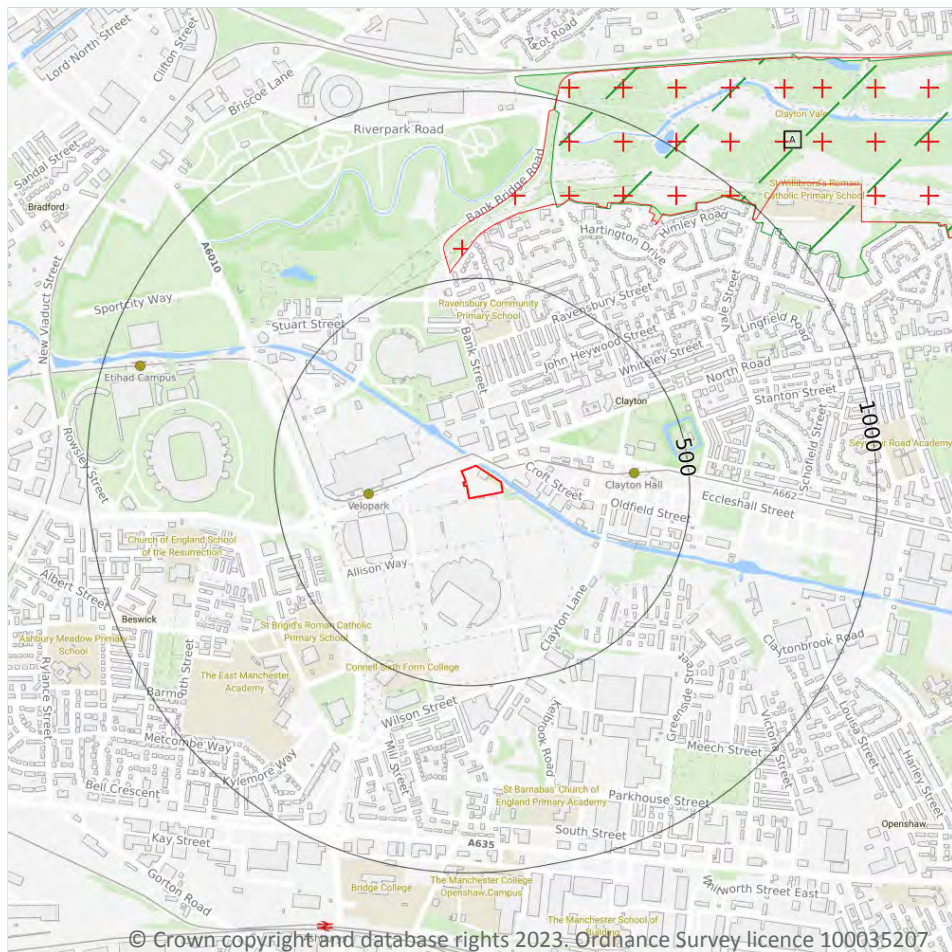
Moderate-High

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 141](#) >

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)
- + Green Belt

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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**1**

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.

Features are displayed on the Environmental designations map on [page 142 >](#)

ID	Location	Name	Data source
A	520m N	Clayton Vale	Natural England

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

2

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

Features are displayed on the Environmental designations map on [page 142 >](#)

ID	Location	Name	Local Authority name
A	723m N	Merseyside and Greater Manchester	Manchester
-	1736m NE	Merseyside and Greater Manchester	Tameside

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**

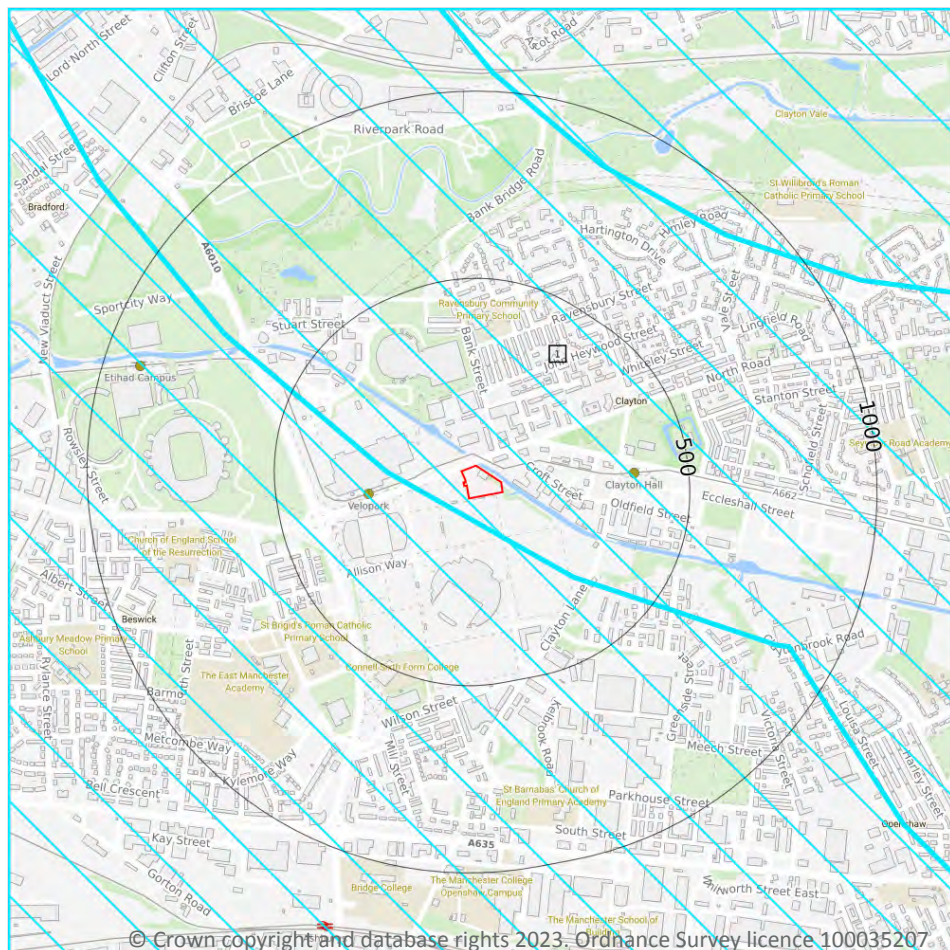
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
1985m N	River Irk (Moston Brook to River Irwell) NVZ	Surface Water	638	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 147 >](#)



ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). 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**1**

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 149 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	9m NE	Ashton Canal Lock Number 8 To South East Of Ashton New Road	II	1279617	06/06/1994

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

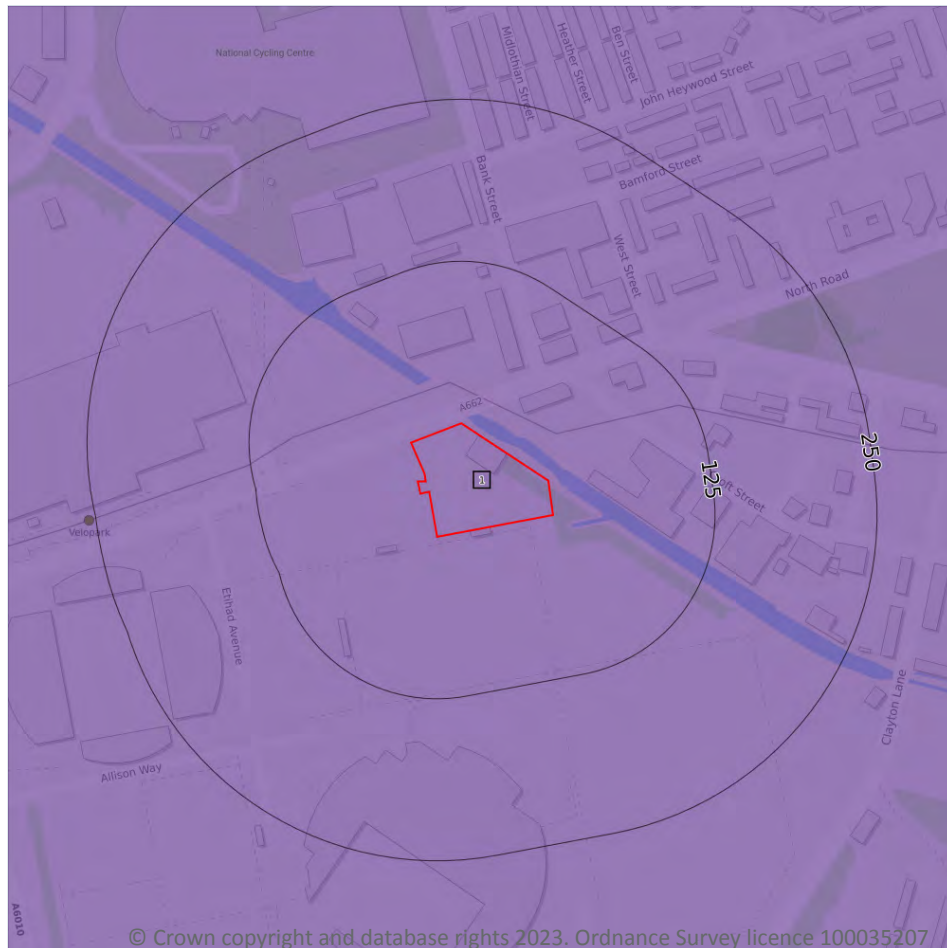
0

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 152](#) >

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

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

1

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 154](#) >

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	On site	NLUD Ref: 421501629; BRITPITS ref: 29591	Low	National Land Use Database - Previously Developed Land	British Geological Survey BRITPITS database	UK Perspectives Aerial Photography

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

1

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.

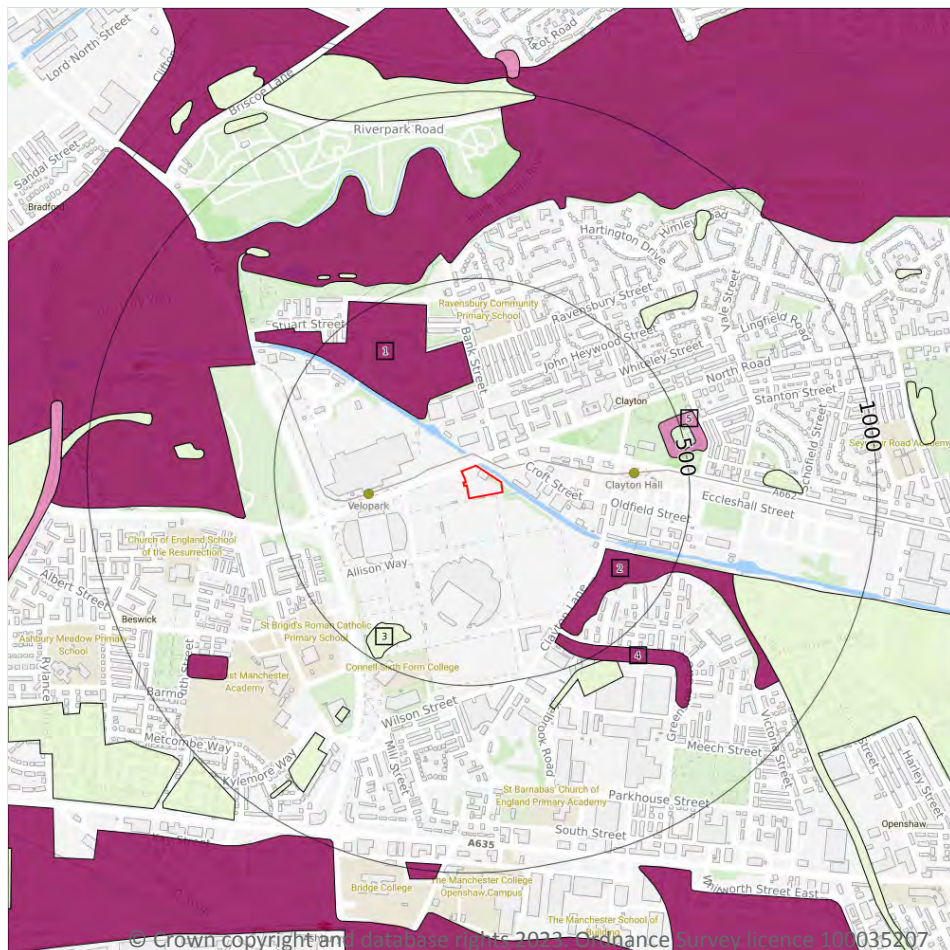
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 156](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SJ89NE

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

5

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 157](#) >

ID	Location	LEX Code	Description	Rock description
1	173m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	315m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	385m SW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
4	406m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

