

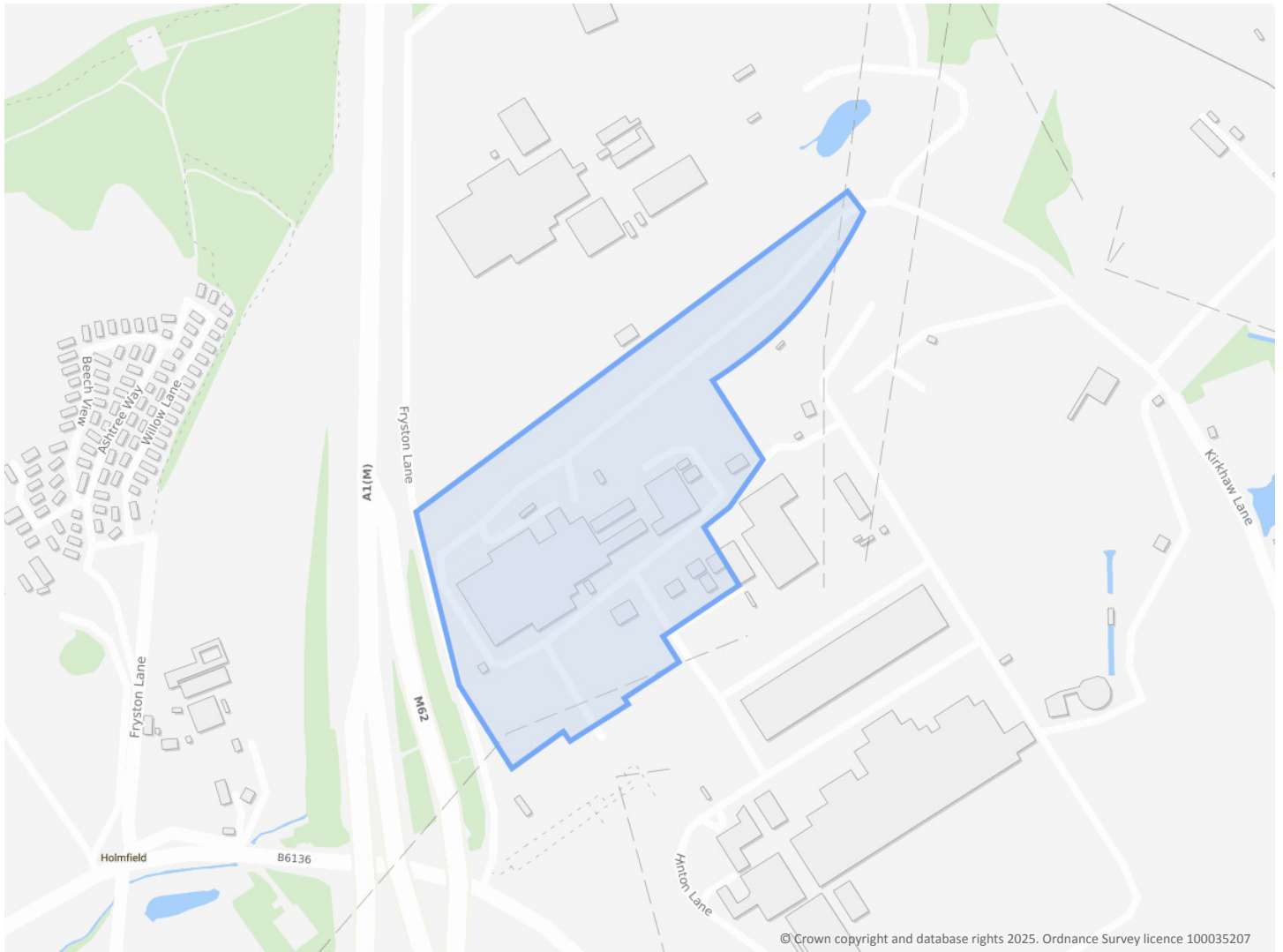


Order Details

Date: 21/10/2025
Your ref: CMAPS-CM-1246882-2894-211025
Our Ref: CMAPS-CM-1246882-2894-211025EDRGeo

Site Details

Location: 447208 424983
Area: 8.6 ha
Authority: [Wakefield Metropolitan District Council](#) ↗



[Summary of findings](#)

[p. 2 >](#) [Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#) [Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	5	1	6	31	-
17 >	1.2 >	Historical tanks >	2	1	4	21	-
19 >	1.3 >	Historical energy features >	4	0	17	15	-
20	1.4	Historical petrol stations	0	0	0	0	-
21	1.5	Historical garages	0	0	0	0	-
21	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	2.1 >	Historical industrial land uses >	5	1	7	39	-
24 >	2.2 >	Historical tanks >	2	1	4	34	-
26 >	2.3 >	Historical energy features >	7	1	25	26	-
29	2.4	Historical petrol stations	0	0	0	0	-
29	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30 >	3.2 >	Historical landfill (BGS records) >	1	0	0	0	-
31 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	1	-
31 >	3.4 >	Historical landfill (EA/NRW records) >	1	0	0	0	-
32 >	3.5 >	Historical waste sites >	0	0	2	4	-
33	3.6	Licensed waste sites	0	0	0	0	-
33 >	3.7 >	Waste exemptions >	0	0	12	4	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
35 >	4.1 >	Recent industrial land uses >	4	3	15	-	-
37 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	8	0	5	-	-
37	4.3	Current or recent petrol stations	0	0	0	0	-
38 >	4.4 >	Electricity cables >	0	0	8	4	-
39	4.5	Gas pipelines	0	0	0	0	-



39	4.6	Sites determined as Contaminated Land	0	0	0	0	-
39 >	4.7 >	Control of Major Accident Hazards (COMAH) >	2	0	0	0	-
40	4.8	Regulated explosive sites	0	0	0	0	-
40 >	4.9 >	Hazardous substance storage/usage >	0	0	1	0	-
40 >	4.10 >	Historical licensed industrial activities (IPC) >	0	0	0	20	-
44 >	4.11 >	Licensed industrial activities (Part A(1)) >	16	0	6	65	-
58 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	2	-
59	4.13	Radioactive Substance Authorisations	0	0	0	0	-
59 >	4.14 >	Licensed Discharges to controlled waters >	1	0	0	2	-
59	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
60	4.16	Pollutant release to public sewer	0	0	0	0	-
60	4.17	List 1 Dangerous Substances	0	0	0	0	-
60	4.18	List 2 Dangerous Substances	0	0	0	0	-
60 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	0	1	-
61 >	4.20 >	Pollution inventory substances >	15	0	17	0	-
71 >	4.21 >	Pollution inventory waste transfers >	2	0	1	0	-
77	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
80 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
82 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
84 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
84	5.5	Groundwater vulnerability- local information	None (within 0m)				
85 >	5.6 >	Groundwater abstractions >	16	0	7	6	11
96 >	5.7 >	Surface water abstractions >	0	0	0	0	23
102	5.8	Potable abstractions	0	0	0	0	0
102	5.9	Source Protection Zones	0	0	0	0	-
102	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m



103 >	6.1 >	Water Network (OS MasterMap) >	2	0	3	-	-
104 >	6.2 >	Surface water features >	0	1	1	-	-
104 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
105 >	6.4 >	WFD Surface water bodies >	1	0	0	-	-
105 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
106	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
106	7.2	Historical Flood Events	0	0	0	-	-
106	7.3	Flood Defences	0	0	0	-	-
107	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
107	7.5	Flood Storage Areas	0	0	0	-	-
108	7.6	Flood Zone 2	None (within 50m)				
108	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
109 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
111 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
112 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	1
113	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
113	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
113	10.4	Special Protection Areas (SPA)	0	0	0	0	0
113	10.5	National Nature Reserves (NNR)	0	0	0	0	0
114 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
114	10.7	Designated Ancient Woodland	0	0	0	0	0
114	10.8	Biosphere Reserves	0	0	0	0	0
114	10.9	Forest Parks	0	0	0	0	0
115	10.10	Marine Conservation Zones	0	0	0	0	0
115 >	10.11 >	Green Belt >	0	1	0	0	1



115	10.12	Proposed Ramsar sites	0	0	0	0	0
115	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
116	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
116	10.15	Nitrate Sensitive Areas	0	0	0	0	0
116 >	10.16 >	Nitrate Vulnerable Zones >	2	0	0	0	4
117	10.17	SSSI Impact Risk Zones	0	-	-	-	-
118 >	10.18 >	SSSI Units >	0	0	0	0	1
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
119	11.1	World Heritage Sites	0	0	0	-	-
119	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
119	11.3	National Parks	0	0	0	-	-
119	11.4	Listed Buildings	0	0	0	-	-
120	11.5	Conservation Areas	0	0	0	-	-
120	11.6	Scheduled Ancient Monuments	0	0	0	-	-
120	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	12.1 >	Agricultural Land Classification >	Grade 3b (within 250m)				
122	12.2	Open Access Land	0	0	0	-	-
122 >	12.3 >	Tree Felling Licences >	0	5	8	-	-
123	12.4	Environmental Stewardship Schemes	0	0	0	-	-
123	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
124 >	13.1 >	Priority Habitat Inventory >	0	0	7	-	-
125 >	13.2 >	Habitat Networks >	0	1	1	-	-
125	13.3	Open Mosaic Habitat	0	0	0	-	-
125	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
127 >	14.1 >	10k Availability >	Identified (within 500m)				
128 >	14.2 >	Artificial and made ground (10k) >	2	0	2	2	-



130 >	14.3 >	Superficial geology (10k) >	4	0	0	1	-
131	14.4	Landslip (10k)	0	0	0	0	-
132 >	14.5 >	Bedrock geology (10k) >	2	0	2	1	-
133 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	5	3	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
134 >	15.1 >	50k Availability >	Identified (within 500m)				
135 >	15.2 >	Artificial and made ground (50k) >	1	0	1	0	-
136 >	15.3 >	Artificial ground permeability (50k) >	2	0	-	-	-
137 >	15.4 >	Superficial geology (50k) >	3	0	0	0	-
138 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
138	15.6	Landslip (50k)	0	0	0	0	-
138	15.7	Landslip permeability (50k)	None (within 50m)				
139 >	15.8 >	Bedrock geology (50k) >	1	0	1	1	-
140 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
140 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	1	2	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
141 >	16.1 >	BGS Boreholes >	39	23	66	-	-
Page	Section	Natural ground subsidence >					
148 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
149 >	17.2 >	Running sands >	Low (within 50m)				
151 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
153 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
154 >	17.5 >	Landslides >	Very low (within 50m)				
155 >	17.6 >	Ground dissolution of soluble rocks >	Very low (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
157 >	18.1 >	BritPits >	0	0	1	0	-
158 >	18.2 >	Surface ground workings >	0	0	8	-	-
158 >	18.3 >	Underground workings >	0	0	0	0	5
159	18.4	Underground mining extents	0	0	0	0	-



159 >	18.5 >	Historical Mineral Planning Areas >	1	0	1	0	-
160 >	18.6 >	Non-coal mining >	0	0	0	2	1
160	18.7	JPB mining areas	None (within 0m)				
160	18.8	The Coal Authority non-coal mining	0	0	0	0	-
161	18.9	Researched mining	0	0	0	0	-
161	18.10	Mining record office plans	0	0	0	0	-
161 >	18.11 >	BGS mine plans >	4	0	0	1	-
162 >	18.12 >	Coal mining >	Identified (within 0m)				
162	18.13	Brine areas	None (within 0m)				
162	18.14	Gypsum areas	None (within 0m)				
162	18.15	Tin mining	None (within 0m)				
162	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
163	19.1	Natural cavities	0	0	0	0	-
164 >	19.2 >	Mining cavities >	0	0	0	0	1
164	19.3	Reported recent incidents	0	0	0	0	-
164	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
165 >	20.1 >	Radon >	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
167 >	21.1 >	BGS Estimated Background Soil Chemistry >	9	3	-	-	-
168	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
168	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
169	22.1	Underground railways (London)	0	0	0	-	-
169	22.2	Underground railways (Non-London)	0	0	0	-	-
170	22.3	Railway tunnels	0	0	0	-	-
170 >	22.4 >	Historical railway and tunnel features >	6	0	0	-	-
170	22.5	Royal Mail tunnels	0	0	0	-	-

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171	22.6	Historical railways	0	0	0	-	-
171 >	22.7 >	Railways >	6	0	0	-	-
171	22.8	Crossrail 2	0	0	0	0	-
171	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 12/04/2021