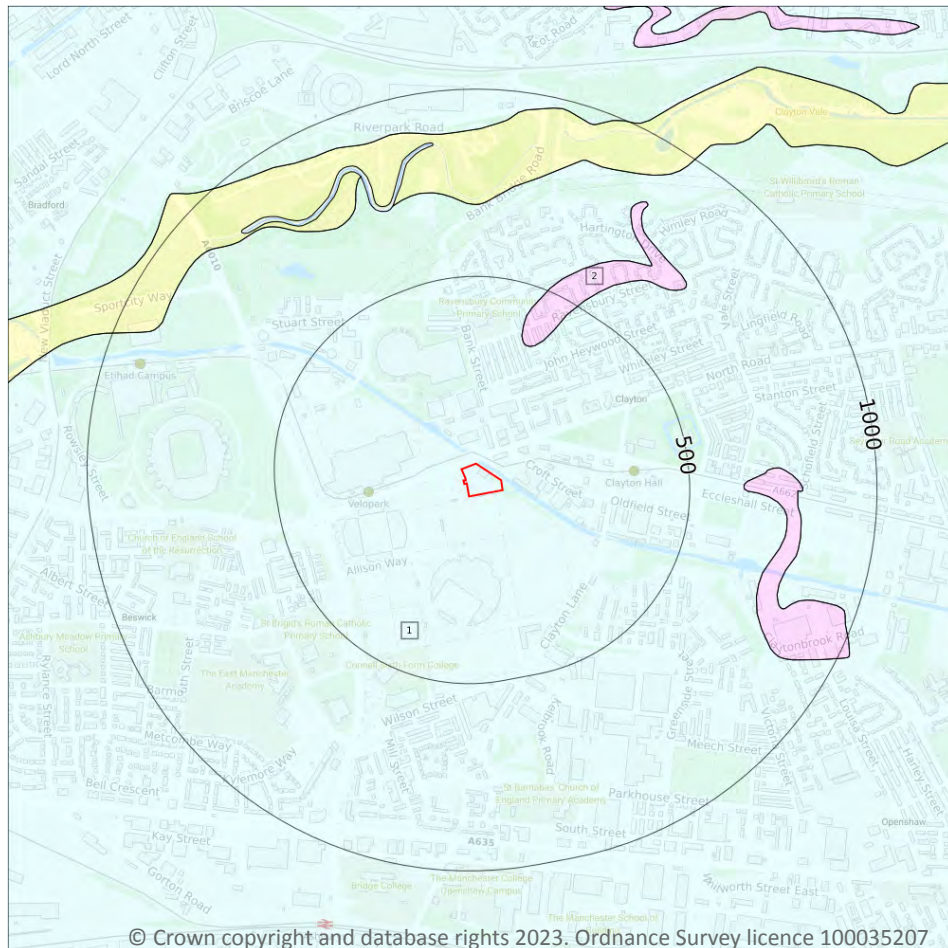


ID	Location	LEX Code	Description	Rock description
5	445m E	WGR-VOID	Worked Ground (Undivided)	Void

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

2

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 159](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	343m N	GFDUD-XSV	Glaciofluvial Deposits, Devensian - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

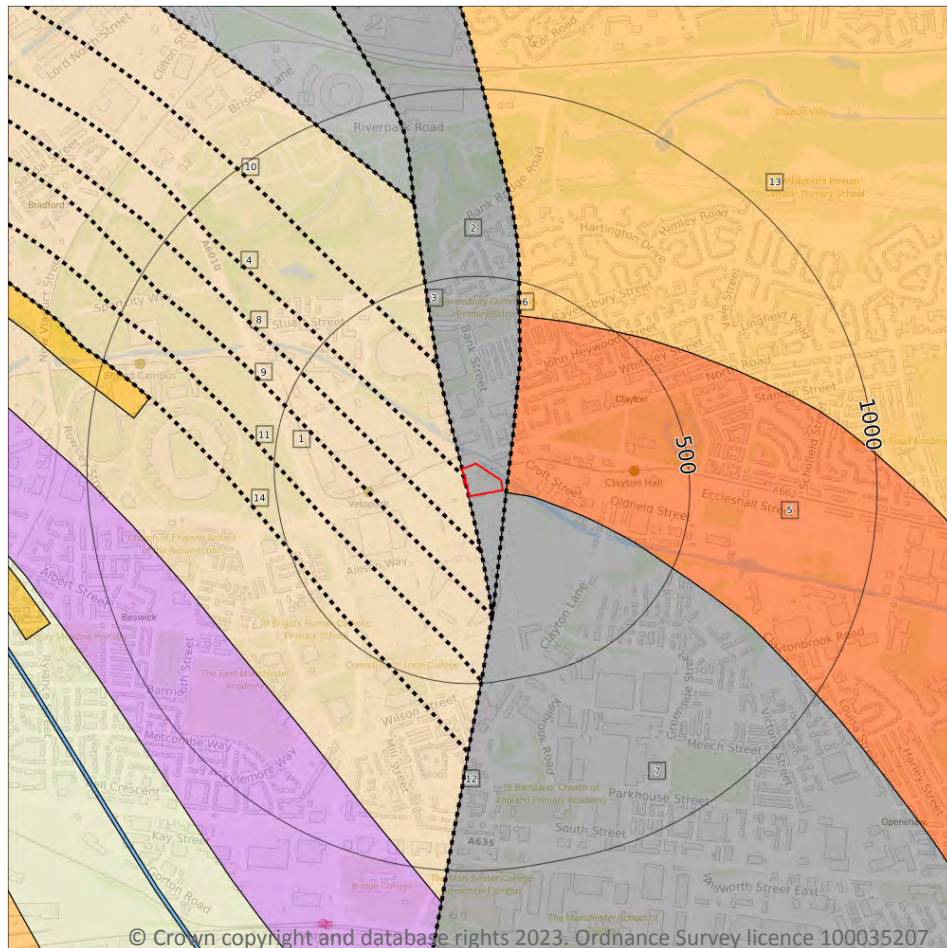
0

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.

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

5

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 161](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	PUCM-MDSS	Pennine Upper Coal Measures Formation - Mudstone, Siltstone And Sandstone	Westphalian D Sub-age - Bolsovian Sub-age
2	On site	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
5	10m E	MM-MDST	Manchester Marls Formation - Mudstone	Late Permian Epoch [Obsolete name]



ID	Location	LEX Code	Description	Rock age
7	12m SE	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
13	412m N	CS-SDST	Collyhurst Sandstone Formation - Sandstone	Cisuralian Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

9

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.

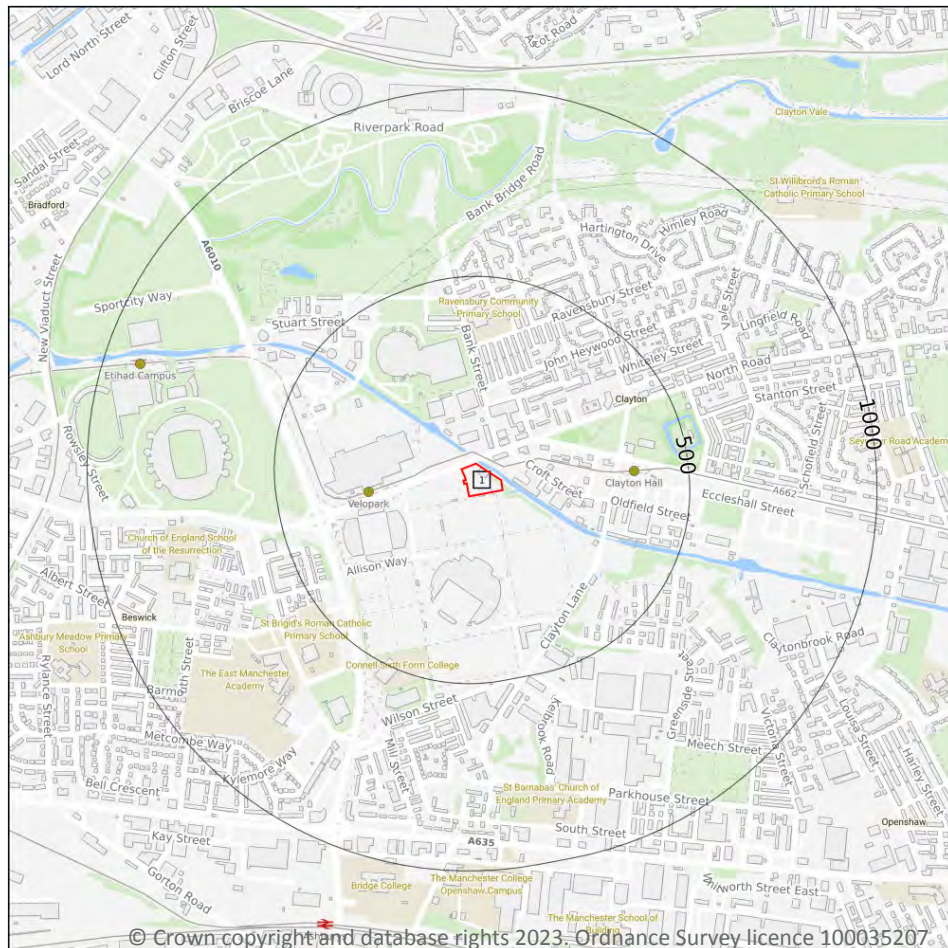
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 161](#) >

ID	Location	Category	Description
3	On site	FAULT	Normal fault, inferred; crossmarks on downthrow side
4	2m W	ROCK	Coal seam, inferred
6	10m E	FAULT	Normal fault, inferred; crossmarks on downthrow side
8	82m SW	ROCK	Coal seam, inferred
9	184m SW	ROCK	Coal seam, inferred
10	283m N	ROCK	Coal seam, inferred
11	316m SW	ROCK	Coal seam, inferred
12	325m S	FAULT	Normal fault, inferred; crossmarks on downthrow side
14	462m SW	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.

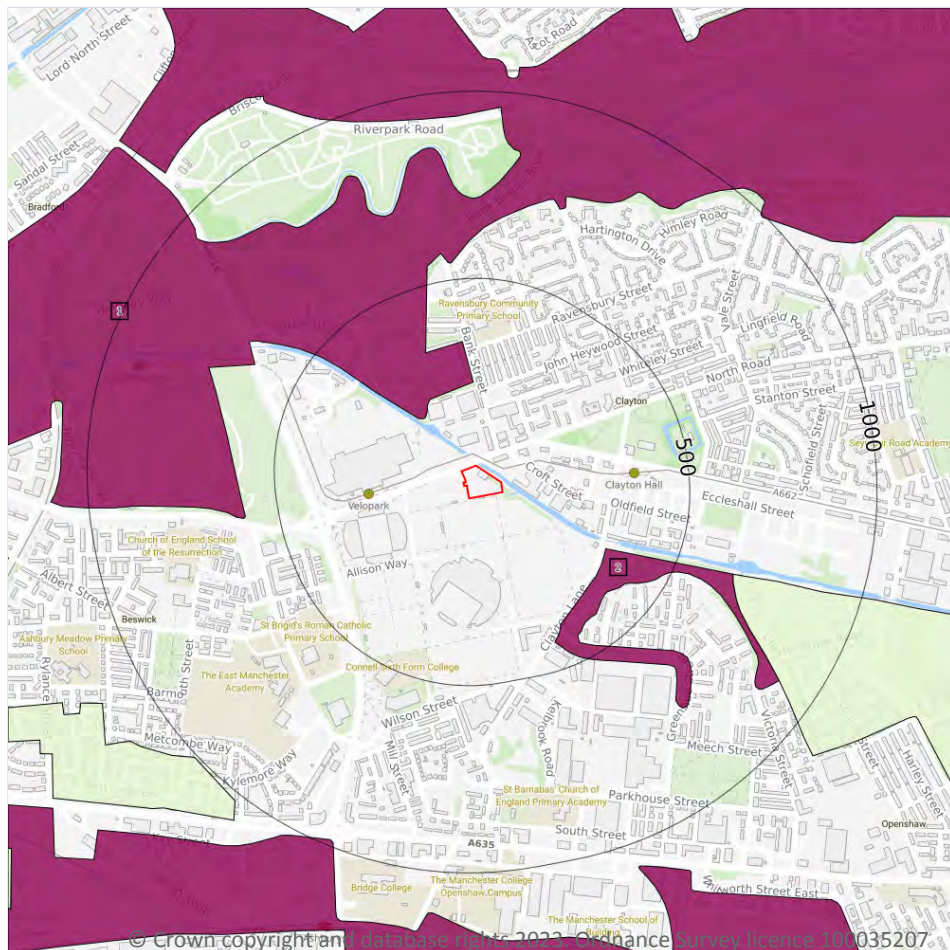
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 163](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW085_manchester_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

2

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 164](#) >

ID	Location	LEX Code	Description	Rock description
1	173m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	314m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

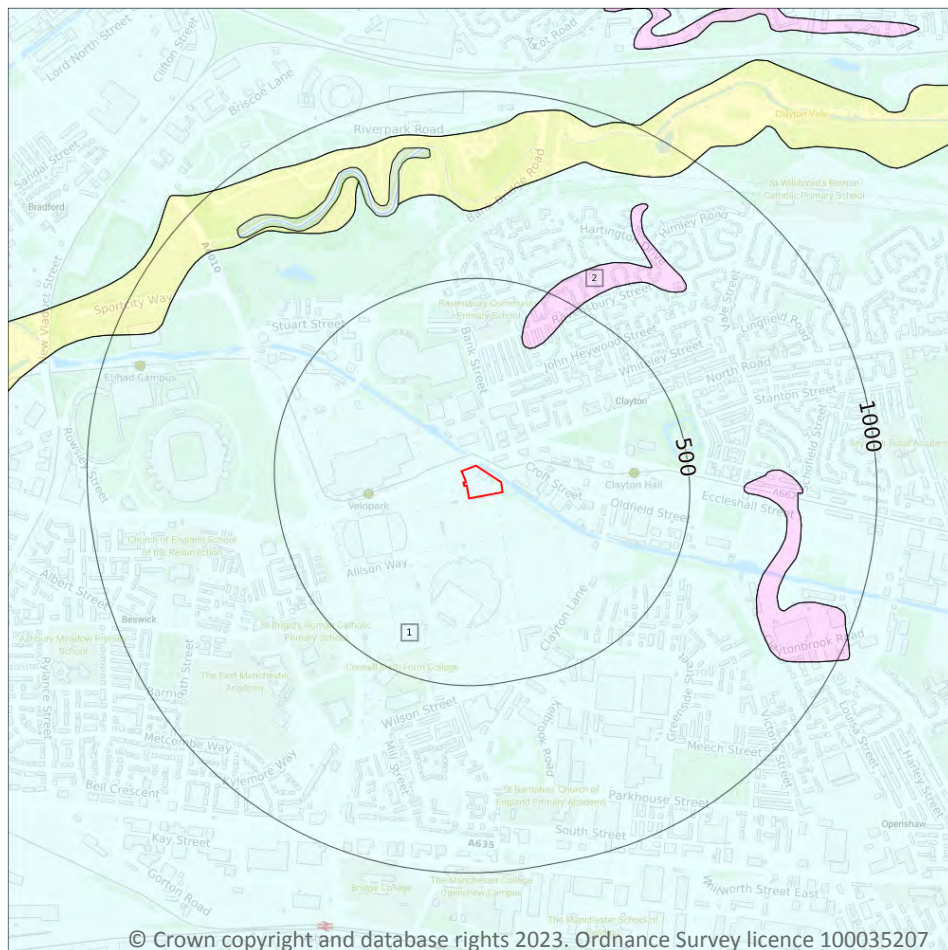
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