Site Area: 8.6ha



Recent site history - 2020 aerial photograph



Capture Date: 24/06/2020

Site Area: 8.6ha



Recent site history - 2017 aerial photograph

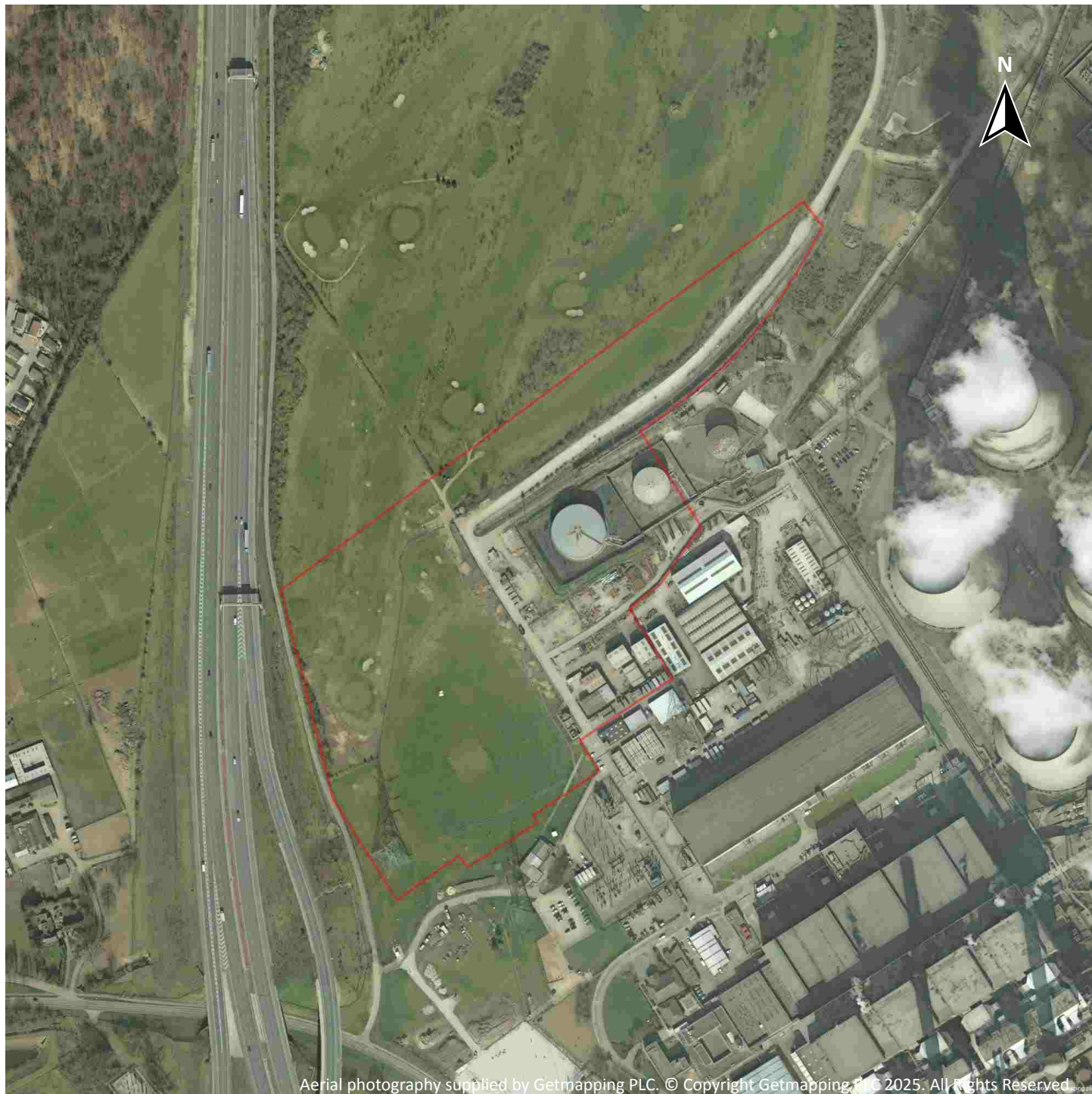


Capture Date: 19/09/2017

Site Area: 8.6ha



Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 8.6ha



Recent site history - 1999 aerial photograph



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Capture Date: 10/07/1999

Site Area: 8.6ha



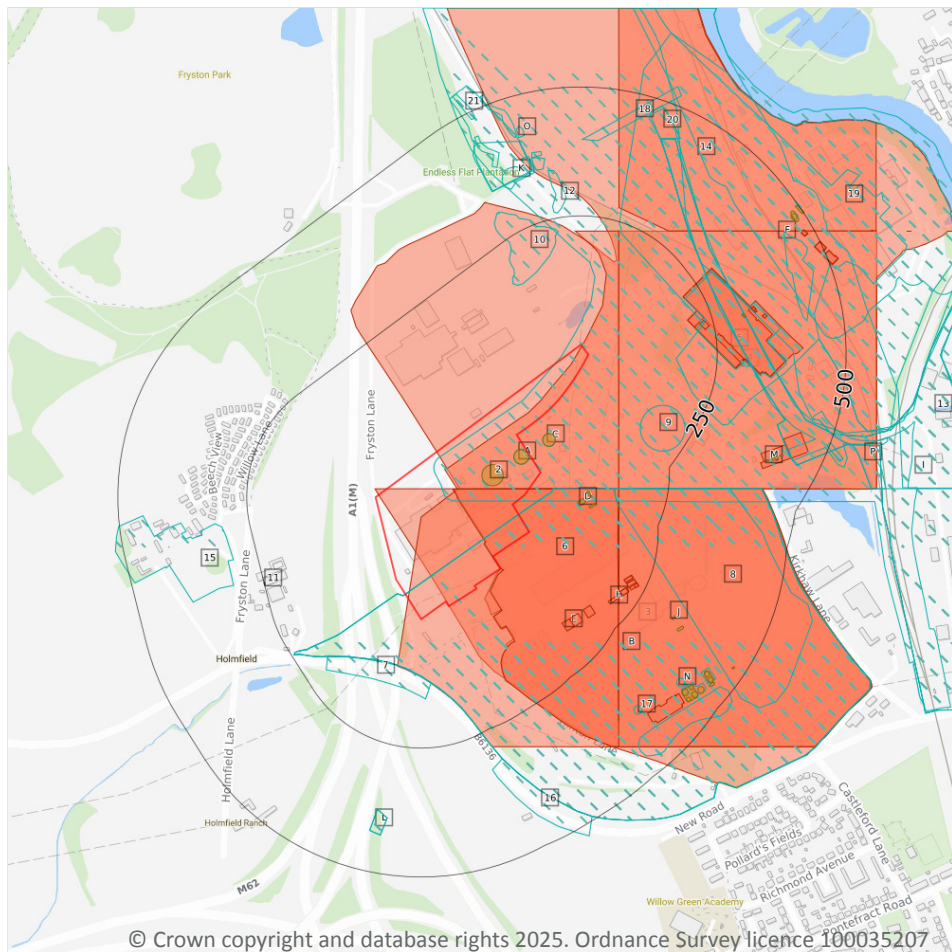
OS MasterMap site plan



Site Area: 8.6ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

43

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

Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
1	On site	Railway Sidings	1982	1565917



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Tank	1982	1473503
B	On site	Power Station	1982	1481523
B	On site	Power Station	1975	1481524
B	On site	Power Station	1968	1481606
C	33m SE	Unspecified Tank	1982	1473502
7	100m S	Cuttings	1965	1433607
8	146m E	Unspecified Tanks	1968	1443359
9	153m SE	Unspecified Tank	1967	1473500
10	162m NW	Sand and Gravel Pits	1950 - 1953	1572605
F	171m E	Unspecified Works	1967	1555863
G	214m E	Power Station	1982	1432752
12	259m N	Refuse Heap	1967	1435179
13	269m E	Railway Sidings	1953	1550304
I	272m NE	Railway Sidings	1950	1481395
I	272m NE	Railway Sidings	1953	1481396
I	272m NE	Railway Sidings	1956	1481397
F	281m NE	Railway Sidings	1967	1542066
15	297m W	Nursery	1975 - 1982	1539368
16	313m SE	Cuttings	1968 - 1982	1564259
K	331m NW	Unspecified Heap	1967	1468116
K	343m NW	Sand and Gravel Pit	1950 - 1953	1535592
K	343m NW	Sand and Gravel Pits	1950	1445231
K	348m N	Unspecified Heap	1967	1468117
17	374m SE	Chimney	1968 - 1982	1493255
K	375m N	Unspecified Ground Workings	1967	1440530
L	378m S	Cuttings	1905	1509509
L	378m S	Cuttings	1950	1576929
K	380m NW	Unspecified Ground Workings	1967	1440528



ID	Location	Land use	Dates present	Group ID
18	397m N	Railway Sidings	1950	1481205
19	399m NE	Unspecified Commercial/Industrial	1982	1431924
N	405m SE	Chimney	1975 - 1982	1544337
F	419m E	Refuse Heap	1967	1435180
O	419m N	Unspecified Heap	1967	1468115
N	421m SE	Unspecified Tanks	1975 - 1982	1578504
O	422m N	Unspecified Ground Workings	1967	1440527
N	425m SE	Unspecified Heap	1975 - 1982	1540594
20	429m N	Railway Sidings	1950	1557779
N	431m SE	Unspecified Tanks	1975 - 1982	1571463
P	452m E	Refuse Heap	1967	1493617
F	476m NE	Unspecified Tank	1982	1472248
21	485m NW	Unspecified Heap	1967	1468114
P	496m E	Railway Station	1953	1443232

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

28

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
2	On site	Unspecified Tank	1985	241115
A	On site	Unspecified Tank	1985	241116
C	32m SE	Unspecified Tank	1985	241117
D	92m SE	Tanks	1994	235096



ID	Location	Land use	Dates present	Group ID
D	98m SE	Tanks	1994	235095
D	115m SE	Tanks	1994	235243
11	249m W	Unspecified Tank	1959	241120
G	308m E	Tanks	1972	256291
G	308m E	Tanks	1973 - 1994	261742
J	323m SE	Tanks	1968	235240
J	343m SE	Tanks	1968 - 1973	245672
M	400m SE	Tanks	1933	235091
M	409m SE	Tanks	1933	235090
M	420m SE	Tanks	1933	235092
N	424m SE	Tanks	1968	248086
N	425m SE	Tanks	1973 - 1994	260345
N	431m SE	Tanks	1973 - 1994	256967
N	435m SE	Tanks	1968	255819
N	436m SE	Tanks	1973 - 1994	257752
N	440m SE	Tanks	1973 - 1994	251119
N	443m SE	Tanks	1973 - 1994	251231
N	446m SE	Tanks	1973 - 1994	250542
N	449m SE	Tanks	1973 - 1994	249654
N	458m SE	Tanks	1994	235093
N	473m SE	Unspecified Tank	1994	240736
F	475m NE	Unspecified Tank	1985	257528
F	478m NE	Tanks	1972 - 1973	257053
F	493m NE	Tanks	1972 - 1985	246580

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m	36
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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 15 >](#)

ID	Location	Land use	Dates present	Group ID
3	On site	Power Station	1968	154529
4	On site	Power Station	1994	154688
5	On site	Power Station	1970 - 1973	156668
6	On site	Power Station	1982 - 1985	160595
E	159m SE	Electricity Transformers	1973	145051
E	165m SE	Electricity Transformer	1973	155325
E	179m SE	Electricity Transformers	1973	145048
G	204m E	Electricity Substations	1994	144835
G	204m E	Electricity Switching Station	1994	150523
H	204m SE	Electricity Transformers	1973	145050
H	206m SE	Electricity Substation	1994	143910
H	206m SE	Electricity Transformer	1973	145116
H	211m SE	Electricity Substation	1994	143912
H	211m SE	Electricity Transformer	1973	145117
G	213m E	Electricity Switching Station	1972	154170
H	214m SE	Electricity Substation	1994	143911
H	214m SE	Electricity Transformer	1973	152969
H	222m SE	Electricity Substation	1994	143913
G	224m E	Electricity Transformer	1972 - 1973	149213
H	227m SE	Electricity Transformer	1973	147052
G	249m E	Electricity Transformers	1972 - 1973	159500

ID	Location	Land use	Dates present	Group ID
14	272m NE	Power Station	1985	146385
G	329m E	Electricity Substation	1973 - 1994	158140
G	329m E	Electricity Substation	1972	149820
G	346m E	Electricity Substation	1972 - 1994	154426
M	386m SE	Electricity Substation	1972 - 1973	146578
N	400m SE	Gas Turbine House	1973 - 1994	148527
M	413m SE	Electricity Substation	1972 - 1994	154085
M	414m SE	Electricity Substation	1994	150644
F	476m NE	Electricity Substation	1994	142153
F	476m NE	Electricity Transformer	1973	153096
F	476m NE	Electricity Transformer	1972	146590
F	486m NE	Electricity Substations	1994	144832
F	487m NE	Electricity Transformers	1972 - 1973	145420
F	495m NE	Electricity Substations	1994	144833
F	495m NE	Electricity Transformers	1972 - 1973	161573

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

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

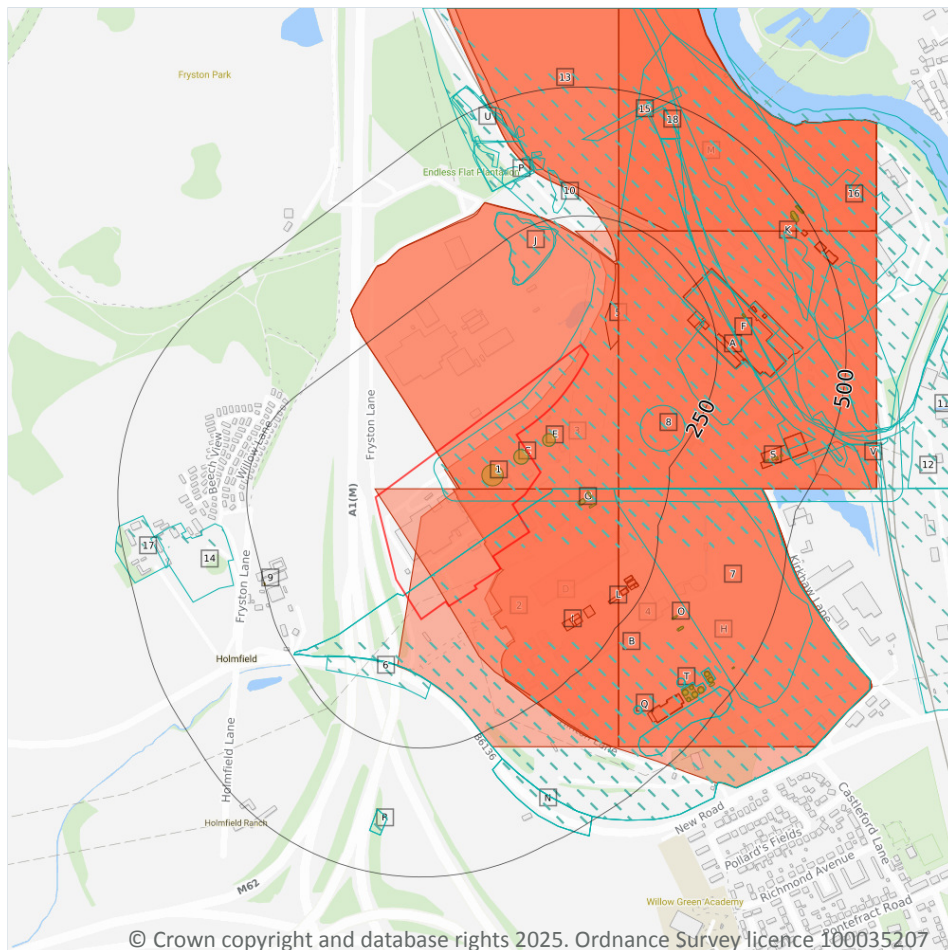
0

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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

52

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

Features are displayed on the Past land use - un-grouped map on [page 22](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1982	1565917
B	On site	Power Station	1982	1481523
B	On site	Power Station	1975	1481524



ID	Location	Land Use	Date	Group ID
B	On site	Power Station	1968	1481606
C	On site	Unspecified Tank	1982	1473503
E	33m SE	Unspecified Tank	1982	1473502
6	100m S	Cuttings	1965	1433607
7	146m E	Unspecified Tanks	1968	1443359
8	153m SE	Unspecified Tank	1967	1473500
J	162m NW	Sand and Gravel Pits	1953	1572605
J	164m NW	Sand and Gravel Pits	1950	1572605
K	171m E	Unspecified Works	1967	1555863
F	214m E	Power Station	1982	1432752
10	259m N	Refuse Heap	1967	1435179
11	269m E	Railway Sidings	1953	1550304
12	272m NE	Railway Sidings	1950	1481395
K	281m NE	Railway Sidings	1967	1542066
14	297m W	Nursery	1975	1539368
N	313m SE	Cuttings	1982	1564259
N	313m SE	Cuttings	1975	1564259
N	313m SE	Cuttings	1968	1564259
P	331m NW	Unspecified Heap	1967	1468116
P	343m NW	Sand and Gravel Pit	1953	1535592
P	343m NW	Sand and Gravel Pits	1950	1445231
P	348m N	Unspecified Heap	1967	1468117
Q	374m SE	Chimney	1982	1493255
Q	374m SE	Chimney	1975	1493255
Q	374m SE	Chimney	1968	1493255
P	375m N	Unspecified Ground Workings	1967	1440530
R	378m S	Cuttings	1950	1576929
R	378m S	Cuttings	1905	1509509



ID	Location	Land Use	Date	Group ID
P	380m NW	Unspecified Ground Workings	1967	1440528
15	397m N	Railway Sidings	1950	1481205
16	399m NE	Unspecified Commercial/Industrial	1982	1431924
T	405m SE	Chimney	1982	1544337
T	405m SE	Chimney	1975	1544337
U	412m N	Sand and Gravel Pit	1950	1535592
17	418m W	Nursery	1982	1539368
K	419m E	Refuse Heap	1967	1435180
U	419m N	Unspecified Heap	1967	1468115
T	421m SE	Unspecified Tanks	1982	1578504
T	421m SE	Unspecified Tanks	1975	1578504
U	422m N	Unspecified Ground Workings	1967	1440527
T	425m SE	Unspecified Heap	1982	1540594
T	425m SE	Unspecified Heap	1975	1540594
18	429m N	Railway Sidings	1950	1557779
T	431m SE	Unspecified Tanks	1982	1571463
T	431m SE	Unspecified Tanks	1975	1571463
V	452m E	Refuse Heap	1967	1493617
K	476m NE	Unspecified Tank	1982	1472248
U	485m NW	Unspecified Heap	1967	1468114
V	496m E	Railway Station	1953	1443232

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

41

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 22 >](#)



ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Tank	1985	241115
C	On site	Unspecified Tank	1985	241116
E	32m SE	Unspecified Tank	1985	241117
G	92m SE	Tanks	1994	235096
G	98m SE	Tanks	1994	235095
G	115m SE	Tanks	1994	235243
9	249m W	Unspecified Tank	1959	241120
F	308m E	Tanks	1972	256291
F	308m E	Tanks	1994	261742
F	308m E	Tanks	1973	261742
O	323m SE	Tanks	1968	235240
O	343m SE	Tanks	1973	245672
O	345m SE	Tanks	1968	245672
S	400m SE	Tanks	1933	235091
S	409m SE	Tanks	1933	235090
S	420m SE	Tanks	1933	235092
T	424m SE	Tanks	1968	248086
T	425m SE	Tanks	1994	260345
T	426m SE	Tanks	1973	260345
T	431m SE	Tanks	1994	256967
T	432m SE	Tanks	1973	256967
T	435m SE	Tanks	1968	255819
T	436m SE	Tanks	1994	257752
T	437m SE	Tanks	1973	257752
T	440m SE	Tanks	1994	251119
T	441m SE	Tanks	1973	251119
T	443m SE	Tanks	1994	251231
T	444m SE	Tanks	1973	251231