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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

2

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 166](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	343m N	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	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	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m**0**

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.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

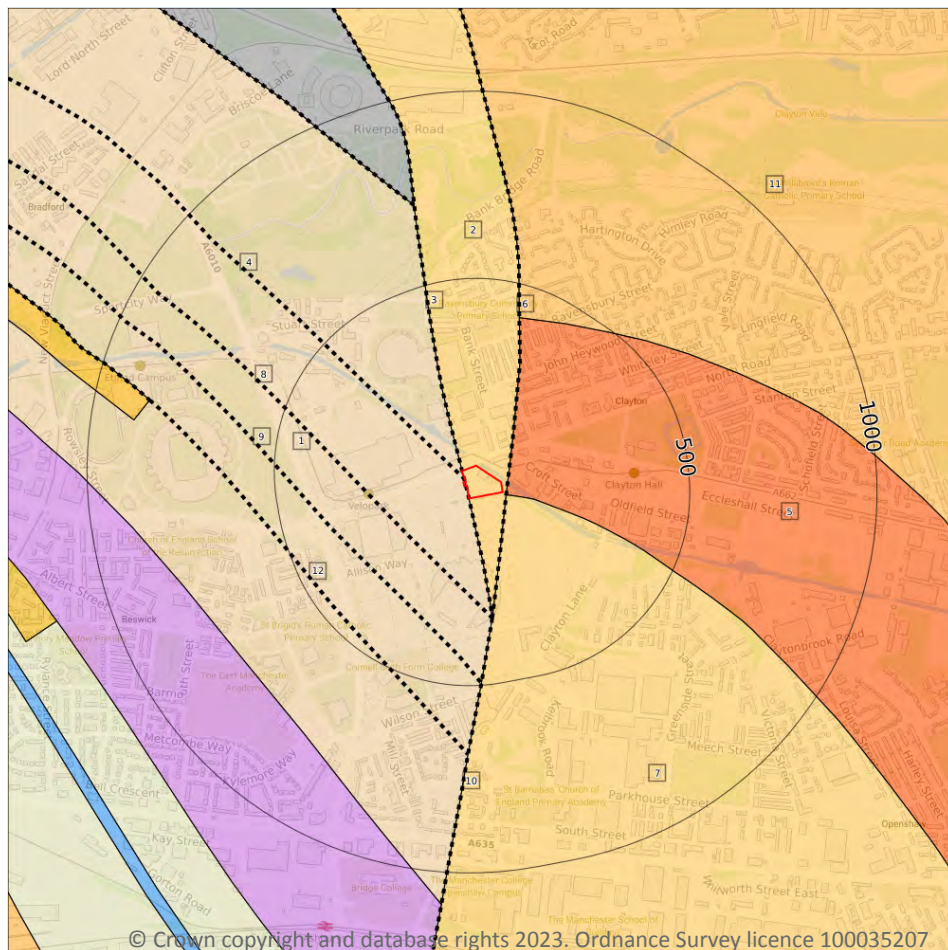
Records within 50m**0**

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

5

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 168](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	PUCM-MDSS	PENNINE UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
2	On site	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN
5	10m E	MM-MDST	MANCHESTER MARLS FORMATION - MUDSTONE	-



ID	Location	LEX Code	Description	Rock age
7	12m SE	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN
11	412m N	CS-SDST	COLLYHURST SANDSTONE FORMATION - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	3
---------------------------	----------

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
On site	Mixed	High	Moderate
10m E	Fracture	Low	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	7
----------------------------	----------

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 168 >](#)

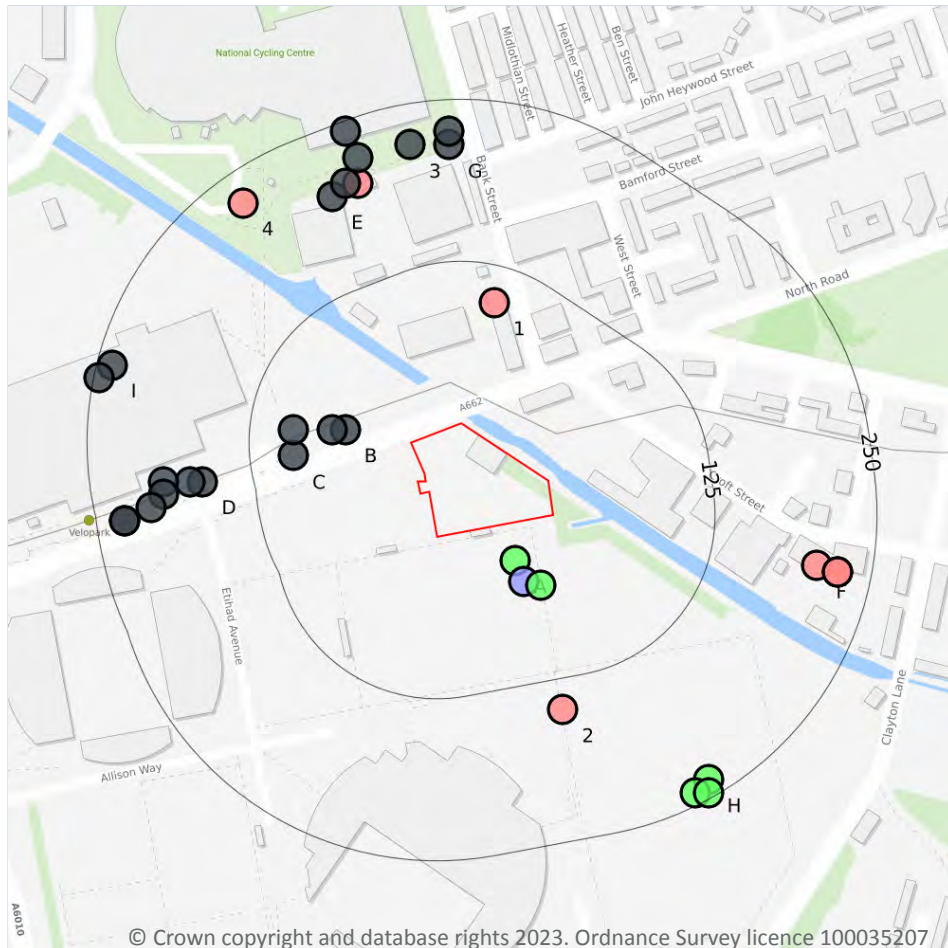
ID	Location	Category	Description
3	On site	FAULT	Fault, inferred
4	2m W	ROCK	Coal seam, inferred
6	10m E	FAULT	Fault, inferred
8	184m SW	ROCK	Coal seam, inferred
9	316m SW	ROCK	Coal seam, inferred
10	325m S	FAULT	Fault, inferred
12	462m SW	ROCK	Coal seam, inferred



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

33

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 171](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	29m SE	387611 398379	CLAYTON ANILINE WORKS T2	13.72	N	936608 ↗
A	46m SE	387618 398363	CLAYTON ANILINE WORKS T3	5.49	N	936609 ↗
A	51m SE	387631 398360	CLAYTON ANILINE WORKS T1	10.06	N	936607 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
B	52m W	387480 398480	MANCHESTER METROLINK-ADDITIONAL WORKS BHA10	-	Y	N/A
B	62m W	387470 398480	MANCHESTER METROLINK-ADDITIONAL WORKS BHA9	-	Y	N/A
C	91m W	387440 398460	MANCHESTER METROLINK-ADDITIONAL WORKS BHA7	-	Y	N/A
C	91m W	387440 398480	MANCHESTER METROLINK-ADDITIONAL WORKS BHA8	-	Y	N/A
1	97m N	387595 398578	MAIN & CRANE ASHTON NEW ROAD	61.57	N	936497 ↗
2	149m S	387648 398264	CLAYTON ANILINE CO.	60.96	N	936499 ↗
D	164m W	387370 398440	MANCHESTER METRO PHASE 3 EXTENSION TO COMMONWEALTH WEALTH GAMES STADIUM TP J6	-	Y	N/A
D	173m W	387360 398440	MANCHESTER METRO PHASE 3 EXTENSION TO COMMONWEALTH WEALTH GAMES STADIUM TP J7	-	Y	N/A
D	193m W	387340 398440	MANCHESTER METRO PHASE 3 EXTENSION TO COMMONWEALTH WEALTH GAMES STADIUM TP J8	-	Y	N/A
D	195m W	387340 398430	MANCHESTER METRO PHASE 3 EXTENSION TO COMMONWEALTH WEALTH GAMES STADIUM BHJ5	-	Y	N/A
E	199m NW	387470 398660	EASTLANDS PLOTS 56 & 57 BH4/56	-	Y	N/A
E	201m N	387490 398670	EASTLANDS R1/56	45.0	N	936636 ↗
E	205m NW	387480 398670	EASTLANDS PLOTS 56 & 57 BHR1/56	-	Y	N/A
D	207m W	387330 398420	MANCHESTER METROLINK-ADDITIONAL WORKS BHA6A	-	Y	N/A
F	207m E	387844 398375	MARSDEN CLAYTON LTD	103.33	N	936498 ↗
G	215m N	387560 398700	EASTLANDS PLOTS 56 & 57 BH3/56	-	Y	N/A
3	219m N	387530 398700	EASTLANDS PLOTS 56 & 57 TH2/56	-	Y	N/A
E	220m N	387490 398690	EASTLANDS PLOTS 56 & 57 TH3/56	-	Y	N/A
F	224m E	387860 398370	VICTOR WOLF LTD CLAYTON SOUTH	137.16	N	937338 ↗
F	224m E	387860 398370	VICTOR WOLF LTD CLAYTON NORTH	137.16	N	937337 ↗
G	225m N	387560 398710	EASTLANDS PLOTS 56 & 57 TH1/56	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	226m NW	387401 398655	BRADFORD COLLIERY MAIN NORTH CROSS CUT	43.59	N	936496 ↗
D	228m W	387310 398410	MANCHESTER METRO PHASE 3 EXTENSION TO COMMONWEALTH WEALTH GAMES STADIUM TP J9`	-	Y	N/A
D	228m W	387310 398410	MANCHESTER METROLINK-ADDITIONAL WORKS BHA5	-	Y	N/A
H	237m SE	387760 398210	CIBA CLAYTON MANCHESTER 2	15.0	N	937268 ↗
I	239m W	387300 398530	EASTLANDS PLOTS 48 & 51 BH4/48	-	Y	N/A
H	241m SE	387750 398200	CIBA CLAYTON MANCHESTER 3	30.0	N	937269 ↗
E	242m N	387480 398710	EASTLANDS PLOTS 56 & 57 TH4/56	-	Y	N/A
H	245m SE	387760 398200	CIBA CLAYTON MANCHESTER 1	15.4	N	937267 ↗
I	246m W	387290 398520	EASTLANDS PLOTS 48 & 51 TH8/48	-	Y	N/A

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

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17.1 Shrink swell clays

Records within 50m

1

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 174 >](#)

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

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

17.2 Running sands

Records within 50m

1

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.

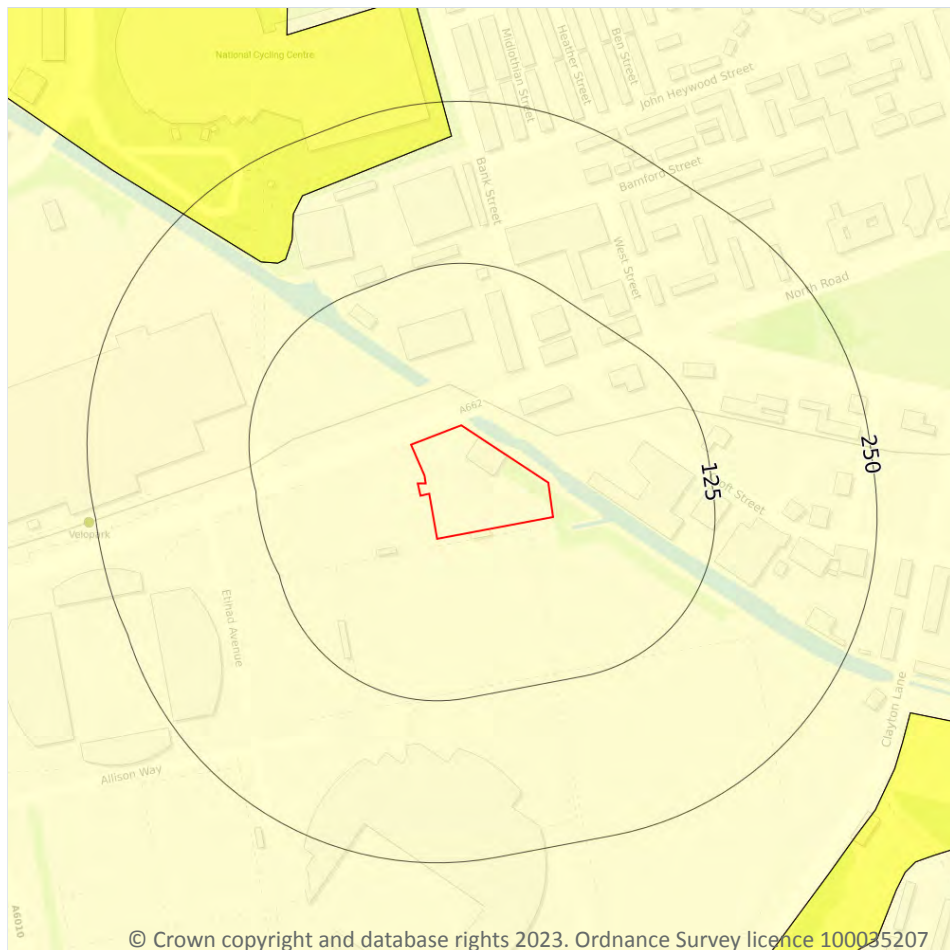
Features are displayed on the Natural ground subsidence - Running sands map on [page 175 >](#)

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.