ID	Location	Land Use	Date	Group ID
T	446m SE	Tanks	1994	250542
T	447m SE	Tanks	1973	250542
T	449m SE	Tanks	1994	249654
T	450m SE	Tanks	1973	249654
T	458m SE	Tanks	1994	235093
T	473m SE	Unspecified Tank	1994	240736
K	475m NE	Unspecified Tank	1985	257528
K	475m NE	Unspecified Tank	1985	257528
K	478m NE	Tanks	1973	257053
K	478m NE	Tanks	1972	257053
K	493m NE	Tanks	1985	246580
K	494m NE	Tanks	1972	246580
K	494m NE	Tanks	1973	246580

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

59

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 22 >](#)

ID	Location	Land Use	Date	Group ID
2	On site	Power Station	1973	156668
3	On site	Power Station	1985	160595
4	On site	Power Station	1968	154529
A	On site	Power Station	1970	156668
A	On site	Power Station	1973	156668
D	On site	Power Station	1994	154688
D	On site	Power Station	1982	160595



ID	Location	Land Use	Date	Group ID
5	44m E	Power Station	1972	156668
F	59m E	Power Station	1972	156668
F	59m E	Power Station	1994	154688
H	155m E	Power Station	1973	156668
H	155m E	Power Station	1994	154688
I	159m SE	Electricity Transformers	1973	145051
I	165m SE	Electricity Transformer	1973	155325
I	175m SE	Electricity Transformer	1973	155325
I	179m SE	Electricity Transformers	1973	145048
F	204m E	Electricity Substations	1994	144835
F	204m E	Electricity Switching Station	1994	150523
L	204m SE	Electricity Transformers	1973	145050
L	206m SE	Electricity Substation	1994	143910
L	206m SE	Electricity Transformer	1973	145116
L	211m SE	Electricity Substation	1994	143912
L	211m SE	Electricity Transformer	1973	145117
F	213m E	Electricity Switching Station	1972	154170
L	214m SE	Electricity Substation	1994	143911
L	214m SE	Electricity Transformer	1973	152969
L	222m SE	Electricity Substation	1994	143913
F	224m E	Electricity Transformer	1972	149213
F	225m E	Electricity Transformer	1973	149213
L	227m SE	Electricity Transformer	1973	147052
M	233m N	Power Station	1972	156668
F	249m E	Electricity Transformers	1972	159500
F	249m E	Electricity Transformers	1973	159500
M	272m NE	Power Station	1985	146385
M	272m NE	Power Station	1985	146385



ID	Location	Land Use	Date	Group ID
13	277m N	Power Station	1972	156668
F	329m E	Electricity Substation	1994	158140
F	329m E	Electricity Substation	1973	158140
F	329m E	Electricity Substation	1972	149820
F	346m E	Electricity Substation	1994	154426
F	346m E	Electricity Substation	1972	154426
F	346m E	Electricity Substation	1973	154426
S	386m SE	Electricity Substation	1972	146578
S	386m SE	Electricity Substation	1973	146578
T	400m SE	Gas Turbine House	1973	148527
T	400m SE	Gas Turbine House	1994	148527
S	413m SE	Electricity Substation	1972	154085
S	413m SE	Electricity Substation	1994	154085
S	413m SE	Electricity Substation	1973	154085
S	414m SE	Electricity Substation	1994	150644
K	476m NE	Electricity Substation	1994	142153
K	476m NE	Electricity Transformer	1973	153096
K	476m NE	Electricity Transformer	1972	146590
K	486m NE	Electricity Substations	1994	144832
K	487m NE	Electricity Transformers	1973	145420
K	487m NE	Electricity Transformers	1972	145420
K	495m NE	Electricity Substations	1994	144833
K	495m NE	Electricity Transformers	1973	161573
K	496m NE	Electricity Transformers	1972	161573

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

0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical landfill (BGS)
- Historical landfill (LA/OS)
- Historical 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

1

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.

Features are displayed on the Waste and landfill map on [page 30 >](#)



ID	Location	Address	BGS Number	Risk	Waste Type
A	On site	Ferrybridge 'C' Power Stn, Ferrybridge, Yorks	2800	No risk to aquifer	

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	1
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Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 30 >](#)

ID	Location	Site address	Source	Data type
3	406m NW	Refuse Tip	1971 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	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 30 >](#)

ID	Location	Details		
A	On site	Site Address: Ferrybridge C Power Station, Ferrybridge, Yorkshire Licence Holder Address: Beckwith Knowle, Otley Road, Harrogate	Waste Licence: Yes Site Reference: 4700/0243 Waste Type: Inert, Industrial, Commercial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 31/07/1980 Licence Surrender: 18/11/1991	Operator: Central Electricity Generating Board Licence Holder: Central Electricity Generating Board First Recorded 31/12/1964 Last Recorded: -

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



3.5 Historical waste sites

Records within 500m	6
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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 30 >](#)

ID	Location	Address	Further Details	Date
1	201m E	Site Address: Power station site, Knottingley, West Yorkshire, WF11	Type of Site: Recycling Facility Planning application reference: NY/2018/0080/SCC Description: Scheme comprises development, construction and operation of an Incinerator Bottom Ash (IBA) recycling facility including the construction of a processing building, formation of an attenuation lagoon, storage areas and associated development. The associated works include sewer systems, landscaping, infrastructure, enabling and access roads. Data source: Historic Planning Application Data Type: Point	-
2	243m NW	Site Address: Ferrybridge Iba Facility, Kirkhaw Lane, Knottingley, West Yorkshire, WF11 8DX	Type of Site: Recycling Facility Planning application reference: 18/00347/FUL Description: Scheme comprises development, construction and operation of an incinerator bottom ash (iba) recycling facility including the construction of a processing building, formation of an attenuation lagoon, storage areas and associated development. The associated works include sewer systems, landscaping, cable laying, infrastructure, enabling works and access roads. Data source: Historic Planning Application Data Type: Point	-
C	463m E	Site Address: N/A	Type of Site: Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1973
C	465m E	Site Address: Waggies Scrapyard, Kirkhaw Lane, KNOTTINGLEY, West Yorkshire, WF11 8RD	Type of Site: Waste Recycling Centre (Conversion) Planning application reference: 05/99/58578/A Description: Scheme comprises of conversion to waste recycling centre from vehicle dismantlers. An application (ref: 05/99/58578/A) for Detailed Planning permission was submitted to Wakefield C.C. on 7th March 2005. Data source: Historic Planning Application Data Type: Point	-

ID	Location	Address	Further Details	Date
C	472m E	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
C	499m E	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

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

3.6 Licensed waste sites

Records within 500m	0
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

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

3.7 Waste exemptions

Records within 500m	16
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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 30 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
B	233m W	-	WEX441847	Storing waste exemption	On a farm	Storage of waste in a secure place
B	233m W	-	WEX441847	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	233m W	-	WEX441847	Using waste exemption	On a farm	Use of waste for a specified purpose
B	233m W	-	WEX441847	Disposing of waste exemption	On a farm	Burning waste in the open
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX172193	Using waste exemption	On a farm	Use of waste for a specified purpose

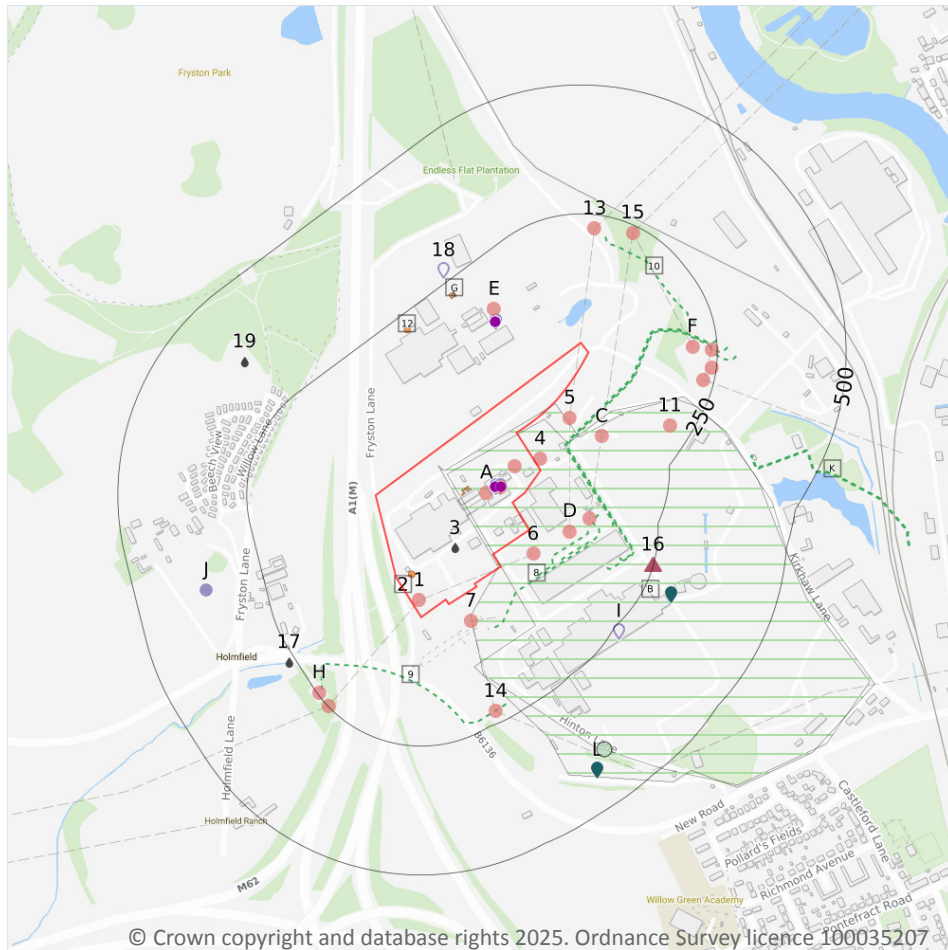


ID	Location	Site	Reference	Category	Sub-Category	Description
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX172193	Storing waste exemption	On a farm	Storage of waste in a secure place
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX172193	Disposing of waste exemption	On a farm	Burning waste in the open
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX172193	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX306093	Storing waste exemption	On a farm	Storage of waste in a secure place
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX306093	Using waste exemption	On a farm	Use of waste for a specified purpose
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX306093	Disposing of waste exemption	On a farm	Burning waste in the open
B	234m W	Holmfield Farm, Fryston Lane, Knottingley, Wf11 8sf	WEX306093	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	468m SW	Holmfield Ranch Holmfield Lane Knottingley West Yorkshire Wf11 8sd	EPR/DE5055YL /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
D	468m SW	Holmfield Ranch Holmfield Lane Knottingley West Yorkshire Wf11 8sd	EPR/DE5055YL /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
D	468m SW	Holmfield Ranch Holmfield Lane Knottingley West Yorkshire Wf11 8sd	EPR/DE5055YL /A001	Storing waste exemption	Agricultural waste only	Storage of waste in a secure place
D	468m SW	Holmfield Ranch Holmfield Lane Knottingley West Yorkshire Wf11 8sd	EPR/DE5055YL /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- NGD current or recent tanks
- Electricity cables
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m

22

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 35 >](#)

ID	Location	Company	Address	Activity	Category
1	On site	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
A	On site	Chimneys	West Yorkshire, WF11	Chimneys	Industrial Features
A	On site	Enfiniun	Kirkhaw Lane, Knottingley, West Yorkshire, WF11 8DX	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
A	On site	Mast (Telecomm unication)	West Yorkshire, WF11	Telecommunications Features	Infrastructure and Facilities
4	11m NE	Mast (Telecommu nication)	West Yorkshire, WF11	Telecommunications Features	Infrastructure and Facilities
5	42m SE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
6	43m SE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
7	50m SE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
D	79m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
C	112m SE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
D	119m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
E	153m NW	Chimneys	West Yorkshire, WF11	Chimneys	Industrial Features
F	202m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
11	207m SE	Cooling Tower	West Yorkshire, WF11	Chimneys	Industrial Features
13	223m N	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
14	226m SE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
F	229m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
15	236m NE	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
F	239m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
F	242m E	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities
H	246m SW	Electricity Sub Station	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
H	249m SW	Pylon	West Yorkshire, WF11	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m	13
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Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 35](#) >

ID	Location	Tank description	Activity	Date first identified
2	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
A	On site	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	06/06/2016
12	215m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	01/10/2018
G	217m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/03/2019
G	217m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/03/2019
G	217m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/03/2019
G	218m NW	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/03/2019

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.



4.4 Electricity cables

Records within 500m	12
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High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on [page 35](#) >

ID	Location	Cable Set	Cable Route	Details	
8	58m SE	SGT1B 275KV CABLE	FERRYBRIDGE C 400KV S/S	Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1973 Cable in tunnel? Not specified
C	64m NE	FERR2B - FERR2C CABLE 3 SECTION 01	FERRYBRIDGE B - FERRYBRIDGE C 275KV 3	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1964 Cable in tunnel? Not specified
C	66m NE	FERR2B - FERR2C CABLE 1 SECTION 01	FERRYBRIDGE A, B, C 275KV 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1964 Cable in tunnel? Not specified
D	68m SE	SKELTON GRANGE A2 275KV CABLE	FERRYBRIDGE C 275KV S/S	Cable Make: BICC 275KV (OI Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1994 Cable in tunnel? Not specified
C	68m NE	FERR2B - FERR2C CABLE 2 SECTION 01	FERRYBRIDGE A, B, C 275KV 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1964 Cable in tunnel? Not specified
D	85m SE	SKELTON GRANGE A1 275KV CABLE	FERRYBRIDGE C 275KV S/S	Cable Make: - Cable Type: - Operating Voltage (kV): 0	Year of installation: 1994 Cable in tunnel? Not specified
9	121m S	4YR020 - 4ZU003 A1(M) CABLE SECT 01	EGGBOROUGH - ROCHDALE	Cable Make: CABLE ROUTE Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 2003 Cable in tunnel? Not specified
10	194m NE	FERRYBRIDGE C/MONK FRYSTON 275KV CABLE	FERRYBRIDGE B 132KV S/S	Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1992 Cable in tunnel? Not specified
K	373m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
K	374m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

ID	Location	Cable Set	Cable Route	Details	
K	375m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
K	375m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m	2
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on [page 35 >](#)

ID	Location	Company	Address	Operational status	Tier
B	On site	Keadby Generation Ltd	Keadby Generation Ltd, Ferrybridge C Power Station, PO Box 39, Knottingley, West Yorkshire, WF11 8SQ	Historical NIHHS Site	-



ID	Location	Company	Address	Operational status	Tier
B	On site	Scottish And Southern Energy Plc (sse Plc)	Scottish And Southern Energy Plc (sse Plc), Ferrybridge C Power Station, Po Box 39, Knottingley, West Yorkshire, WF11 8SQ	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.8 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.

4.9 Hazardous substance storage/usage

Records within 500m	1
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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 35 >](#)

ID	Location	Details	
16	249m E	Application reference number: No Details Application status: Historical Consent Application date: No Details Address: SSC Ferrybridge Power Station, PO Box 39, Stranglands Lane, Knottingley, WF11 8SQ	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m	20
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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 35 >](#)

ID	Location	Details	
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: AA2534	Original Permit Number: IPCAIRAPP Date Approved: 8-4-1993 Effective Date: 8-4-1993 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: AJ0876	Original Permit Number: IPCMINVAR Date Approved: 8-7-1993 Effective Date: 8-7-1993 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: AT0583	Original Permit Number: IPCMINVAR Date Approved: 8-3-1996 Effective Date: 25-3-1996 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: AY2001	Original Permit Number: IPCMINVAR Date Approved: 23-4-1997 Effective Date: 1-5-1997 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BD8894	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BF9395	Original Permit Number: IPCMINVAR Date Approved: 25-6-1999 Effective Date: 28-6-1999 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BH0623	Original Permit Number: IPCMINVAR Date Approved: 26-1-2000 Effective Date: 1-2-2000 Status: Superseded By Variation



ID	Location	Details	
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BI6228	Original Permit Number: IPCMINVAR Date Approved: 14-6-2000 Effective Date: 21-6-2000 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BJ0153	Original Permit Number: IPCMINVAR Date Approved: 19-7-2000 Effective Date: 23-7-2000 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BJ1362	Original Permit Number: IPCMINVAR Date Approved: 3-8-2000 Effective Date: 7-8-2000 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BK3590	Original Permit Number: IPCMINVAR Date Approved: 22-3-2001 Effective Date: 29-3-2001 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BQ3681	Original Permit Number: IPCMINVAR Date Approved: 5-3-2002 Effective Date: 15-3-2002 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BS5754	Original Permit Number: IPCMINVAR Date Approved: 5-9-2002 Effective Date: 9-9-2002 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BT8694	Original Permit Number: IPCMINVAR Date Approved: 20-3-2003 Effective Date: 20-3-2003 Status: Superseded By Variation



ID	Location	Details	
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BV0830	Original Permit Number: IPCMINVAR Date Approved: 5-6-2003 Effective Date: 9-6-2003 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BX0091	Original Permit Number: IPCMINVAR Date Approved: 26-11-2003 Effective Date: 1-12-2003 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BY0194	Original Permit Number: IPCMINVAR Date Approved: 8-9-2004 Effective Date: 8-9-2004 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BY5218	Original Permit Number: IPCMINVAR Date Approved: 24-11-2004 Effective Date: 25-11-2004 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BY8918	Original Permit Number: IPCMINVAR Date Approved: 21-4-2005 Effective Date: 1-5-2005 Status: Superseded By Variation
J	363m W	Operator: Keadby Generation Ltd Address: Ferrybridge 'c' Power Station, PO Box 39, Strangland Lane, Ferrybridge, Knottingley, West Yorkshire, WF11 8SQ Process: Combustion Processes Permit Number: BZ7151	Original Permit Number: IPCMINVAR Date Approved: 31-3-2006 Effective Date: 1-4-2006 Status: Revoked - Now Ippc

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



4.11 Licensed industrial activities (Part A(1))

Records within 500m

87

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 35](#) >

ID	Location	Details	
A	On site	Operator: ENFINIUM FERRYBRIDGE 1 LIMITED Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: INCINERATION OF NON-HAZARDOUS WASTE 5.1 A(1) B) Permit Number: SP3239FU Original Permit Number: SP3239FU	EPR Reference: EPR/SP3239FU Issue Date: 30/11/2012 Effective Date: 17/06/2022 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: ENFINIUM FERRYBRIDGE 1 LIMITED Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: SP3239FU Original Permit Number: SP3239FU	EPR Reference: EPR/SP3239FU Issue Date: 30/11/2012 Effective Date: 17/06/2022 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: ENFINIUM FERRYBRIDGE 1 LIMITED Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: SP3239FU Original Permit Number: SP3239FU	EPR Reference: EPR/SP3239FU Issue Date: 17/06/2022 Effective Date: 17/06/2022 Last date noted as effective: 08/11/2023 Status: Effective
A	On site	Operator: FERRYBRIDGE MFE LIMITED Installation Name: FERRYBRIDGE MULTIFUEL PLANT Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: UP3338QA Original Permit Number: SP3239FU	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 31/01/2019 Status: DETERMINATION
A	On site	Operator: Blue Phoenix Limited Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Permit Number: WP3202BC Original Permit Number: QP3034JW	EPR Reference: - Issue Date: 06/02/2020 Effective Date: 06/02/2020 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
A	On site	Operator: enfinium Ferrybridge 1 Limited Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: AP3409MR Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 05/07/2021 Effective Date: 05/07/2021 Last date noted as effective: 21/03/2023 Status: Superseded
A	On site	Operator: enfinium Ferrybridge 1 Limited Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: DP3202MM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 16/06/2022 Effective Date: 17/06/2022 Last date noted as effective: 21/03/2023 Status: Effective
A	On site	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: UP3338QA Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 25/01/2019 Effective Date: 25/01/2019 Last date noted as effective: 21/03/2023 Status: Superseded
A	On site	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: UP3338QA Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 25/01/2019 Effective Date: 25/01/2019 Last date noted as effective: 21/03/2023 Status: Superseded
A	On site	Operator: enfinium Ferrybridge 1 Limited Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: AP3409MR Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 05/07/2021 Effective Date: 05/07/2021 Last date noted as effective: 21/03/2023 Status: Superseded
A	On site	Operator: enfinium Ferrybridge 1 Limited Installation Name: Ferrybridge 1 - EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: DP3202MM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 16/06/2022 Effective Date: 17/06/2022 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
A	On site	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective
A	On site	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: DIRECTLY ASSOCIATED ACTIVITY (INCLUDED) Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective
E	132m NW	Operator: MULTIFUEL ENERGY LIMITED Installation Name: Ferrybridge Multifuel Plant 2 EPR/YP3332WV Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: YP3332WV Original Permit Number: YP3332WV	EPR Reference: EPR/YP3332WV Issue Date: 25/11/2015 Effective Date: 25/11/2015 Last date noted as effective: 28/04/2025 Status: Superseded



ID	Location	Details	
E	132m NW	<p>Operator: ENFINIUM FERRYBRIDGE 2 LIMITED Installation Name: Ferrybridge 2 - EPR/XP3833DK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: XP3833DK Original Permit Number: XP3833DK</p>	<p>EPR Reference: EPR/XP3833DK Issue Date: 22/04/2016 Effective Date: 17/06/2022 Last date noted as effective: 28/04/2025 Status: Effective</p>
E	132m NW	<p>Operator: enfinium Ferrybridge 2 Limited Installation Name: Ferrybridge 2 - EPR/XP3833DK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: AP3109MZ Original Permit Number: XP3833DK</p>	<p>EPR Reference: - Issue Date: 05/07/2021 Effective Date: 05/07/2021 Last date noted as effective: 21/03/2023 Status: Superseded</p>
E	132m NW	<p>Operator: Ferrybridge MFE 2 Limited Installation Name: Ferrybridge Multifuel 2 EPR/XP3833DK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: YP3930QA Original Permit Number: XP3833DK</p>	<p>EPR Reference: - Issue Date: 31/08/2018 Effective Date: 31/08/2018 Last date noted as effective: 21/03/2023 Status: Superseded</p>
E	132m NW	<p>Operator: Ferrybridge MFE 2 Limited Installation Name: Ferrybridge Multifuel 2 EPR/XP3833DK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: TP3105BZ Original Permit Number: XP3833DK</p>	<p>EPR Reference: - Issue Date: 17/11/2020 Effective Date: 17/11/2020 Last date noted as effective: 21/03/2023 Status: Superseded</p>
E	132m NW	<p>Operator: enfinium Ferrybridge 2 Limited Installation Name: Ferrybridge 2 - EPR/XP3833DK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: DP3702MN Original Permit Number: XP3833DK</p>	<p>EPR Reference: - Issue Date: 16/06/2022 Effective Date: 17/06/2022 Last date noted as effective: 21/03/2023 Status: Effective</p>



ID	Location	Details	
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING SOLVENT RECLAMATION OR REGENERATION Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective
I	261m SE	Operator: KEADBY GENERATION LIMITED Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: EPR/VP3337SR Issue Date: 30/10/2007 Effective Date: 04/11/2019 Last date noted as effective: 28/04/2025 Status: Effective



ID	Location	Details	
I	261m SE	Operator: FERRYBRIDGE MFE LIMITED Installation Name: FERRYBRIDGE MULTIFUEL PLANT EPR/SP3239FU Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: QP3836YM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 23/10/2017 Effective Date: 23/10/2017 Last date noted as effective: 01/01/2018 Status: EFFECTIVE
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING SOLVENT RECLAMATION OR REGENERATION Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: AP3139WS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING SOLVENT RECLAMATION OR REGENERATION Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: PP3838ZK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 22/03/2013 Effective Date: 22/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge 'C' Power Station EPR/VP3337SR Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: VP3337SR Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: MP3635VE Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 06/03/2014 Effective Date: 06/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: QP3836YM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 23/10/2017 Effective Date: 23/10/2017 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING SOLVENT RECLAMATION OR REGENERATION Permit Number: AP3133QK Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 06/11/2019 Effective Date: 04/11/2019 Last date noted as effective: 21/03/2023 Status: Effective
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: ASSOCIATED PROCESS Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: MP3635VE Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 06/03/2014 Effective Date: 06/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: BP3135NH Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 17/12/2014 Effective Date: 17/12/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: GP3031AV Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 10/07/2015 Effective Date: 10/07/2015 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: ASSOCIATED PROCESS Permit Number: QP3836YM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 23/10/2017 Effective Date: 23/10/2017 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: QP3836YM Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 23/10/2017 Effective Date: 23/10/2017 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING SOLVENT RECLAMATION OR REGENERATION Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY PHYSICO-CHEMICAL TREATMENT Permit Number: AP3336ZL Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: DP3039VS Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 04/03/2014 Effective Date: 04/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: EP3131XE Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 23/05/2008 Effective Date: 23/05/2008 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: FP3438AZ Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 30/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
I	261m SE	Operator: Ferrybridge MFE Limited Installation Name: Ferrybridge Multifuel Plant EPR/SP3239FU Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: SP3239FU Original Permit Number: SP3239FU	EPR Reference: - Issue Date: 30/11/2012 Effective Date: 30/11/2012 Last date noted as effective: 21/03/2023 Status: Superseded
I	261m SE	Operator: Keadby Generations LTD Installation Name: Ferrybridge C Power Station EPR/VP3337SR Process: COMBUSTION; ANY FUEL =>50MW Permit Number: GP3331TW Original Permit Number: VP3337SR	EPR Reference: - Issue Date: 15/11/2010 Effective Date: 15/11/2010 Last date noted as effective: 21/03/2023 Status: Superseded
18	272m NW	Operator: BLUE PHOENIX LIMITED Installation Name: Ferrybridge IBA Facility EPR/QP3034JW Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Permit Number: QP3034JW Original Permit Number: QP3034JW	EPR Reference: EPR/QP3034JW Issue Date: 04/03/2025 Effective Date: 26/02/2025 Last date noted as effective: 28/04/2025 Status: Effective

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

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

Records within 500m	2
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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 35](#) >

ID	Location	Address	Details	
B	301m SE	Ash Resources Ltd, Ferrybridge 'C' Power Station, Po Box 39, Stranglands Lane, Knottingley, WF11 8SQ	Process: Other Mineral Processes Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
L	425m SE	Bardon Aggregates, Ferrybridge 'C' Power Station, Stranglands Lane, Knottingley, WF11 8SQ	Process: Roadstone Coating Processes Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.



4.13 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

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

4.14 Licensed Discharges to controlled waters

Records within 500m	3
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991. Features are displayed on the Current industrial land use map on [page 35](#) >

ID	Location	Address	Details	
3	On site	FERRYBRIDGE MULTIFUEL FM1, FERRYBRIDGE MFE LIMITED, KIRKHAW LANE, KNOTTINGLEY, WF11 8DX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPREB3492AS Permit Version: 1 Receiving Water: FRYSTON BECK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 09/01/2017 Effective Date: 09/01/2017 Revocation Date: -
17	264m SW	HV CABLE SEALING END COMPOUND, FERRYBRIDGE C POWER STATION, STRANGELANDS LANE, FERRYBRIDGE, WEST YORKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: WRA7875 Permit Version: 1 Receiving Water: FRYSTON BECK	Status: SURRENDERED UNDER EPR 2010 Issue date: 16/07/2002 Effective Date: 16/07/2002 Revocation Date: 25/03/2011
19	363m NW	OAKLAND HILL ESTATE, FRYSTON LANE, FERRYBRIDGE, WEST YORKSHIRE, WF11 8SH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRGP3323GG Permit Version: 1 Receiving Water: GW VIA AN INFILTRATION SYSTEM	Status: SURRENDERED UNDER EPR 2010 Issue date: 17/11/2011 Effective Date: 17/11/2011 Revocation Date: 24/02/2023

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

4.15 Pollutant release to surface waters (Red List)

Records within 500m	0
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Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.16 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

Records within 500m

0

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

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

4.18 List 2 Dangerous Substances

Records within 500m

0

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

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

4.19 Pollution Incidents (EA/NRW)

Records within 500m

1

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 35](#) >

ID	Location	Details	
L	400m SE	Incident Date: 20/07/2003 Incident Identification: 175208 Pollutant: Atmospheric Pollutants and Effects: Contaminated Water Pollutant Description: Smoke: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

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

4.20 Pollution inventory substances

Records within 500m

32

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 35](#) >

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ	1e-5kg	8e-5kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM2.5	1000kg	9210kg
Air	Particulate matter - PM10	1000kg	9210kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Arsenic	1kg	3.55kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as ITEQ	1e-5kg	0.00011kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	1080kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nickel	10kg	77.7kg



ID: A, Location: On site, Permit: SP3239FU
Operator: enfinium Ferrybridge 1 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
Sector: Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Mercury	1kg	6.22kg

ID: A, Location: On site, Permit: SP3239FU
Operator: enfinium Ferrybridge 1 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
Sector: Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Copper	10kg	28.2kg

ID: A, Location: On site, Permit: SP3239FU
Operator: enfinium Ferrybridge 1 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
Sector: Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	985000000kg

ID: A, Location: On site, Permit: SP3239FU
Operator: enfinium Ferrybridge 1 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
Sector: Energy from Waste, Sub-sector: Energy from Waste
Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	827000kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	27600kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chromium	10kg	52.9kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Cadmium	1kg	4.1kg



ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon Dioxide From Qualifying Renewable Fuel Sources	0kg	436000000kg

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Polychlorinated biphenyls (PCBs)	0.1kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Air	Benzo(b)fluoranthene	1kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Nitrous oxide	10000kg	Below Reporting Threshold
Air	Lead	100kg	Below Reporting Threshold
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold
Air	Benzo(k)fluoranthene	1kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Air	Indeno(1,2,3-cd)pyrene	1kg	Below Reporting Threshold
Air	Naphthalene	100kg	Below Reporting Threshold

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	842000kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM2.5	1000kg	9450kg
Air	Particulate matter - PM10	1000kg	9450kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chromium	10kg	531kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	Below Reporting Threshold
Air	Polychlorinated biphenyls (PCBs)	0.1kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Air	Benzo(b)fluoranthene	1kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Methane	10000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold
Air	Benzo(k)fluoranthene	1kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Air	Indeno(1,2,3-cd)pyrene	1kg	Below Reporting Threshold
Air	Naphthalene	100kg	Below Reporting Threshold

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Arsenic	1kg	2.2kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon Dioxide From Qualifying Renewable Fuel Sources	0kg	337000000kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Cadmium	1kg	6.45kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as ITEQ	1e-5kg	6e-5kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrous oxide	10000kg	10200kg



ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	707000000kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Mercury	1kg	15.5kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nickel	10kg	396kg

ID: E, Location: 132m NW, Permit: XP3833DK
Operator: enfinium Ferrybridge 2 Limited
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
Sector Energy from Waste, Sub-sector: Energy from Waste
Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	14600kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Copper	10kg	32.3kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ	1e-5kg	0.00026kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	41600kg

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: Energy from Waste, Sub-sector: Energy from Waste
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Lead	100kg	128kg

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

4.21 Pollution inventory waste transfers

Records within 500m	3
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on [page 35 >](#)

ID: A, Location: On site, Permit: SP3239FU
 Operator: enfinium Ferrybridge 1 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 1 Kirkhaw Lane WF11 8DX
 Sector: EfW, Sub-sector: EfW
 Releases:

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)	2.7	Absolute Value	15 01 06	mixed packaging	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)	0.1	Absolute Value	16 01 03	end-of-life tyres	No