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

1

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 176](#) >

Location	Hazard rating	Details
On site	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

1

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 177 >](#)

Location	Hazard rating	Details
On site	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

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17.5 Landslides

Records within 50m

1

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 178](#) >

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.

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 179 >](#)

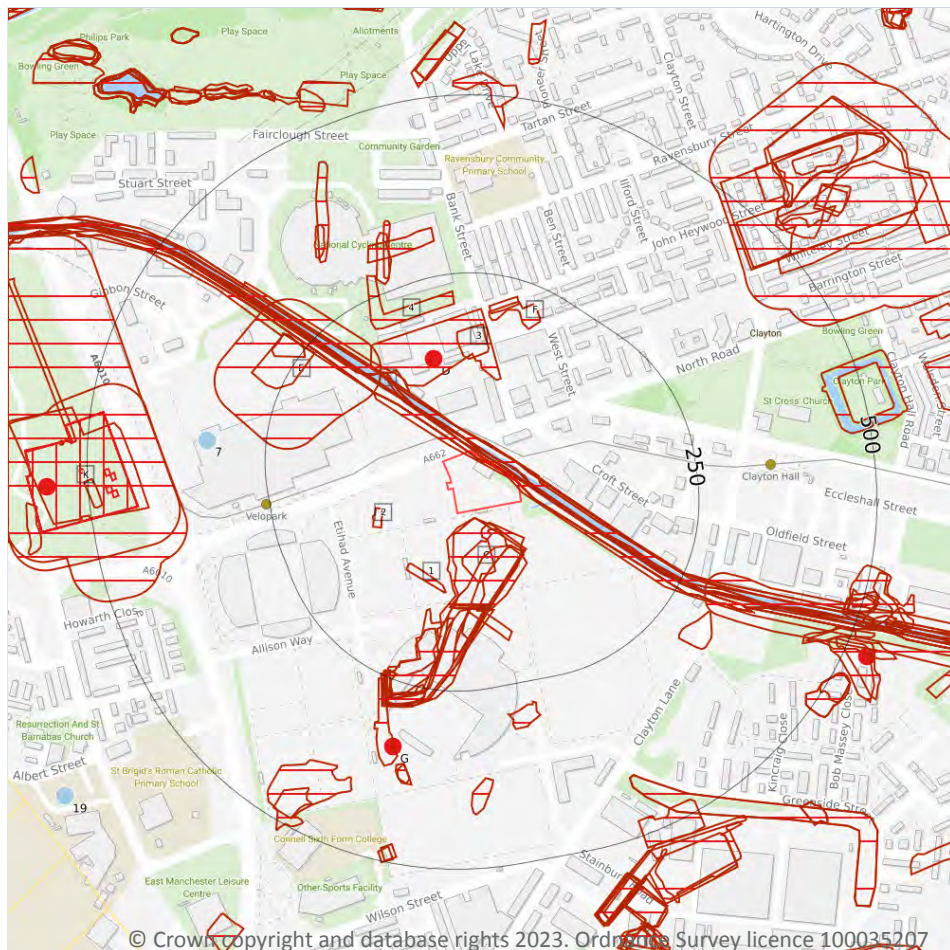
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



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

2

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 181 >](#)

ID	Location	Details	Description
D	139m N	Name: West End Brick Field Address: Clayton, MANCHESTER, Lancashire 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
G	339m S	Name: Clayton Colliery Address: Gorton, MANCHESTER, Lancashire Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) 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

37

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 181 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Canal	1938	1:10560
A	On site	Canal	1933	1:10560
A	On site	Canal	1921	1:10560
A	On site	Canal	1906	1:10560
A	On site	Canal	1891	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Canal	1923	1:10560
B	6m E	Canal	1968	1:10560
B	6m E	Canal	1956	1:10560
B	10m N	Canal	1985	1:10000
B	10m N	Canal	1978	1:10000
C	11m S	Refuse Heap	1923	1:10560
B	11m N	Canal	1991	1:10000
C	11m S	Refuse Heap	1921	1:10560
C	21m S	Unspecified Heap	1956	1:10560
C	31m S	Pond	1891	1:10560
C	57m S	Refuse Heap	1906	1:10560
C	61m SE	Refuse Heap	1891	1:10560
1	95m SW	Pond	1851	1:10560
2	97m W	Colliery	1851	1:10560
D	106m N	Brick Kiln	1851	1:10560
C	128m S	Refuse Heap	1915	1:10560
C	129m S	Pond	1851	1:10560
3	129m N	Refuse Heap	1891	1:10560
C	130m S	Refuse Heap	1905	1:10560
C	132m S	Unspecified Heap	1938	1:10560
C	132m S	Unspecified Heap	1934	1:10560
C	136m S	Refuse Heap	1890	1:10560
E	137m NW	Brick Field	1891	1:10560
C	140m S	Refuse	1956	1:10560
C	165m S	Refuse Heap	1968	1:10560
F	186m N	Pond	1891	1:10560
F	195m N	Pond	1851	1:10560
4	204m N	Unspecified Ground Workings	1923	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
E	235m NW	Unspecified Ground Workings	1906	1:10560
C	239m SW	Refuse Heap	1938	1:10560
C	240m SW	Refuse Heap	1934	1:10560
E	243m NW	Unspecified Pit	1938	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

7

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 181](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
K	433m W	Colliery	1921	1:10560
K	433m W	Colliery	1906	1:10560
K	433m W	Colliery	1923	1:10560
K	458m W	Unspecified Disused Shafts	1985	1:10000
K	460m W	Unspecified Disused Shafts	1985	1:10000
K	465m W	Unspecified Shafts	1978	1:10000
K	467m W	Unspecified Shafts	1978	1:10000

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

1

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 181 >](#)

ID	Location	Name	Commodity	Class	Likelihood
21	727m SW	Not available	Vein Mineral	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

2

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.

Features are displayed on the Mining, ground workings and natural cavities map on [page 181 >](#)

ID	Location	Mine Address	Mineral	Data source	Publisher
7	332m W	Manchester, Greater Manchester	Fireclay	'Underground Manchester - Secrets of the city revealed'	Willow Publishing
19	679m SW	Ardwick, Greater Manchester	Bath Stone, Cornstone, Limestone	CATALOGUE OF PLANS OF ABANDONED MINES (NON COAL)	-

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

1

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



Location	Details
On site	In addition to being located inside an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) have information such as mining plans and maps held within their archive of mining activities that have occurred within 1km of this property which may supplement this information. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk ↗.

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
-----------------	---

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
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

Records on site	0
-----------------	---

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

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



19 Radon



— Site Outline
Search buffers in metres (m)

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

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19.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 188](#) >

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



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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

8

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
15m N	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
16m N	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
18m E	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m W	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
39m SE	15 - 25 mg/kg	No data	200 - 300 mg/kg	120 - 240 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
43m NW	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.



20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

9

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	22	3.8	52	36	0.3	73	21	28	4
On site	24	4.2	57	39	0.3	75	21	29	5
On site	25	4.4	45	31	0.3	81	22	30	4
6m SE	21	3.7	47	32	0.3	72	25	27	4
15m N	25	4.4	49	34	0.3	77	20	31	4
29m N	26	4.6	43	30	0.3	83	21	32	4
31m W	24	4.2	40	27	0.3	75	19	30	31
43m NW	25	4.4	39	27	0.3	78	19	31	41
49m SW	24	4.2	42	29	0.3	73	20	28	20

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

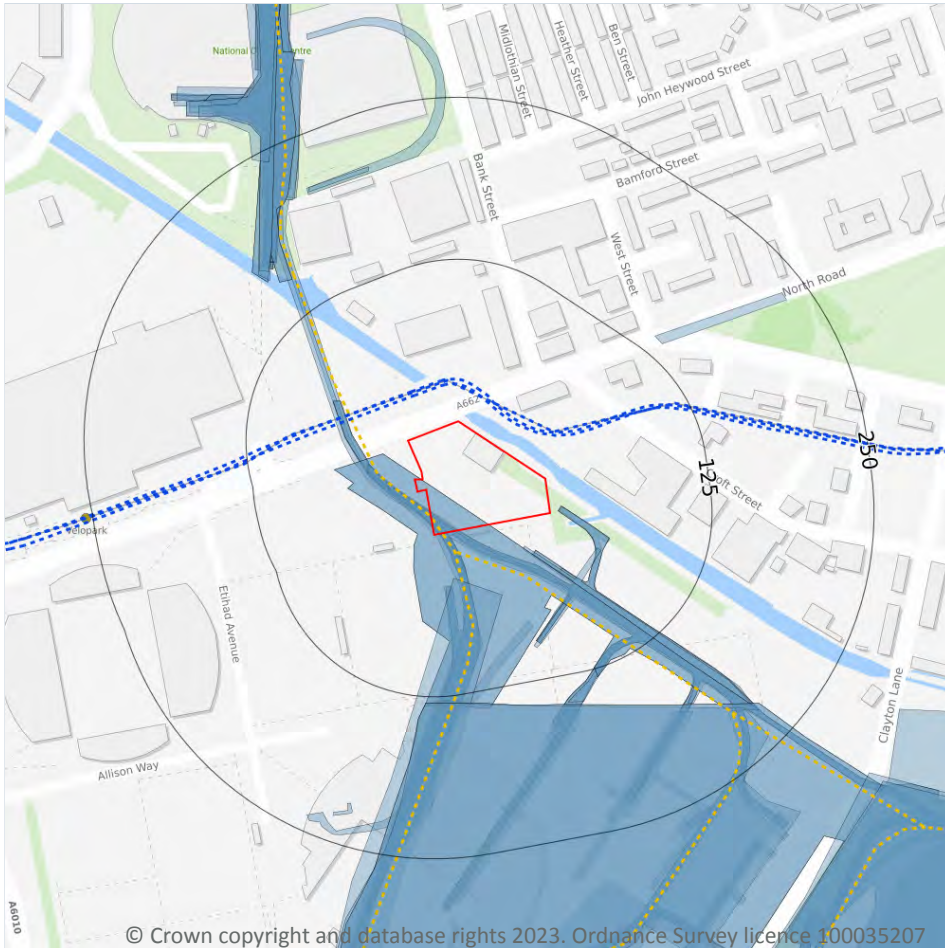
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)**
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

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



This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0
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Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	34
----------------------------	-----------

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

Features are displayed on the Railway infrastructure and projects map on [page 192 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1949	2500
On site	Railway Sidings	1987	1250
On site	Railway Sidings	1991	1250
On site	Mineral Railway Sidings	1970	1250
On site	Mineral Railway Sidings	1949	1250
On site	Mineral Railway Sidings	1956	1250
On site	Mineral Railway Sidings	1980	1250
On site	Railway Sidings	1932	2500
On site	Railway Sidings	1938	10560
On site	Railway Sidings	1933	10560
35m W	Mineral Railway Sidings	1949	1250
35m W	Mineral Railway Sidings	1953	1250
36m S	Railway Sidings	1978	10000
78m S	Railway Sidings	1893	2500
128m S	Railway Sidings	1893	2500
128m S	Railway	1932	-
130m S	Railway Sidings	1938	10560



Location	Land Use	Year of mapping	Mapping scale
130m S	Railway Sidings	1934	10560
134m S	Railway Sidings	1933	2500
138m NE	Tramway Sidings	1908	2500
152m S	Railway Sidings	1933	2500
153m NW	Mineral Railway Sidings	1938	10560
153m NW	Mineral Railway Sidings	1933	10560
163m NW	Mineral Railway Sidings	1906	10560
168m NW	Mineral Railway Sidings	1908	2500
168m NW	Mineral Railway Sidings	1922	2500
169m NW	Railway Sidings	1921	10560
171m NW	Railway	1922	-
172m NW	Railway Sidings	1953	1250
172m NW	Railway Sidings	1949	1250
203m N	Railway Sidings	1949	2500
205m N	Railway Sidings	1949	1250
217m S	Railway Sidings	1933	2500
240m NW	Railway Sidings	1923	10560

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.



21.6 Historical railways

Records within 250m
5

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

Features are displayed on the Railway infrastructure and projects map on [page 192 >](#)

Location	Description
On site	Dismantled
118m NW	Dismantled
155m NW	Abandoned
193m NW	Dismantled
208m SE	Dismantled

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m
10

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

Features are displayed on the Railway infrastructure and projects map on [page 192 >](#)

Location	Name	Type
23m NE		light_rail
25m N	Not given	Multi Track
25m NE		light_rail
26m N		light_rail
29m N		light_rail
30m N		light_rail
31m NW		light_rail
34m N		light_rail
34m NW		light_rail
102m E		light_rail

This data is sourced from Ordnance Survey and OpenStreetMap.