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)	2	Absolute Value	16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	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)	1.5	Absolute Value	16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15	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)	0.6	Absolute Value	16 03 04	inorganic wastes other than those mentioned in 16 03 03	No
D8	Biological 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	495.94	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)	62.44	Absolute Value	17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	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)	9.46	Absolute Value	17 02 01	wood	No
R4	Recycling/reclamation of metals and metal compounds	4537.18	Absolute Value	19 01 02	ferrous materials removed from bottom ash	No
R5	Recycling/reclamation of other inorganic materials	124770.15	Absolute Value	19 01 12	bottom ash and slag other than those mentioned in 19 01 11	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)	29.98	Absolute Value	20 03 01	mixed municipal waste	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D8	Biological 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	53.69	Absolute Value	20 03 04	septic tank sludge	No
D8	Biological 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	43.21	Absolute Value	20 03 06	waste from sewage cleaning	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)	5.32	Absolute Value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	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)	6.9	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)	0.2	Absolute Value	16 05 04	gases in pressure containers (including halons) 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)	0.04	Absolute Value	16 06 01	lead batteries	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)	0.007	Absolute Value	16 06 02	Ni-Cd batteries	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.)	5585.3	Absolute Value	19 01 07	solid wastes from gas treatment	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	34.69	Absolute Value	19 01 07	solid wastes from gas treatment	Yes
R5	Recycling/reclamation of other inorganic materials	19043.83	Absolute Value	19 01 07	solid wastes from gas treatment	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)	0.003	Absolute Value	20 01 21	fluorescent tubes and other mercury-containing waste	Yes

ID: A, Location: On site, Permit: QP3034JW
 Operator: Blue Phoenix Limited
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES
 Address: IBA Plant, Ferrybridge Power Station, Kirkhaw Lane, Knottingley, West Yorkshire WF11 8DX
 Sector: Waste Treatment, Sub-sector: Non-Hazardous & Inert
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	13001.36	Absolute Value	19 01 02	ferrous materials removed from bottom ash	No
R4	Recycling/reclamation of metals and metal compounds	18231.31	Absolute Value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	No
R5	Recycling/reclamation of other inorganic materials	182253.56	Absolute Value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	373.34	Absolute Value	19 12 03	non-ferrous metal	No

ID: E, Location: 132m NW, Permit: XP3833DK
 Operator: enfinium Ferrybridge 2 Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Ferrybridge 2 Stranglands Lane WF11 8SQ
 Sector: EfW, Sub-sector: EfW
 Releases:

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)	1.82	Absolute Value	15 01 06	mixed packaging	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)	19.3	Absolute Value	17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	No
R4	Recycling/reclamation of metals and metal compounds	8112.18	Absolute Value	19 01 02	ferrous materials removed from bottom ash	No
R5	Recycling/reclamation of other inorganic materials	128001	Absolute Value	19 01 12	bottom ash and slag other than those mentioned in 19 01 11	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	231.58	Absolute Value	19 01 12	bottom ash and slag other than those mentioned in 19 01 11	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	7.35	Absolute Value	19 01 14	fly ash other than those mentioned in 19 01 13	No
R4	Recycling/reclamation of metals and metal compounds	34.5	Absolute Value	19 12 02	ferrous metal	No



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)	1.25	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
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	6.86	Absolute Value	20 01 38	wood other than that mentioned in 20 01 37	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)	42.56	Absolute Value	20 03 01	mixed municipal waste	No
D8	Biological 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	9.88	Absolute Value	20 03 06	waste from sewage cleaning	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)	0.5	Absolute Value	08 01 11	waste paint and varnish containing organic solvents or other 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)	1.59	Absolute Value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	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)	5.5	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing 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)	2	Absolute Value	16 03 03	inorganic wastes containing dangerous substances	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)	0.2	Absolute Value	16 05 04	gases in pressure containers (including halons) containing 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)	42.4	Absolute Value	19 01 07	solid wastes from gas treatment	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.)	395.44	Absolute Value	19 01 07	solid wastes from gas treatment	Yes
R5	Recycling/reclamation of other inorganic materials	25317.31	Absolute Value	19 01 07	solid wastes from gas treatment	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.08	Absolute Value	19 08 06	saturated or spent ion exchange resins	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)	0.001	Absolute Value	20 01 21	fluorescent tubes and other mercury-containing waste	Yes

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

4.22 Pollution inventory radioactive waste

Records within 500m

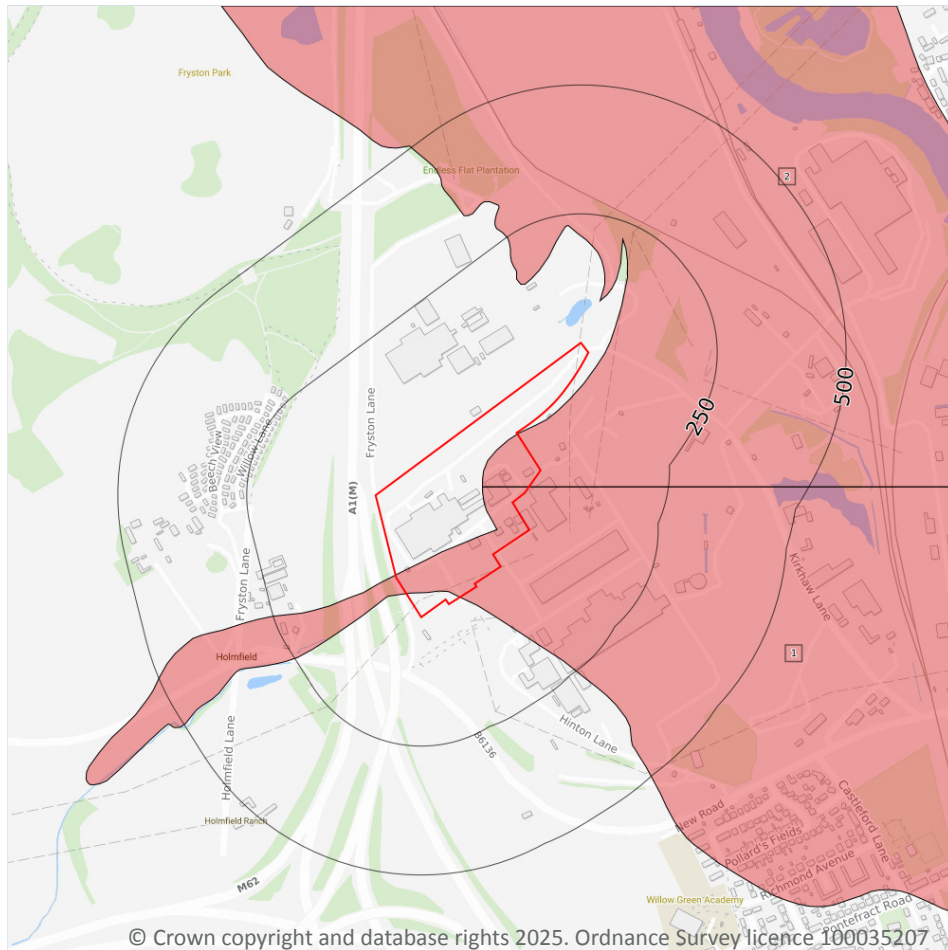
0

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 78 >](#)

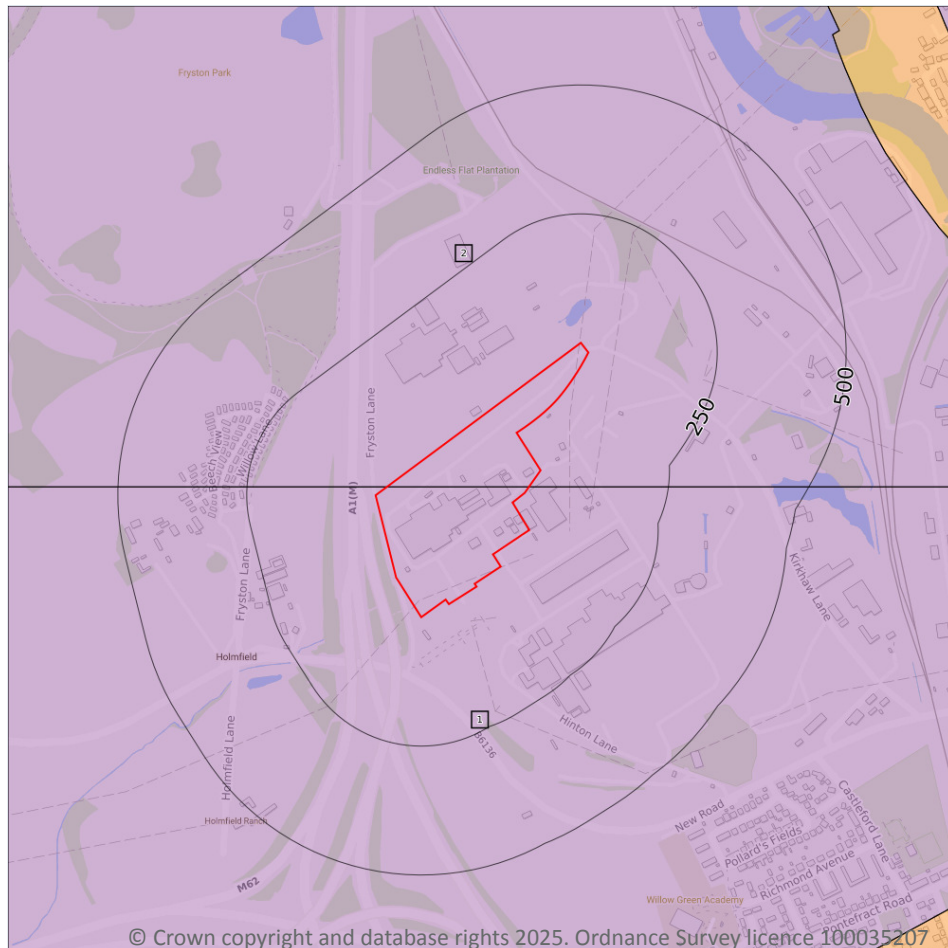
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary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



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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 80](#) >

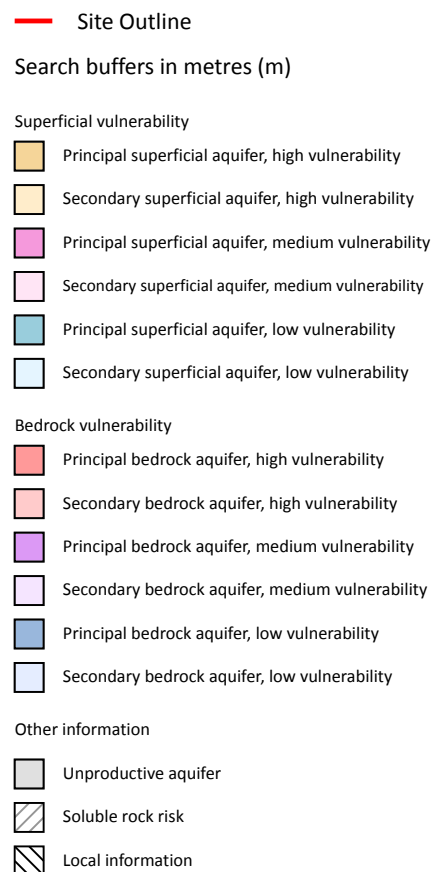
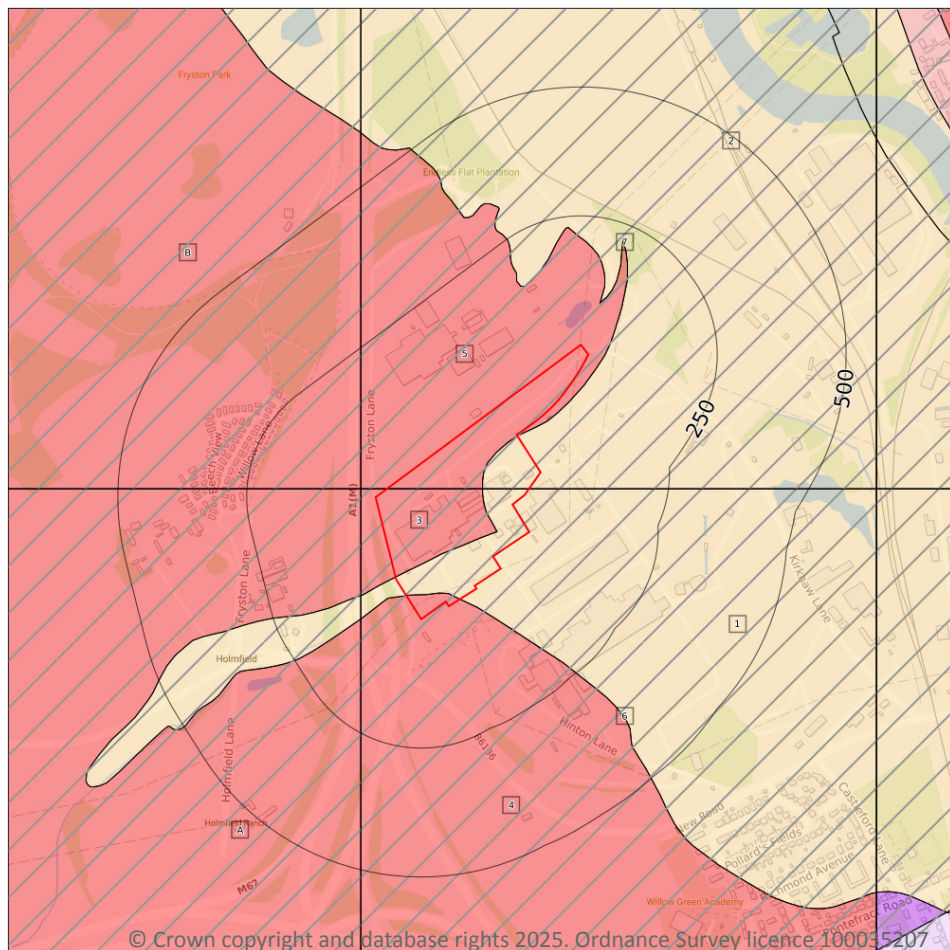
ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	On site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



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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

7

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 82](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
3	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
4	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
5	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
A	29m W	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
B	33m NW	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal 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	2
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
6	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	1.0%
7	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	2.0%

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

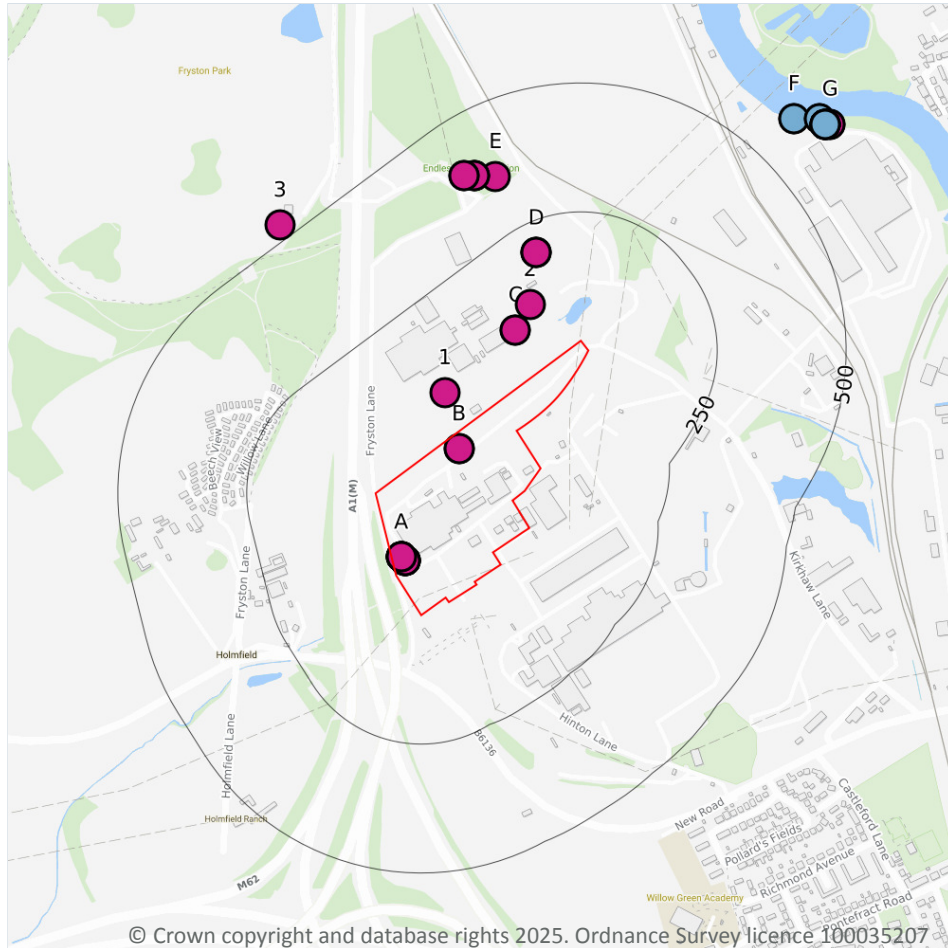
5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

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

Abstractions and Source Protection Zones



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

5.6 Groundwater abstractions

Records within 2000m

40

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 85 >](#)

ID	Location	Details	
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE B - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE A - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Gas Suppression/Scrubbing Direct Source: GROUNDWATERS Point: BOREHOLE B - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Gas Suppression/Scrubbing Direct Source: GROUNDWATERS Point: BOREHOLE A - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -



ID	Location	Details	
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE B - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -
A	On site	Status: Active Licence No: NE/027/0018/023 Details: Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE A - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Enfinium Ferrybridge 1 Limited Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/038022 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 08/07/2022 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Non-Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447078 Northing: 424860	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 360 Original Application No: - Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 10/10/2014 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Non-Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447086 Northing: 424854	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 360 Original Application No: - Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 10/10/2014 Version End Date: -



ID	Location	Details	
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Gas Suppression/Scrubbing Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Gas Suppression/Scrubbing Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447086 Northing: 424854	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -



ID	Location	Details	
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0018/023 Details: Evaporative Cooling Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Ferrybridge MFE Ltd Easting: 447078 Northing: 424860	Annual Volume (m ³): 262800 Max Daily Volume (m ³): 720 Original Application No: NPS/WR/027125 Original Start Date: 10/10/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 12/09/2017 Version End Date: -
B	On site	Status: Historical Licence No: 2/27/18/121 Details: Make-Up Or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE-MAGNESIUM LIMESTONE-KNOTTINGLEY Data Type: Point Name: TRUSTEES OF FERRYBRIDGE GOLF CLUB Easting: 447190 Northing: 425070	Annual Volume (m ³): 7300 Max Daily Volume (m ³): 55 Original Application No: - Original Start Date: 20/12/2004 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -
B	On site	Status: Historical Licence No: 2/27/18/121 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-MAGNESIUM LIMESTONE-KNOTTINGLEY Data Type: Point Name: TRUSTEES OF FERRYBRIDGE GOLF CLUB Easting: 447190 Northing: 425070	Annual Volume (m ³): 7300 Max Daily Volume (m ³): 55 Original Application No: - Original Start Date: 20/12/2004 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
1	77m NW	Status: Active Licence No: NE/027/0018/031 Details: Process Water Direct Source: GROUNDWATERS Point: MAGNESIAN LIMESTONE - KNOTTINGLEY - FERRYBRIDGE MFE2 Data Type: Point Name: Enfinium Ferrybridge 2 Ltd Easting: 447163 Northing: 425179	Annual Volume (m ³): 306600 Max Daily Volume (m ³): 840 Original Application No: NPS/WR/038024 Original Start Date: 14/04/2020 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 08/07/2022 Version End Date: -
C	92m NW	Status: Historical Licence No: 2/27/18/094 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (1) Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447300 Northing: 425300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/06/1997 Expiry Date: 30/11/2001 Issue No: 101 Version Start Date: 20/07/1999 Version End Date: -
C	92m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (1) - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LTD Easting: 447300 Northing: 425300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 02/01/2002 Version End Date: -
2	115m NW	Status: Historical Licence No: 2/27/18/115/R01 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE A - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447328 Northing: 425350	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
D	191m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE(1)-MAGNESIAN LIMESTONE-KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447340 Northing: 425450	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
D	191m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (1) - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447340 Northing: 425450	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
D	191m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE 1 - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447340 Northing: 425450	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
E	359m NW	Status: Historical Licence No: 2/27/18/115/R01 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE B - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447261 Northing: 425598	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
E	381m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE(2)-MAGNESIAN LIMESTONE-KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447220 Northing: 425600	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
E	381m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (2) - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447220 Northing: 425600	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
E	381m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE 2 - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: KEADBY GENERATION LTD Easting: 447220 Northing: 425600	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
E	393m NW	Status: Historical Licence No: 2/27/18/094 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (2) Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447200 Northing: 425600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/06/1997 Expiry Date: 30/11/2001 Issue No: 101 Version Start Date: 20/07/1999 Version End Date: -



ID	Location	Details	
E	393m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (2) - MAGNESIAN LIMESTONE - KNOTTINGLEY Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LTD Easting: 447200 Northing: 425600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 02/01/2002 Version End Date: -
3	528m NW	Status: Active Licence No: NE/027/0017/034 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE GOLF COURSE Data Type: Point Name: Jepson Easting: 446843 Northing: 425504	Annual Volume (m ³): 5964 Max Daily Volume (m ³): 72 Original Application No: NPS/WR/028338 Original Start Date: 08/03/2016 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 10/04/2018 Version End Date: -
G	641m NE	Status: Active Licence No: 2/27/18/148/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Extex Building Performance Ltd Easting: 447910 Northing: 425700	Annual Volume (m ³): 139128 Max Daily Volume (m ³): 1320 Original Application No: NPS/WR/025112 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 09/01/2017 Version End Date: -
G	641m NE	Status: Historical Licence No: 2/27/18/148 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: Siniat Ltd Easting: 447910 Northing: 425700	Annual Volume (m ³): 463320 Max Daily Volume (m ³): 1320 Original Application No: - Original Start Date: 12/10/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 13/12/2012 Version End Date: -

ID	Location	Details	
-	875m NW	Status: Historical Licence No: 2/27/18/115/R01 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE C - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: KEADBY GENERATION LTD Easting: 446921 Northing: 425993	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	947m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE(3)-MAGNESIAN LIMESTONE-FERRYBRIDGE Data Type: Point Name: KEADBY GENERATION LTD Easting: 446890 Northing: 426060	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
-	947m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (3) - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: KEADBY GENERATION LTD Easting: 446890 Northing: 426060	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -
-	947m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE 3 - MAGNESIAN LIMESTONE - FERRYBRIDGE Data Type: Point Name: KEADBY GENERATION LTD Easting: 446890 Northing: 426060	Annual Volume (m ³): 1500000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 30/07/2004 Version End Date: -

ID	Location	Details	
-	975m NW	Status: Historical Licence No: 2/27/18/094 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (3) Data Type: Point Name: EDISON FIRST POWER LTD Easting: 446900 Northing: 426100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/06/1997 Expiry Date: 30/11/2001 Issue No: 101 Version Start Date: 20/07/1999 Version End Date: -
-	975m NW	Status: Historical Licence No: 2/27/18/115 Details: Boiler Feed Direct Source: GROUNDWATERS Point: BOREHOLE (3) - MAGNESIAN LIMESTONE-FERRYBRIDGE Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LTD Easting: 446900 Northing: 426100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/01/2002 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 02/01/2002 Version End Date: -
-	1746m SE	Status: Historical Licence No: 2/27/18/108 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SUPERFICIAL DRIFT - FERRYBRIDGE Data Type: Point Name: CAULDON POTTERIES LIMITED Easting: 448870 Northing: 424100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1999 Expiry Date: - Issue No: 100 Version Start Date: 20/07/1999 Version End Date: -
-	1746m SE	Status: Historical Licence No: 2/27/18/108 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SUPERFICIAL DRIFT - FERRYBRIDGE Data Type: Point Name: CAULDON POTTERIES LIMITED Easting: 448870 Northing: 424100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1999 Expiry Date: - Issue No: 100 Version Start Date: 20/07/1999 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

23

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 85 >](#)

ID	Location	Details	
F	597m NE	Status: Historical Licence No: 2/27/18/046 Details: Boiler Feed Direct Source: SURFACE WATER Point: RIVER AIRE-FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: KEADBY GENERATION LTD Easting: 447840 Northing: 425710	Annual Volume (m ³): 50000000 Max Daily Volume (m ³): 238665 Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 104 Version Start Date: 11/03/2008 Version End Date: -
F	597m NE	Status: Historical Licence No: 2/27/18/046 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE-FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: KEADBY GENERATION LTD Easting: 447840 Northing: 425710	Annual Volume (m ³): 50000000 Max Daily Volume (m ³): 238665 Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 104 Version Start Date: 11/03/2008 Version End Date: -
G	633m NE	Status: Active Licence No: 2/27/18/149/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE Data Type: Point Name: Extex Building Performance Ltd Easting: 447890 Northing: 425710	Annual Volume (m ³): 27720 Max Daily Volume (m ³): 1320 Original Application No: NPS WR/025113 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 09/01/2017 Version End Date: -



ID	Location	Details	
G	633m NE	Status: Historical Licence No: 2/27/18/149 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE Data Type: Point Name: Siniat Ltd Easting: 447890 Northing: 425710	Annual Volume (m ³): 27720 Max Daily Volume (m ³): 1320 Original Application No: - Original Start Date: 12/10/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 13/12/2012 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' AND 'B' POWER STATION Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/036 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' AND 'B' POWER STATION Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/046 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -

ID	Location	Details	
G	633m NE	Status: Historical Licence No: 2/27/18/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: EDISON FIRST POWER LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' AND 'B' POWER STATION Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LIMITED Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/036 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' AND 'B' POWER STATION Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LIMITED Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -
G	633m NE	Status: Historical Licence No: 2/27/18/046 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -

ID	Location	Details	
G	633m NE	Status: Historical Licence No: 2/27/18/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'C' POWER STATION Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LTD Easting: 447900 Northing: 425700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/04/1968 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -
-	761m E	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' & 'B' POWER STATIONS Data Type: Point Name: EDISON FIRST POWER LTD Easting: 448200 Northing: 425200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -
-	761m E	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE 'A' & 'B' POWER STATIONS Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LIMITED Easting: 448200 Northing: 425200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -
-	932m SE	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE POWER STATIONS 'A' & 'B' Data Type: Point Name: EDISON FIRST POWER LTD Easting: 448300 Northing: 424900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/07/1999 Version End Date: -



ID	Location	Details	
-	932m SE	Status: Historical Licence No: 2/27/18/036 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER AIRE - FERRYBRIDGE POWER STATIONS 'A' & 'B' Data Type: Point Name: AEP ENERGY SERVICES UK GENERATION LIMITED Easting: 448300 Northing: 424900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 21/12/2001 Version End Date: -
-	1126m N	Status: Historical Licence No: 2/27/18/119 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER AIRE (SOUTH BANK)-HOOK MOOR-FERRYBRIDGE Data Type: Line Name: MCALPINE CAPITAL PROJECTS LTD Easting: 447310 Northing: 426410	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/2004 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 16/04/2004 Version End Date: -
-	1260m E	Status: Active Licence No: NE/027/0018/039 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: RIVER AIRE AT KNOTTINGLEY Data Type: Point Name: Canal and River Trust Easting: 448500 Northing: 424458	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/036079 Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 10/11/2023 Version End Date: -
-	1328m N	Status: Historical Licence No: 2/27/18/119 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: MCALPINE CAPITAL PROJECTS LTD Easting: 447160 Northing: 426700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/2004 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 16/04/2004 Version End Date: -

ID	Location	Details	
-	1412m N	Status: Historical Licence No: 2/27/18/119 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: MCALPINE CAPITAL PROJECTS LTD Easting: 447200 Northing: 426700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/2004 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 16/04/2004 Version End Date: -
-	1412m N	Status: Historical Licence No: 2/27/18/119 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER AIRE (NORTH BANK)-HOOK MOOR-FERRYBRIDGE Data Type: Line Name: MCALPINE CAPITAL PROJECTS LTD Easting: 447200 Northing: 426700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/2004 Expiry Date: 31/12/2005 Issue No: 1 Version Start Date: 16/04/2004 Version End Date: -
-	1442m E	Status: Active Licence No: NE/027/0018/039 Details: Supply To A Canal For Throughflow Direct Source: SURFACE WATER Point: RIVER AIRE AT KNOTTINGLEY WAKEFIELD Data Type: Point Name: Canal and River Trust Easting: 448669 Northing: 424391	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/036079 Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 10/11/2023 Version End Date: -
-	1442m E	Status: Historical Licence No: NE/027/0018/039 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: SURFACE WATER Point: RIVER AIRE AT KNOTTINGLEY WAKEFIELD Data Type: Point Name: Canal and River Trust Easting: 448669 Northing: 424391	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 31/03/2021 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



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

5

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

Features are displayed on the Hydrology map on [page 103 >](#)

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



ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	183m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Fryston Beck
5	224m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Fryston Beck
B	240m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Fryston Beck

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 103 >](#)

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 103 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Aire from River Calder to River Ouse	GB104027062760	Aire Lower	Aire and Calder

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



6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on [page 103 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	On site	River	Aire from River Calder to River Ouse	GB104027062760 ↗	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 103 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Aire & Don Magnesian Limestone.	GB40401G700900 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

0

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

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

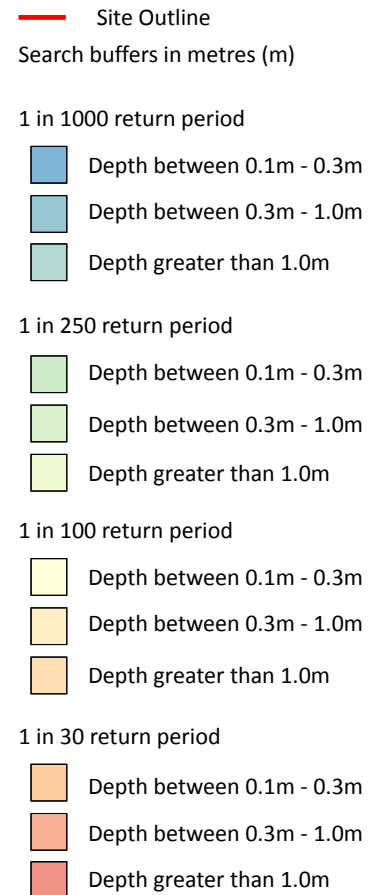
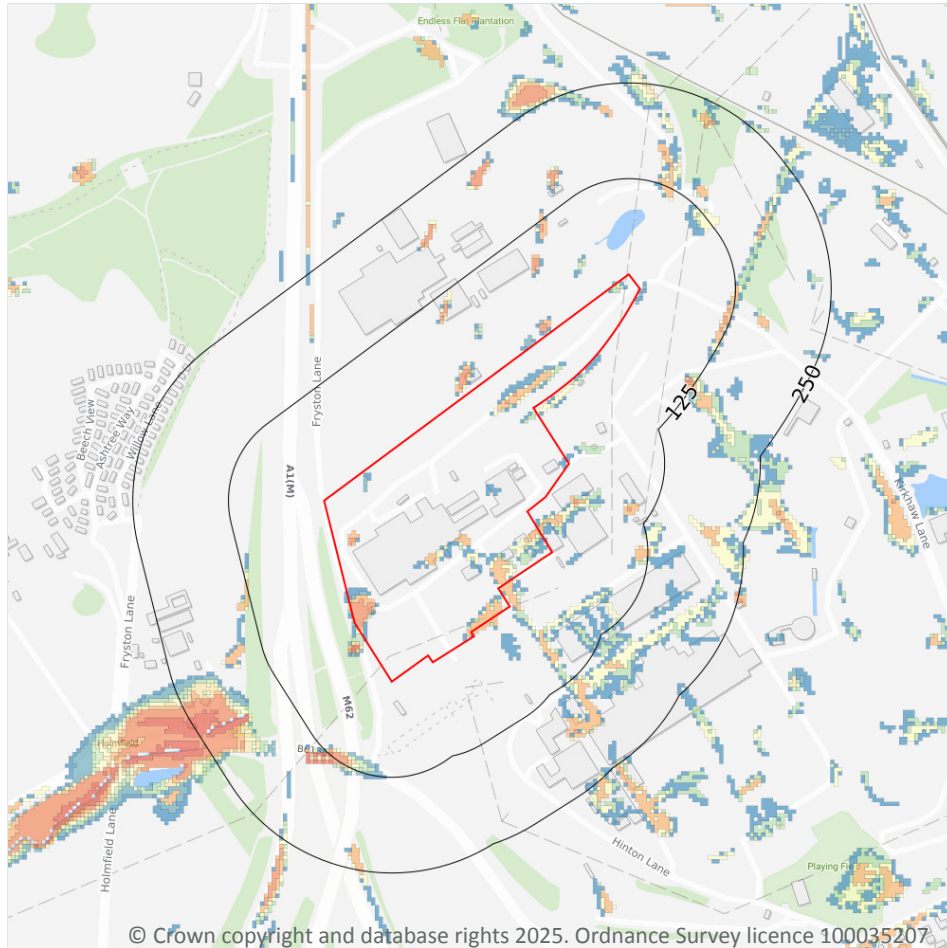
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 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 109 >](#)

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.