21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

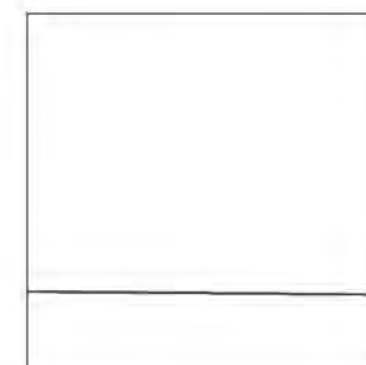
Map date: 1893

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1893
Revised N/A
Edition 1893
Copyright N/A
Levelled N/A



Surveyed 1893
Revised N/A
Edition 1893
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Production date: 01 June 2023

Map legend available at:
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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1908

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1891
Revised 1905
Edition 1908
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Surveyed 1891
Revised 1905
Edition 1908
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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500



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Edition 1922
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Surveyed 1922
Revised 1916
Edition 1922
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Site Details:

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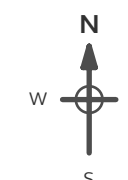
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Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1932-1933

Scale: 1:2,500

Printed at: 1:2,500



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Surveyed 1873
Revised 1933
Edition N/A
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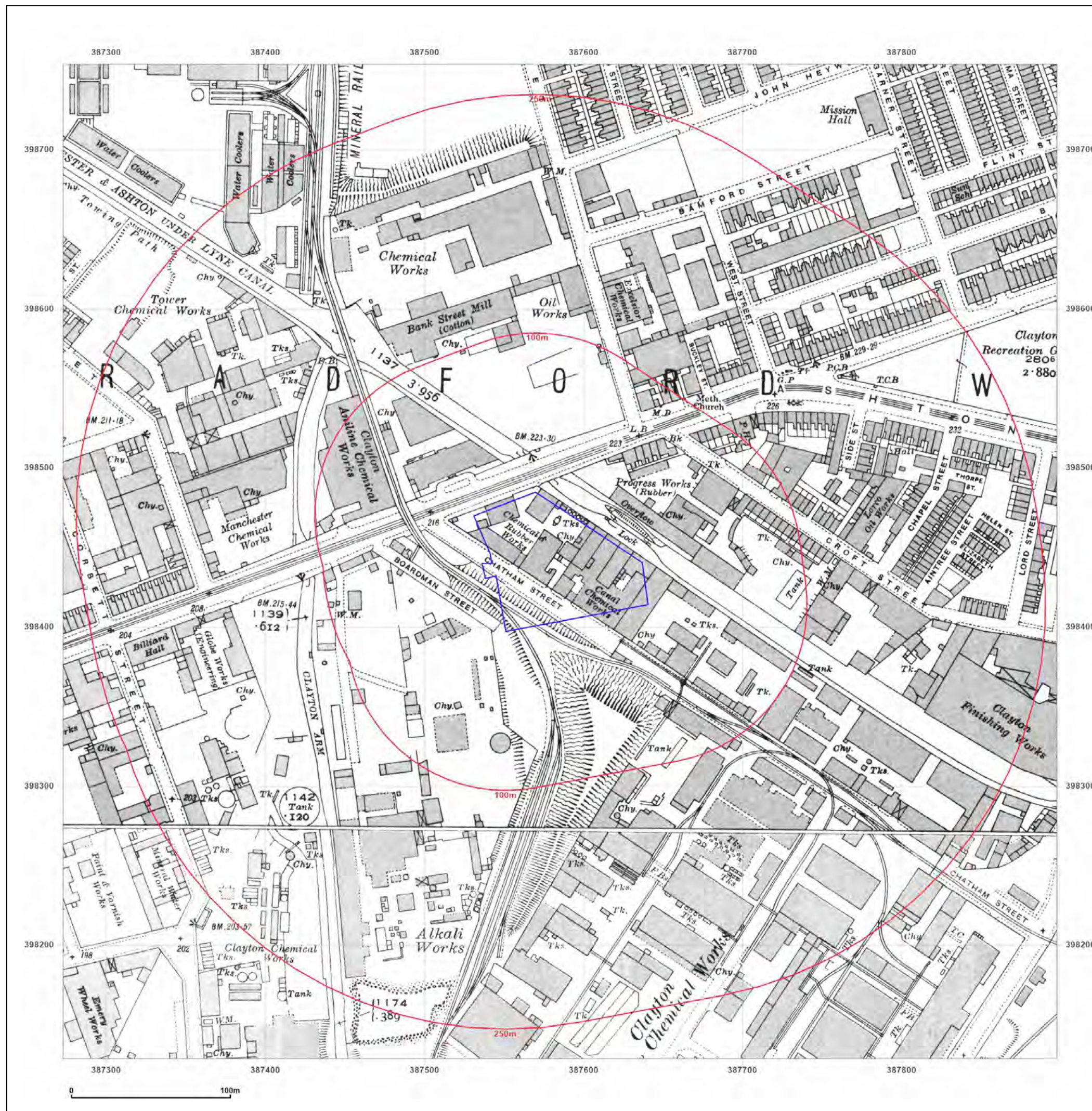


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

Map date: 1949

Scale: 1:1,250

Printed at: 1:2,000



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Surveyed 1949
Revised 1949
Edition N/A
Copyright N/A
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Revised 1949
Edition N/A
Copyright 1949
Levelled 1949

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Revised 1949
Edition N/A
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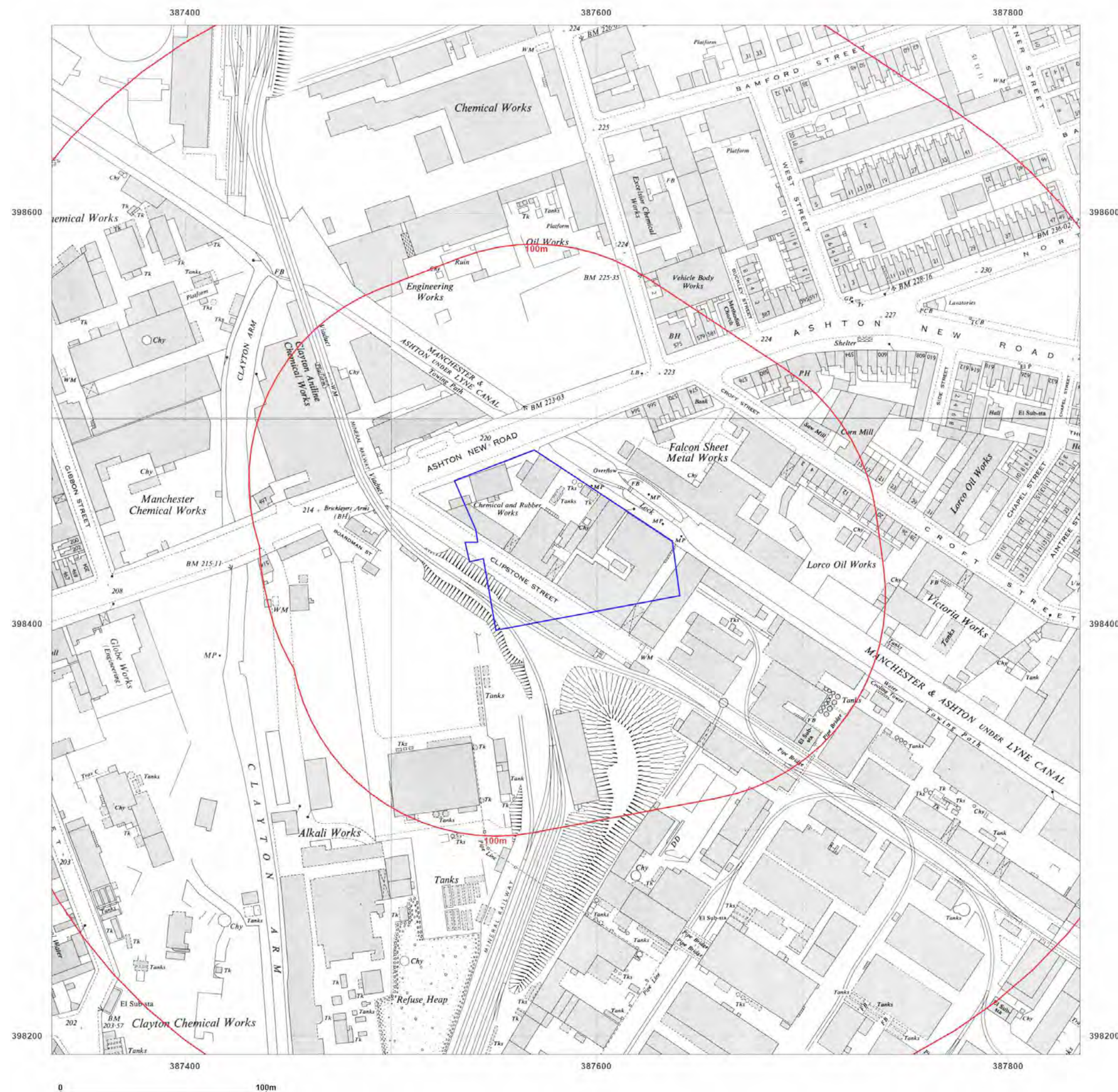


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

Map date: 1950

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1949
Revised 1949
Edition N/A
Copyright 1950
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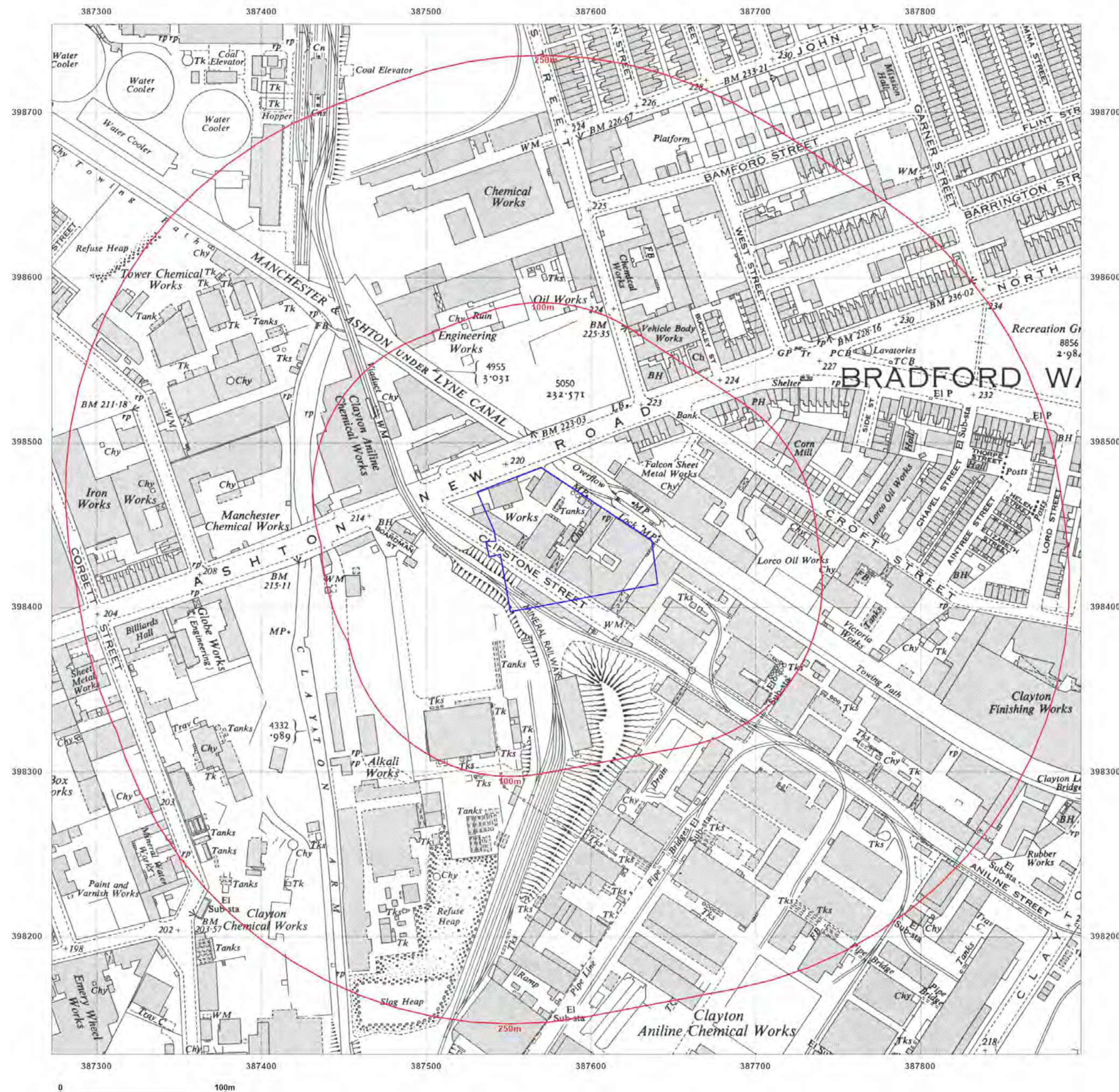


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

Map date: 1951

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
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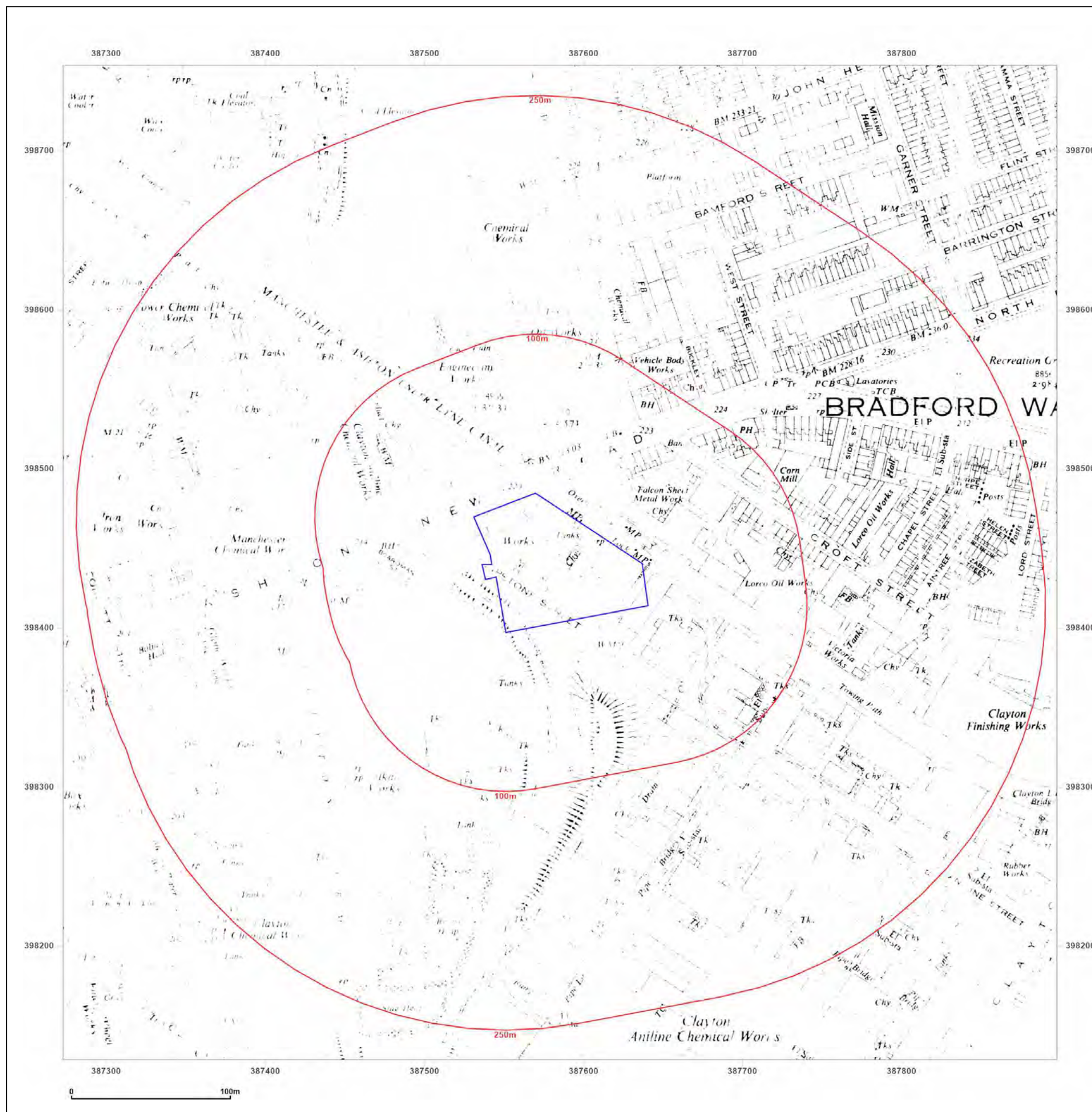


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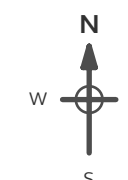
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Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

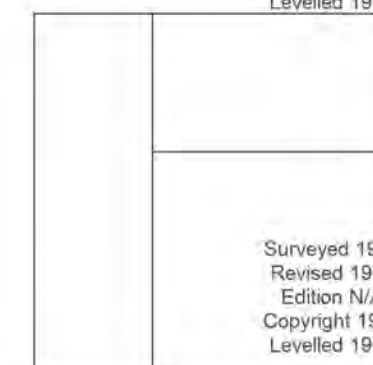
Map date: 1970-1972

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Surveyed 1949
Revised 1970
Edition N/A
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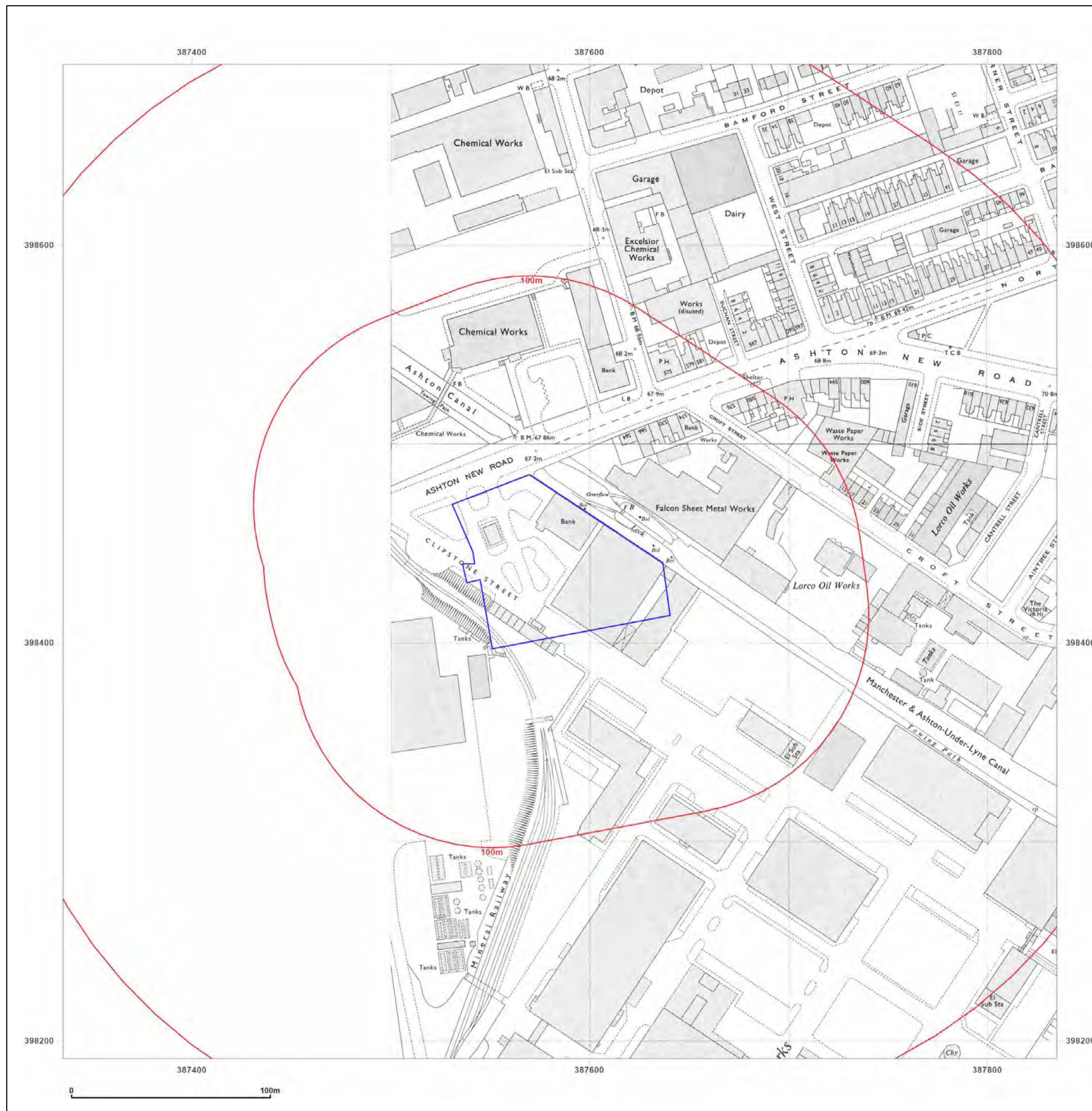


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

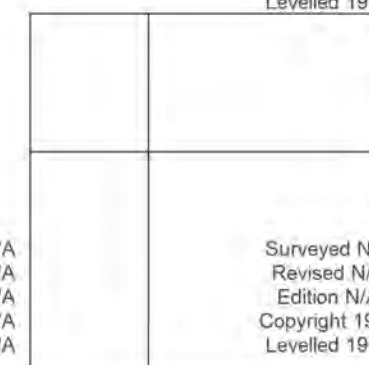
Map date: 1977-1980

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
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Levelled 1964



Surveyed N/A
Revised N/A
Edition N/A
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Surveyed N/A
Revised N/A
Edition N/A
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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

Map date: 1986-1991

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1949
Revised 1988
Edition N/A
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Levelled 1964

Surveyed 1949
Revised 1984
Edition N/A
Copyright 1986
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Surveyed 1964
Revised 1991
Edition N/A
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Surveyed 1964
Revised 1986
Edition N/A
Copyright 1987
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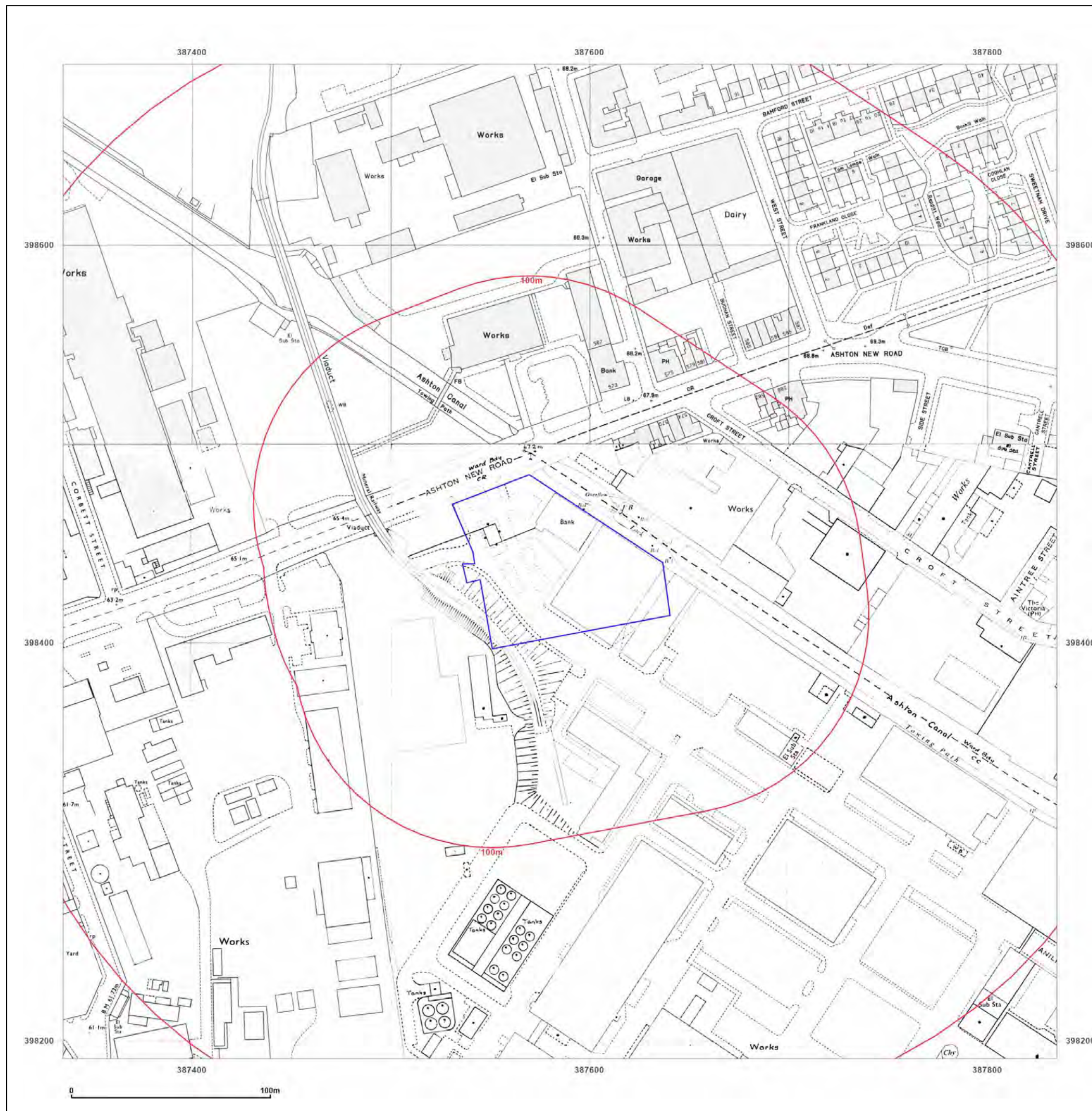