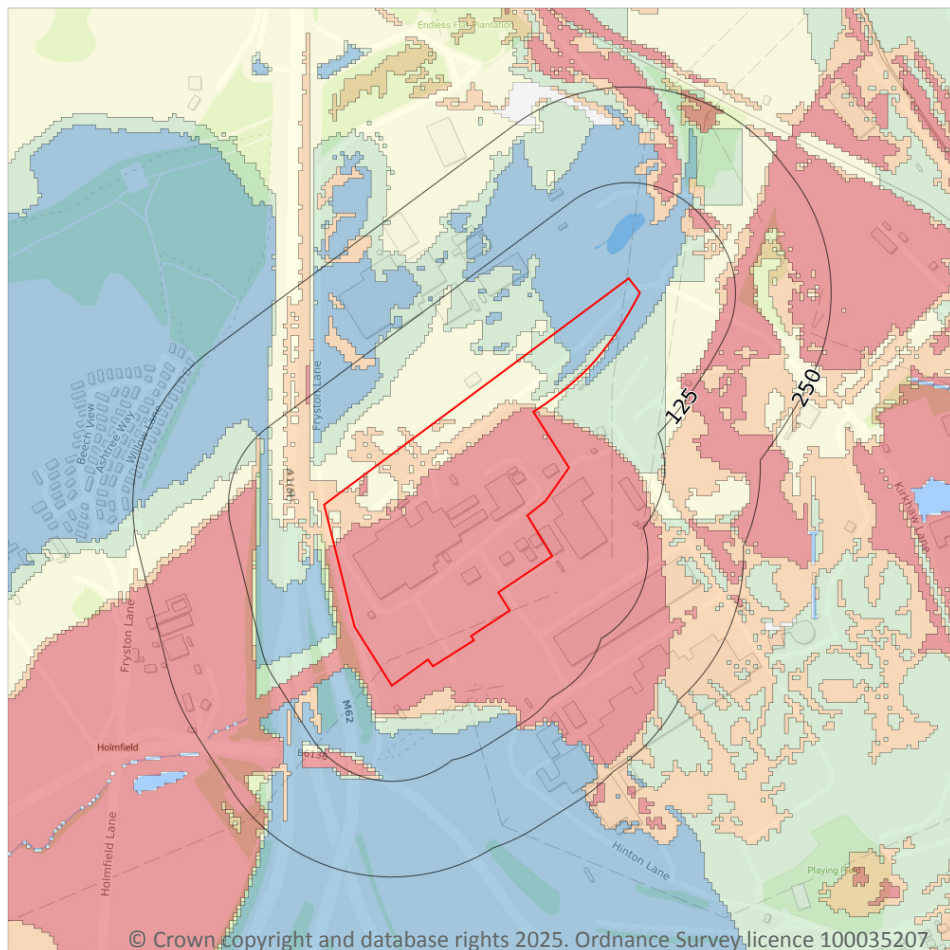
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 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

High

Highest risk within 50m

High

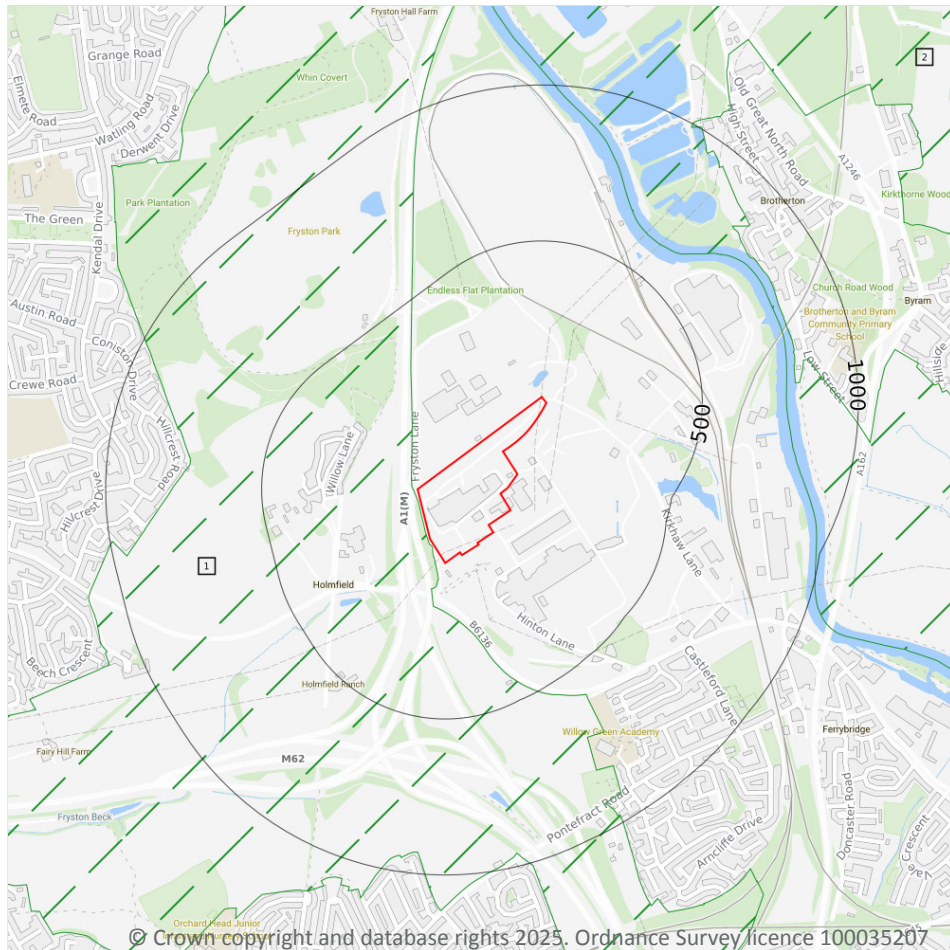
Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks 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 111](#) >

This data is sourced from Ambiantal Risk Analytics.



10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- + Local Nature Reserves (LNR)
- Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 112](#) >

ID	Location	Name	Data source
-	1894m N	Fairburn and Newton Ings SSSI	Natural England



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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

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 112 >](#)

ID	Location	Name	Data source
-	1988m NW	Well Wood	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 112](#) >

ID	Location	Name	Local Authority name
1	7m SW	South and West Yorkshire Green Belt	Wakefield
2	618m NE	South and West Yorkshire Green Belt	North Yorkshire

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**6**

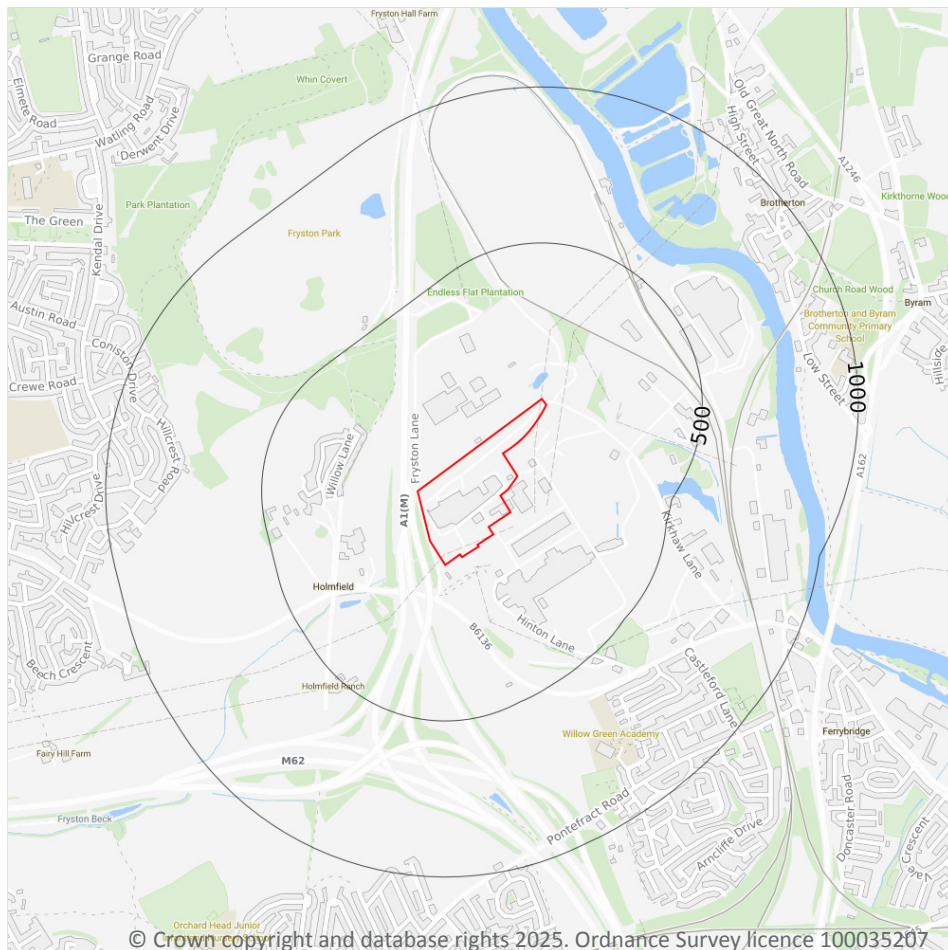
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
On site	Yorkshire Mag Limestone	Groundwater	101	Existing
703m N	Yorkshire Mag Limestone	Groundwater	101	Existing
703m N	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1057m NE	The Fleet from Source to River Aire NVZ	Surface Water	272	Existing
1062m NE	The Fleet from Source to River Aire NVZ	Surface Water	272	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

0

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.

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m

1

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

Features are displayed on the SSSI Impact Zones and Units map on [page 117](#) >

ID: -
 Location: 1894m N
 SSSI name: Fairburn and Newton Ings
 Unit name: Fairburn & Newton Ings
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Gadwall, Mareca strepera	Favourable	07/03/2022
Aggregations of non-breeding birds - Mallard, Anas platyrhynchos	-	-
Aggregations of non-breeding birds - Shoveler, Anas clypeata	Favourable	07/03/2022
Aggregations of non-breeding birds - Whooper swan, Cygnus cygnus	-	-
Assemblages of breeding birds - variety of species	Favourable	07/09/2011
Lowland wet neutral grassland (MG11, MG13)	Unfavourable - Recovering	06/03/2024
Lowland wetland including basin fen, valley fen, floodplain fen, waterfringe fen, spring/flush fen and raised bog lagg	Unfavourable - Recovering	06/03/2024

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



11 Visual and cultural designations

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

0

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.



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

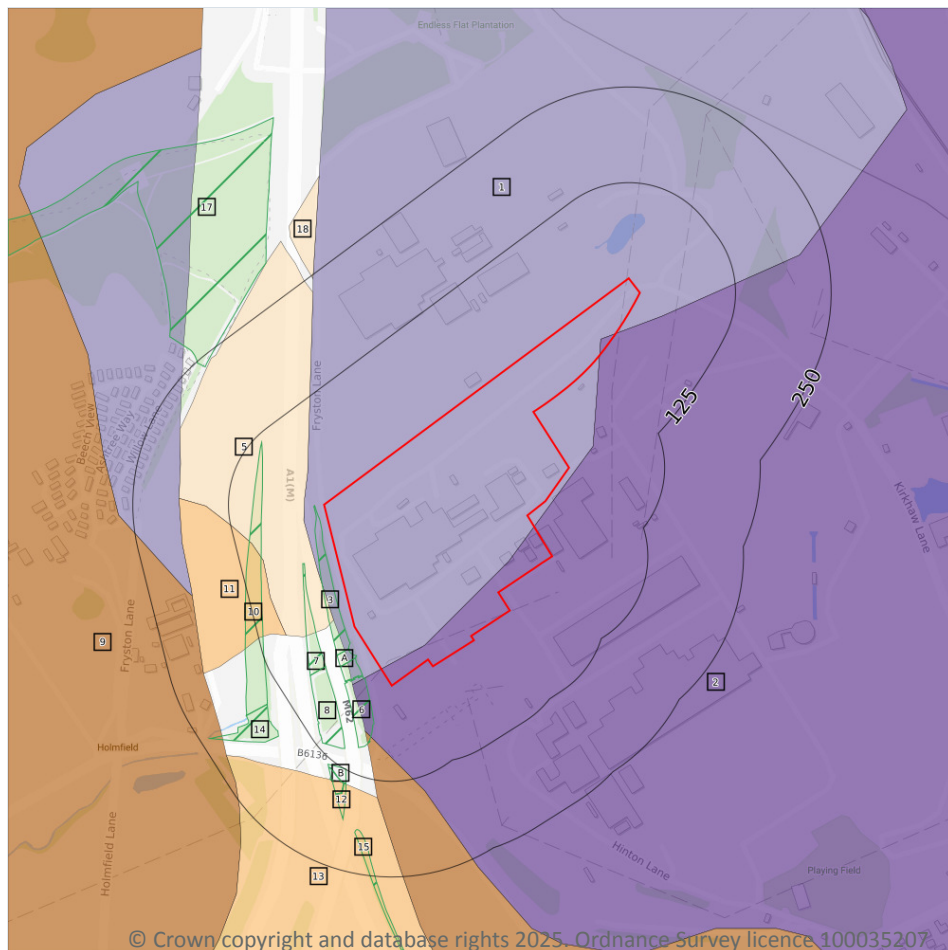
0

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

7

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 121](#) >

ID	Location	Classification	Description
1	On site	Non Agricultural	Non-agricultural/no quality assigned
2	On site	Urban	Non-agricultural/no quality assigned



ID	Location	Classification	Description
5	24m W	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
9	69m SW	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
11	89m W	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
13	142m SW	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
18	246m NW	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

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

13

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.