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

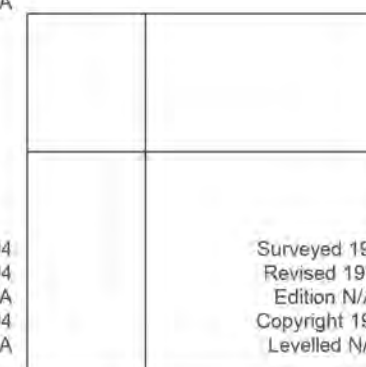
Map date: 1992-1994

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Edition N/A
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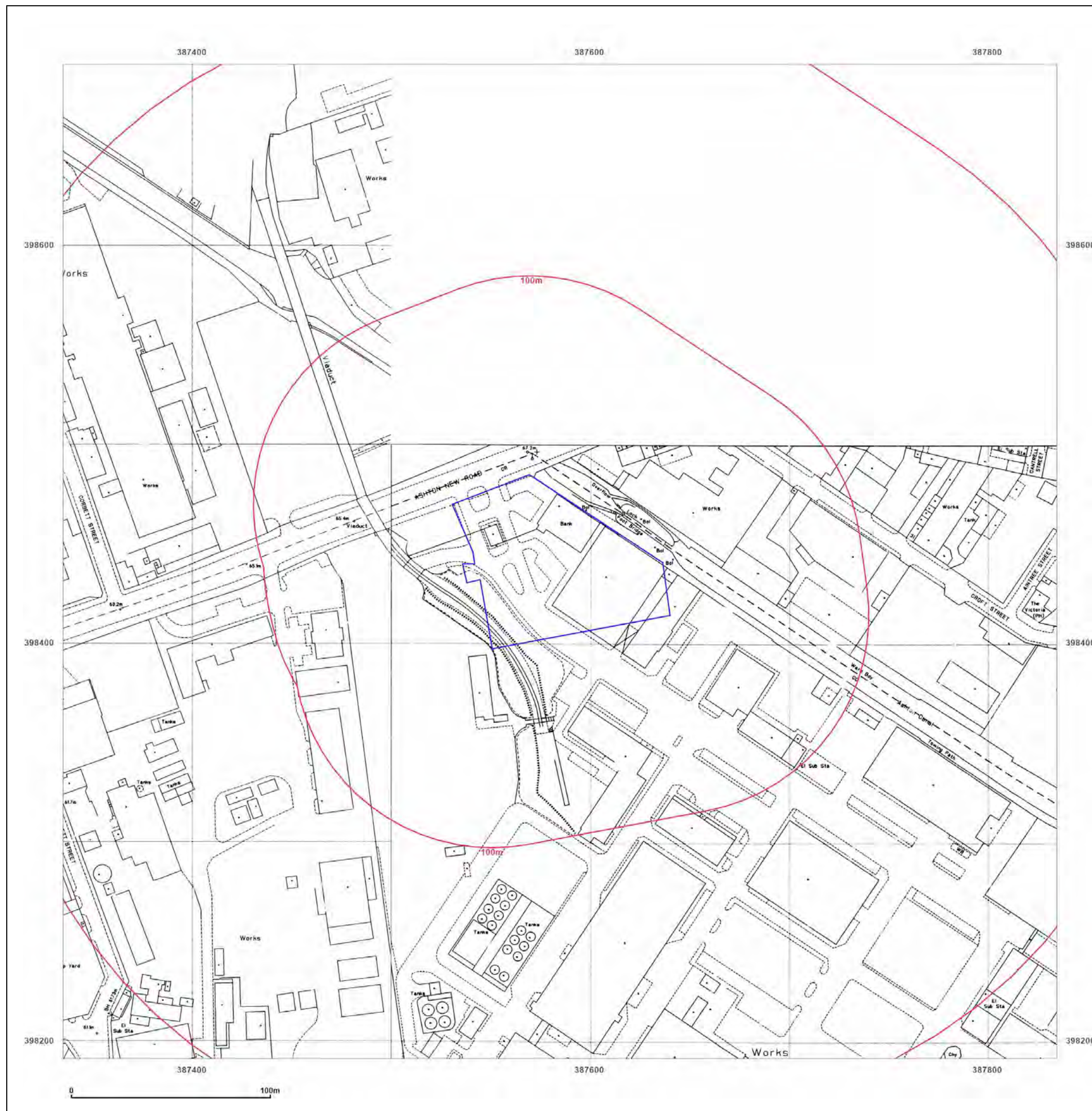


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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

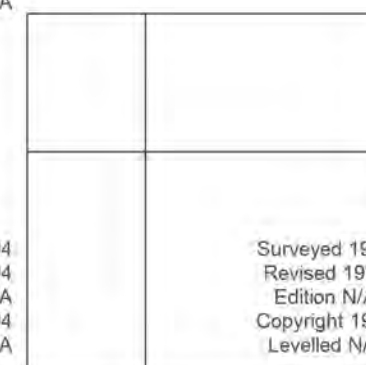
Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



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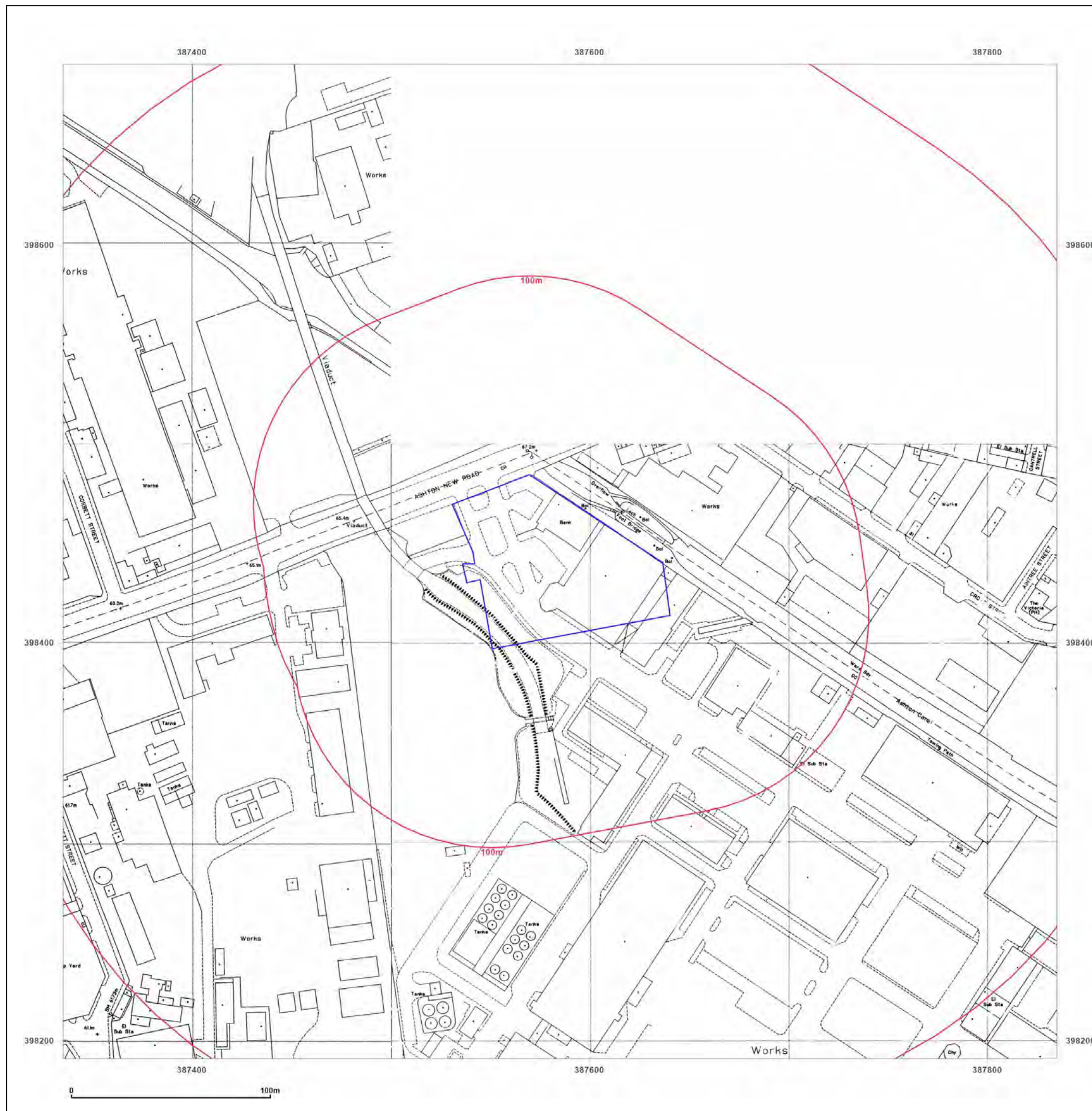


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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

Map date: 1994-1995

Scale: 1:1,250

Printed at: 1:2,000



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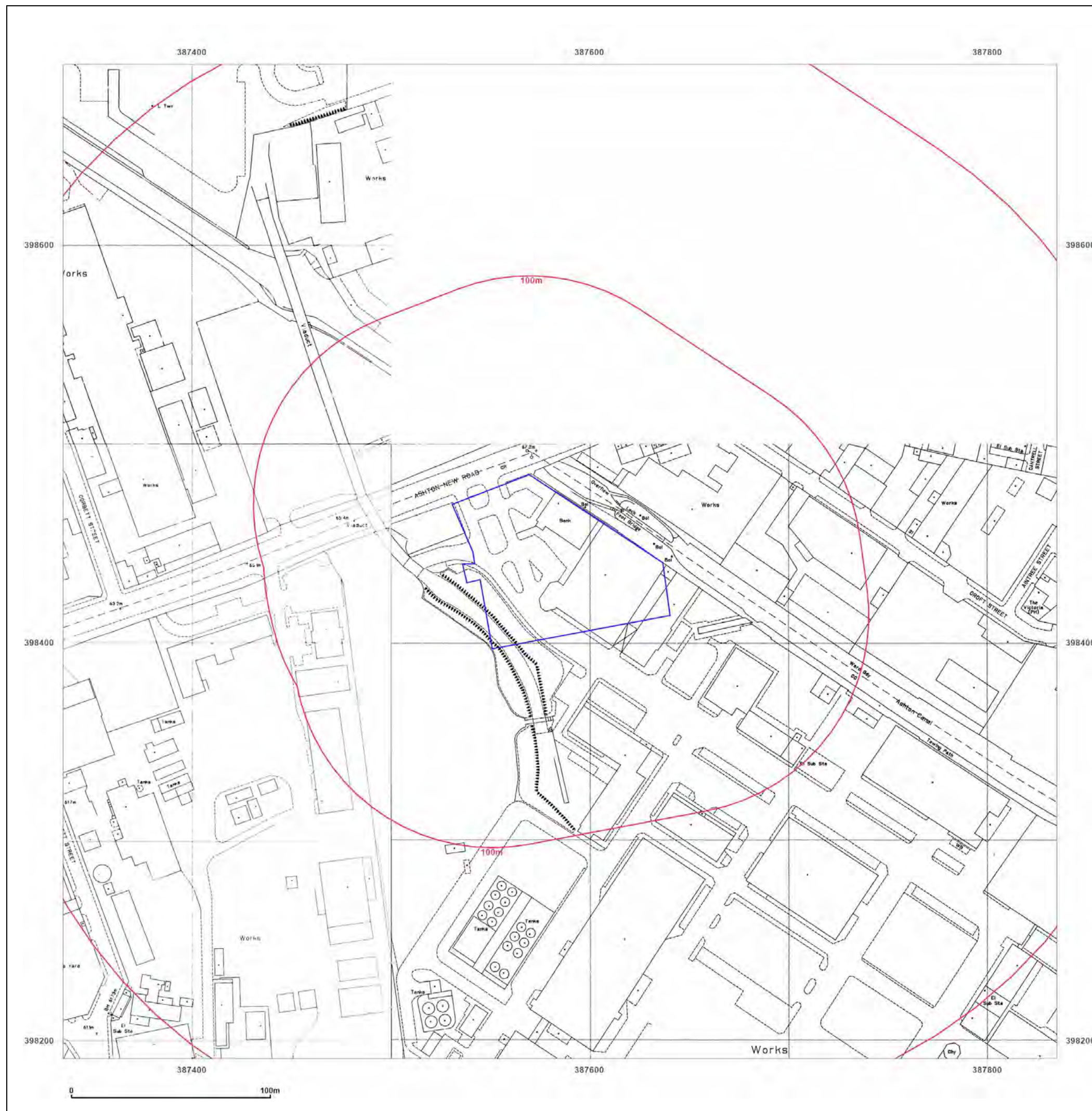


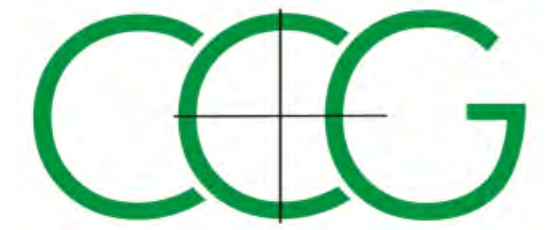
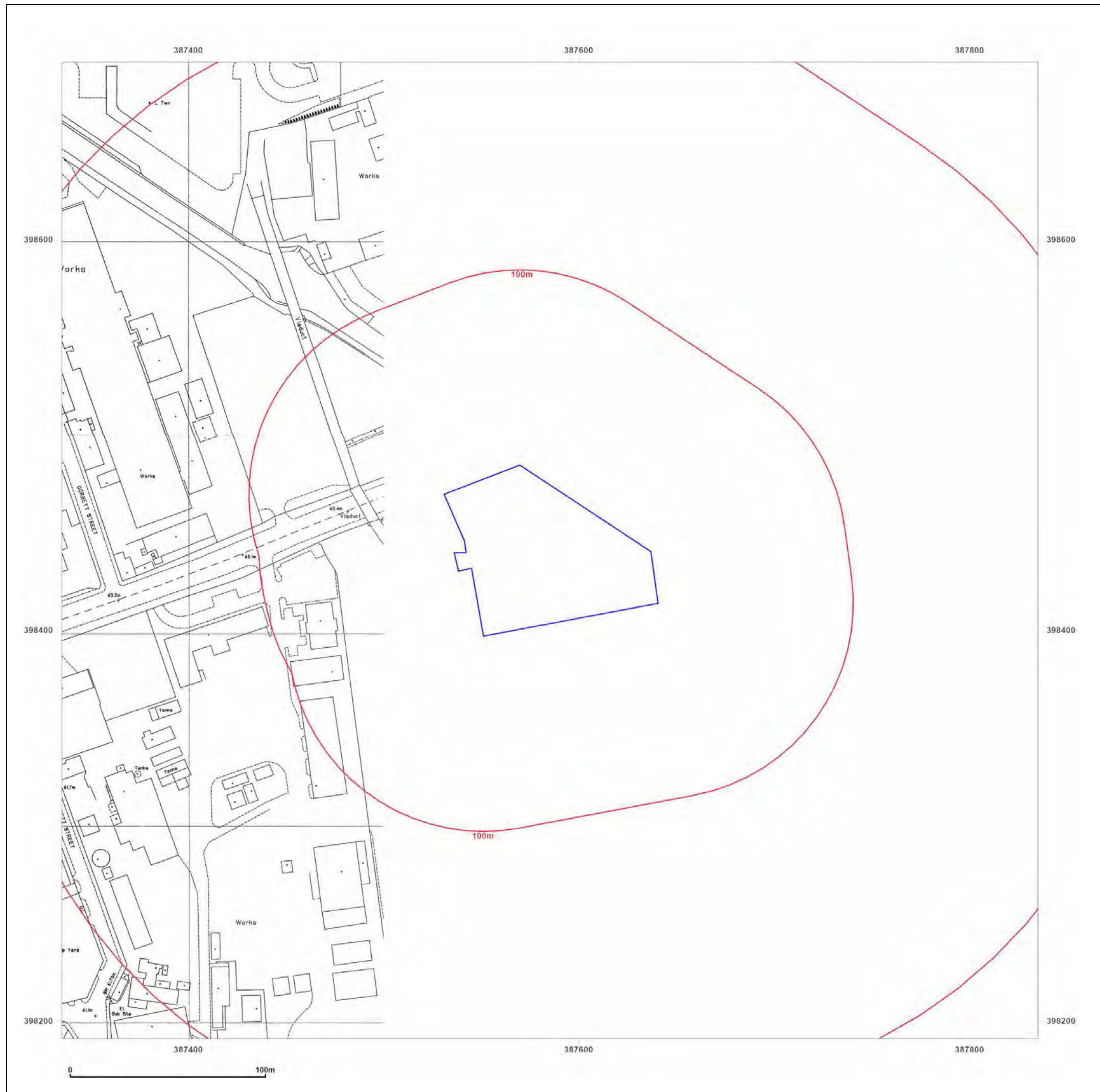
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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: National Grid

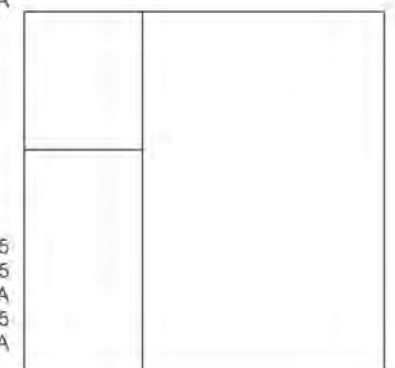
Map date: 1995

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Surveyed 1995
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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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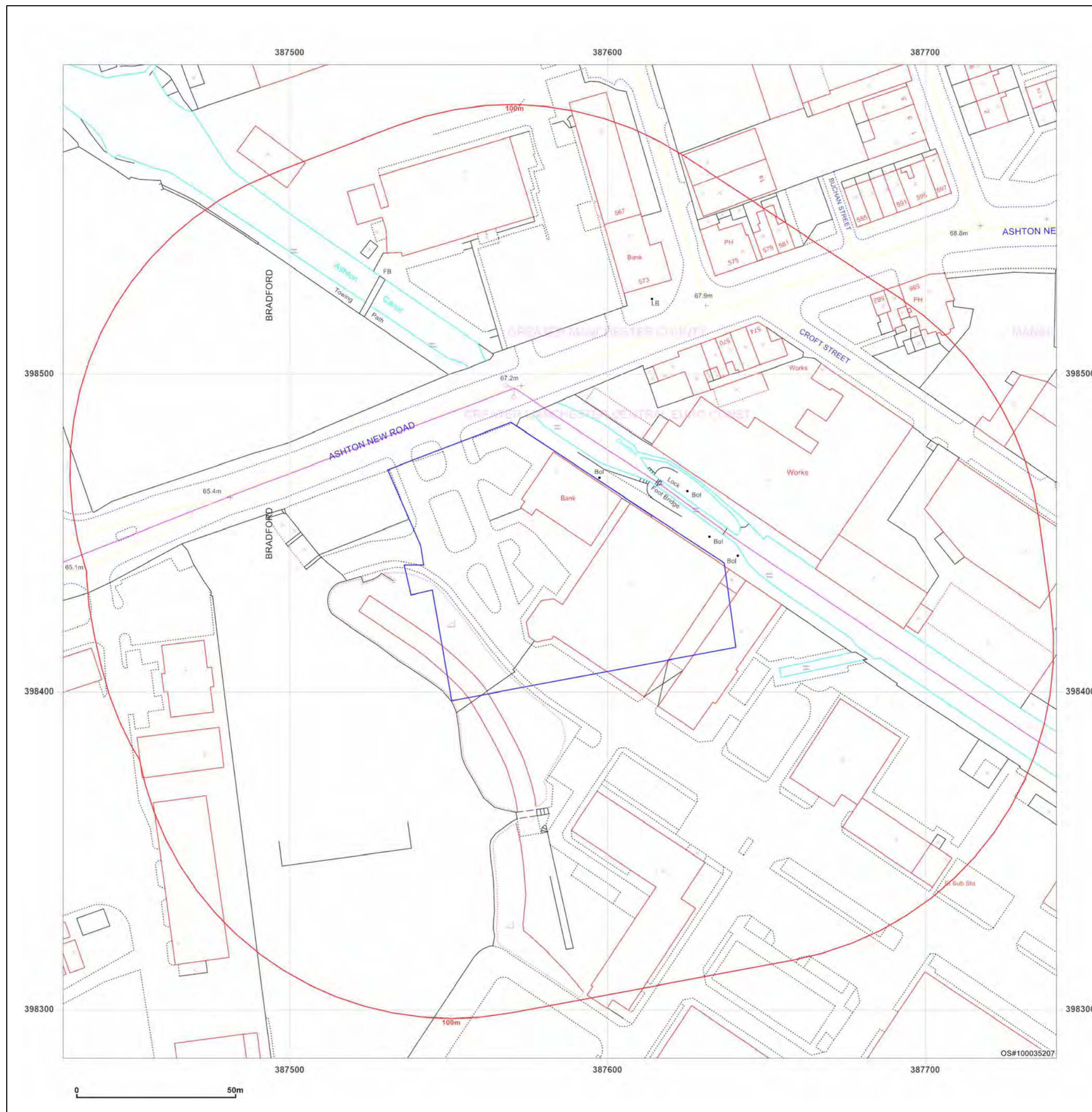


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Site Details:

M11 4AA, M11 4AA

Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1848

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1845
Revised N/A
Edition 1848
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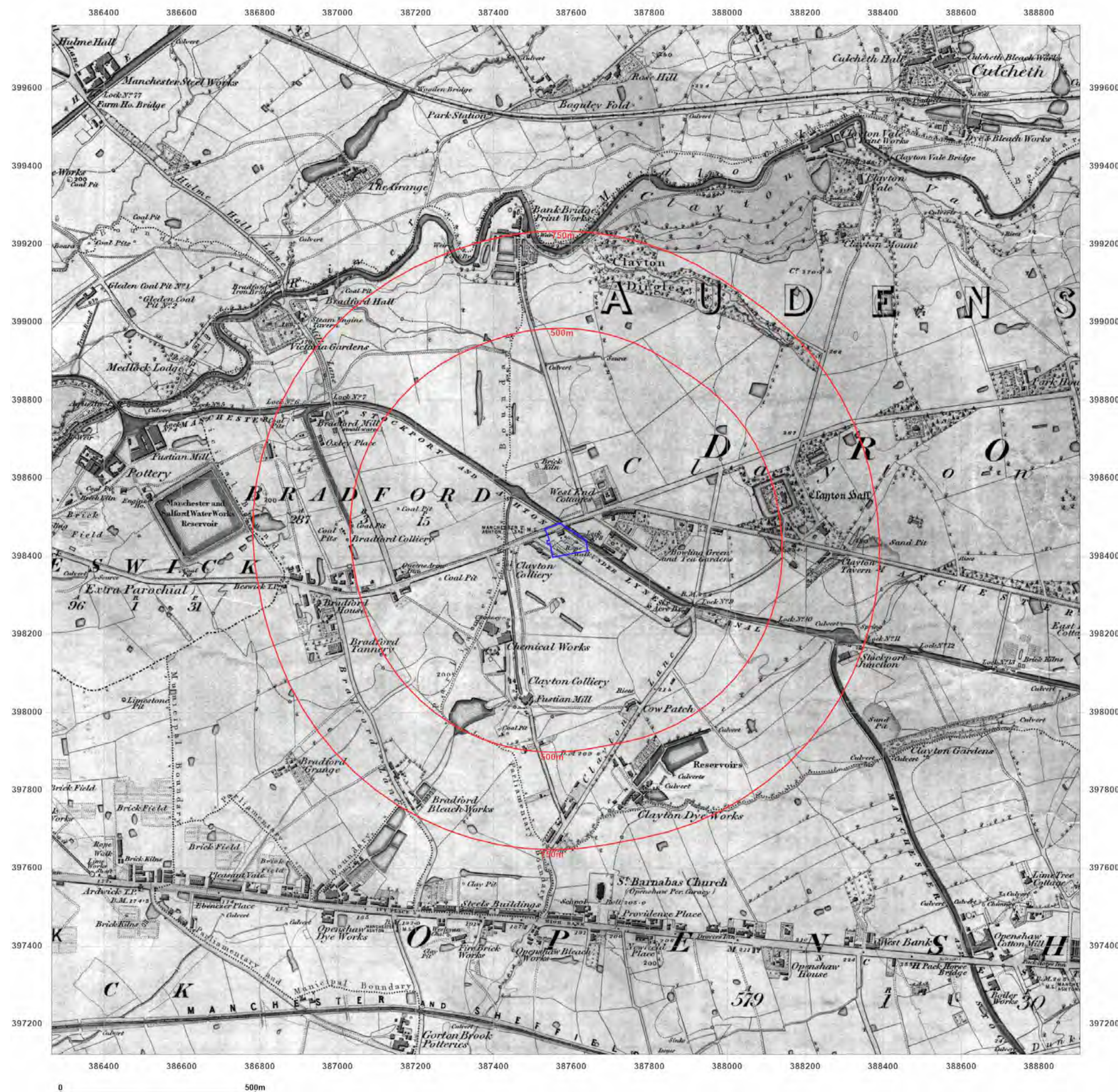


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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1890-1891

Scale: 1:10,560

Printed at: 1:10,560



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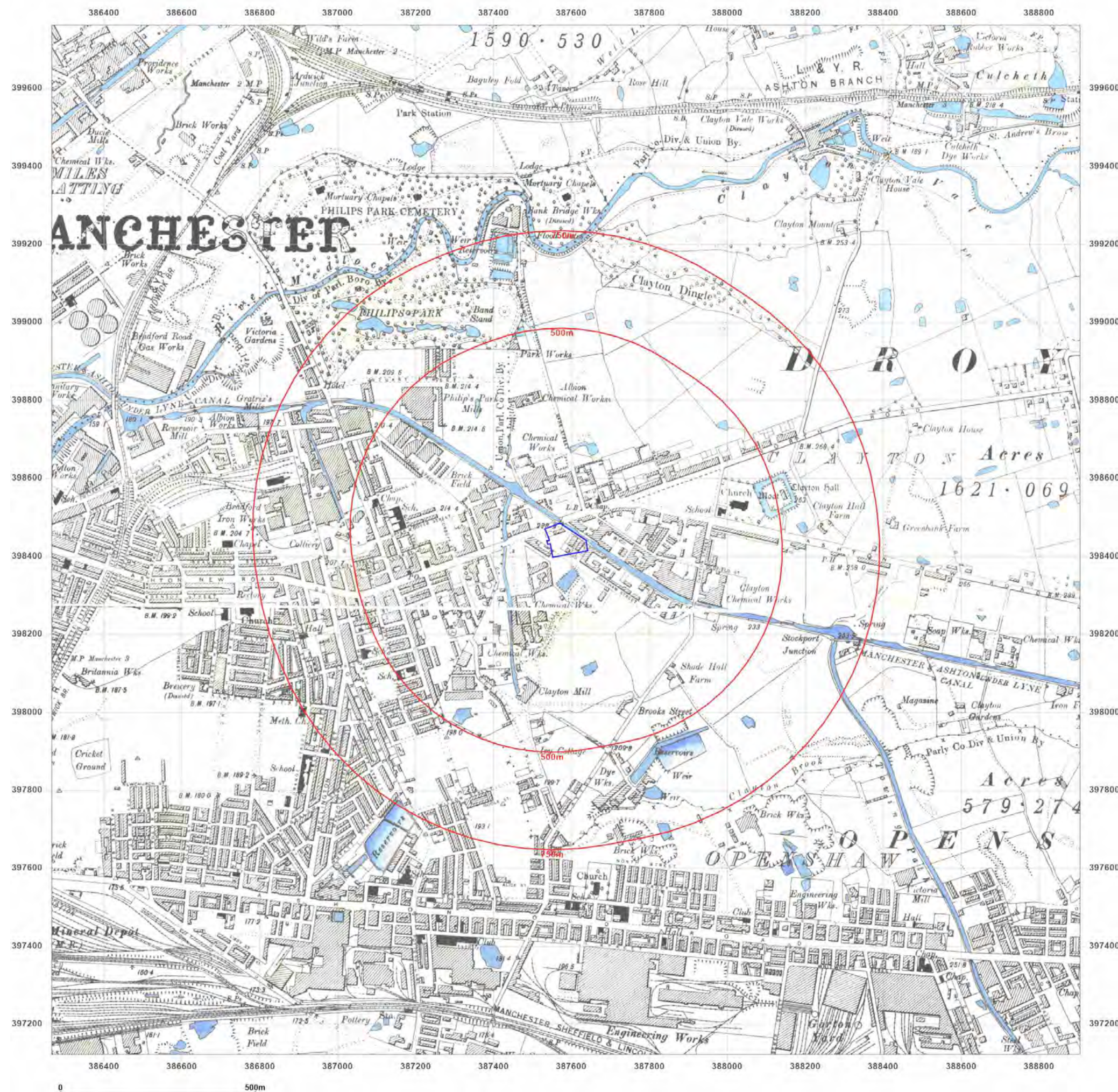


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Site Details:

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Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1905-1906

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1844
Revised 1905
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Site Details:

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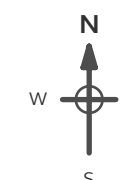
Client Ref: CMAPS-AAG-1106941-4165-010623
Report Ref: CMAPS-AAG-1106941-4165-010623HIS
Grid Ref: 387585, 398441

Map Name: County Series

Map date: 1923

Scale: 1:10,560

Printed at: 1:10,560



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Edition 1923
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