Features are displayed on the Agricultural designations map on [page 121](#) >



ID	Location	Description	Reference	Application date
3	10m W	Selective Fell/Thin (Unconditional)	018/366/15-16	-
A	18m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
A	20m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
6	24m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
7	44m W	Selective Fell/Thin (Unconditional)	018/366/15-16	-
8	60m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
10	81m W	Selective Fell/Thin (Unconditional)	018/366/15-16	-
B	124m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
B	135m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
12	142m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
14	150m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
15	193m S	Selective Fell/Thin (Unconditional)	018/366/15-16	-
17	238m NW	Selective Fell/Thin (Unconditional)	018/366/15-16	-

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

7

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

Features are displayed on the Habitat designations map on [page 124 >](#)

ID	Location	Main Habitat	Other habitats
A	216m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	220m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LCGRA (INV > 50%)
4	230m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	234m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	239m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	248m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	249m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	2
----------------------------	----------

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

Features are displayed on the Habitat designations map on [page 124 >](#)

ID	Location	Type	Habitat
1	15m NW	Network Enhancement Zone 1	Not specified
2	122m NW	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0
----------------------------	----------

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m	0
----------------------------	----------

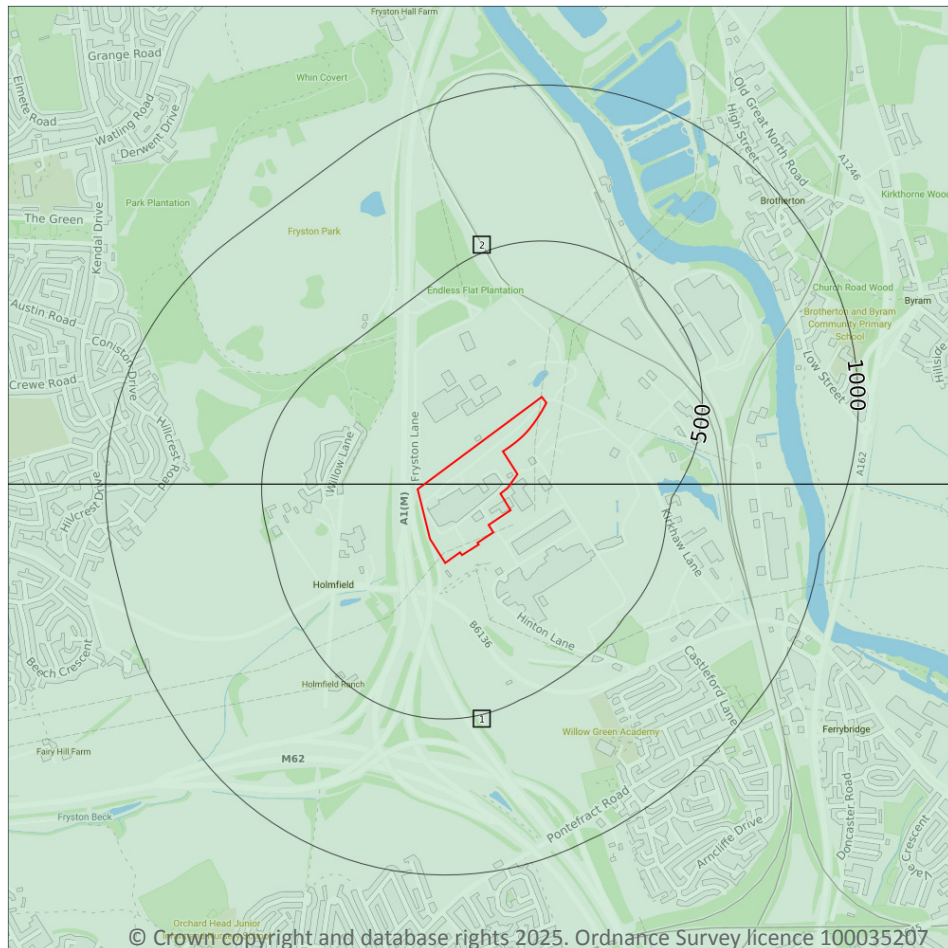
Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened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



This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

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

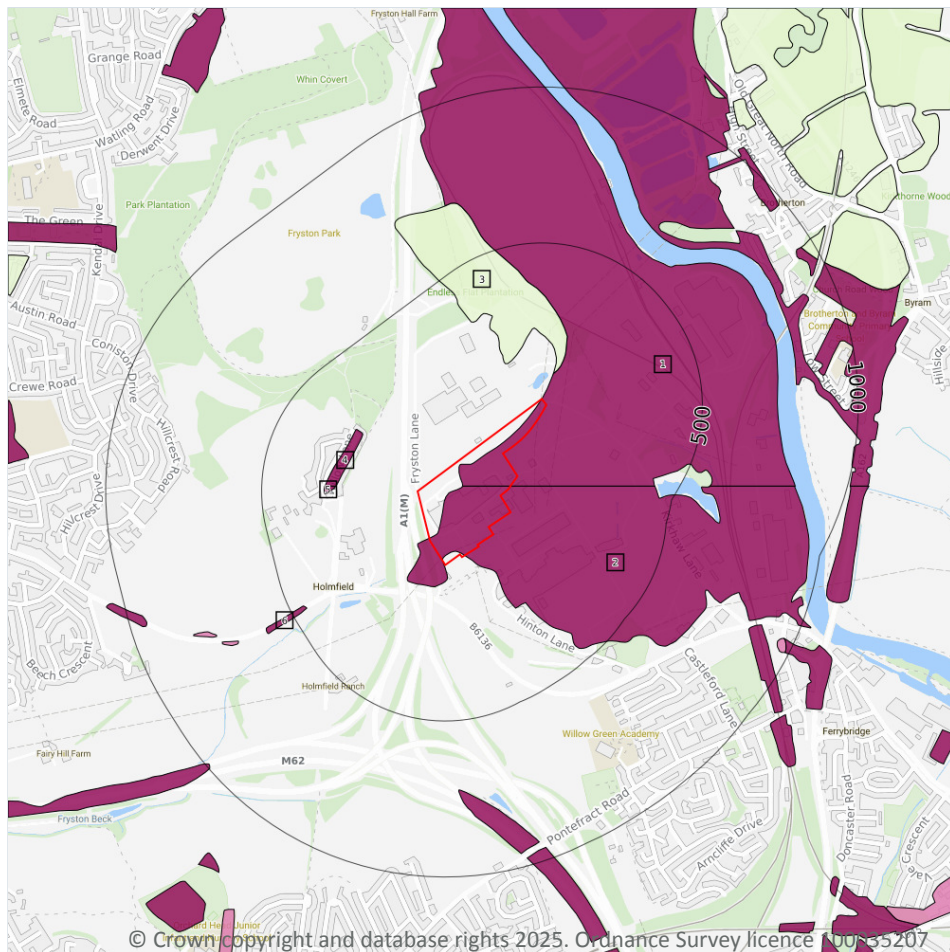
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 127](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SE42SE
2	On site	Full	Full	Full	No coverage	SE42NE

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

6

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 128 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	90m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
4	238m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

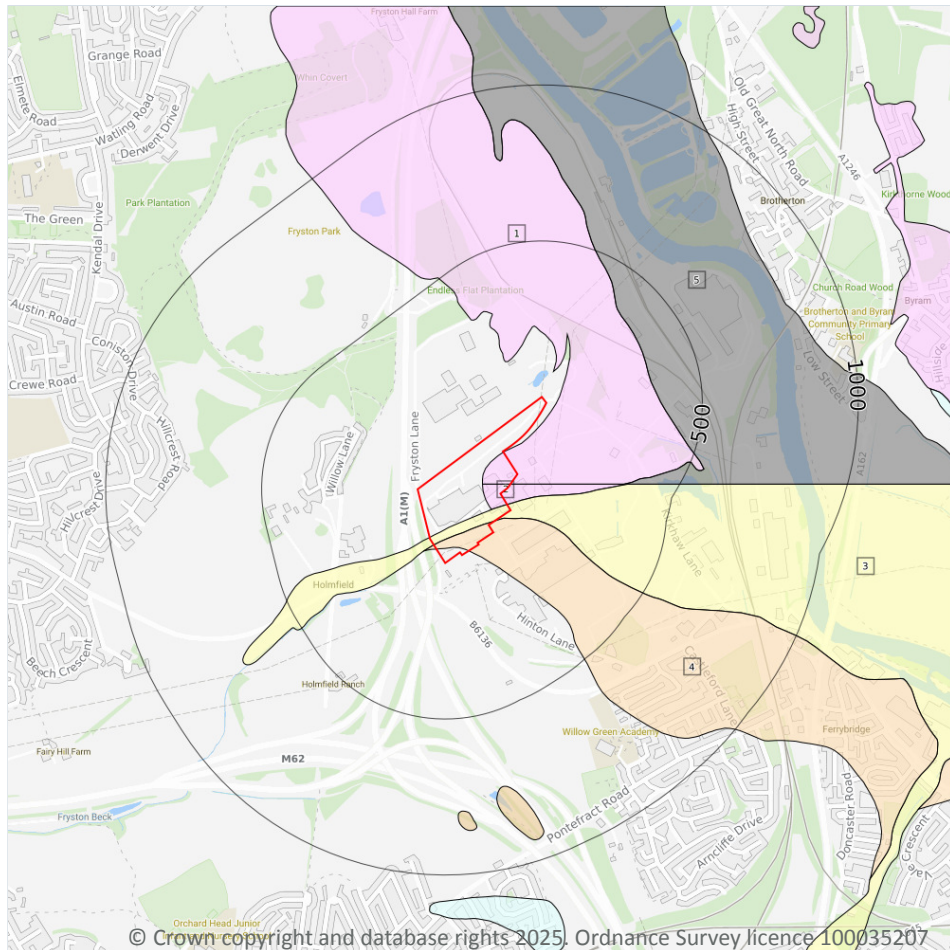


ID	Location	LEX Code	Description	Rock description
5	262m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	450m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

5

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 130](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	GFDU-XSV	Glaciofluvial Deposits - Sand And Gravel	Sand And Gravel
2	On site	GFDU-XSV	Glaciofluvial Deposits - Sand And Gravel	Sand And Gravel
3	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
4	On site	BREI-S	Brighton Sand Formation - Sand	Sand



ID	Location	LEX Code	Description	Rock description
5	341m E	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

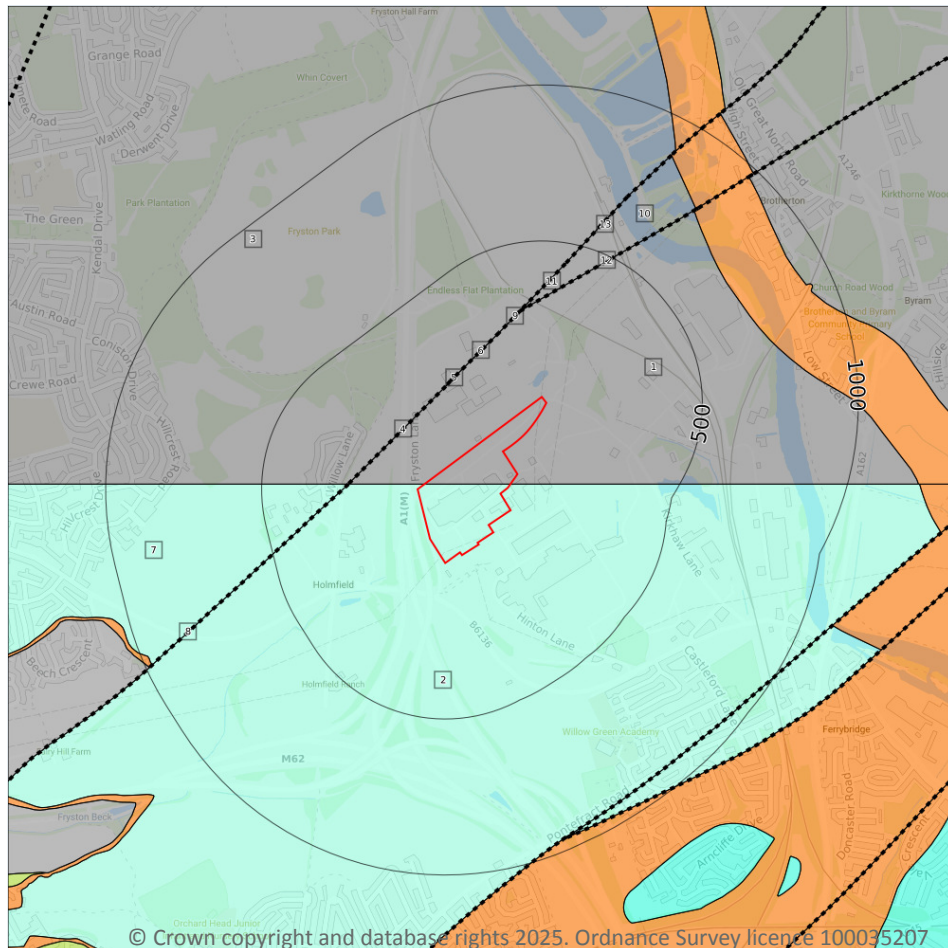
0

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 132](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CDF-DOLMST	Cadeby Formation - Dolomitic Limestone	Late Permian Epoch [Obsolete name]
2	On site	CDF-DOLO	Cadeby Formation - Dolostone	Late Permian Epoch [Obsolete name]



ID	Location	LEX Code	Description	Rock age
3	169m NW	CDF-DOLMST	Cadeby Formation - Dolomitic Limestone	Late Permian Epoch [Obsolete name]
7	222m W	CDF-DOLO	Cadeby Formation - Dolostone	Late Permian Epoch [Obsolete name]
10	284m N	CDF-DOLMST	Cadeby Formation - Dolomitic Limestone	Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

8

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.

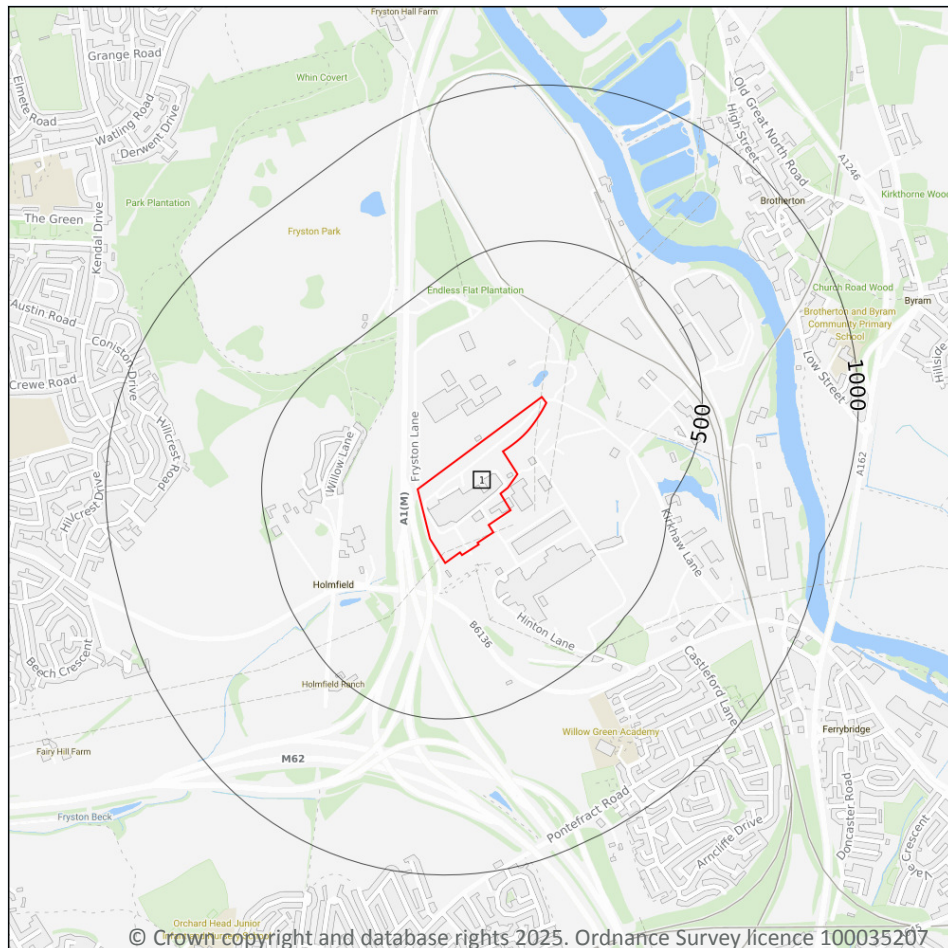
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 132 >](#)

ID	Location	Category	Description
4	169m NW	FAULT	Normal fault, inferred
5	211m NW	FAULT	Normal fault, inferred
6	216m NW	FAULT	Normal fault, inferred
8	222m W	FAULT	Normal fault, inferred; crossmarks on downthrow side
9	248m NW	FAULT	Normal fault, inferred
11	284m N	FAULT	Normal fault, inferred
12	284m N	FAULT	Normal fault, inferred
13	434m N	FAULT	Normal fault, 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.

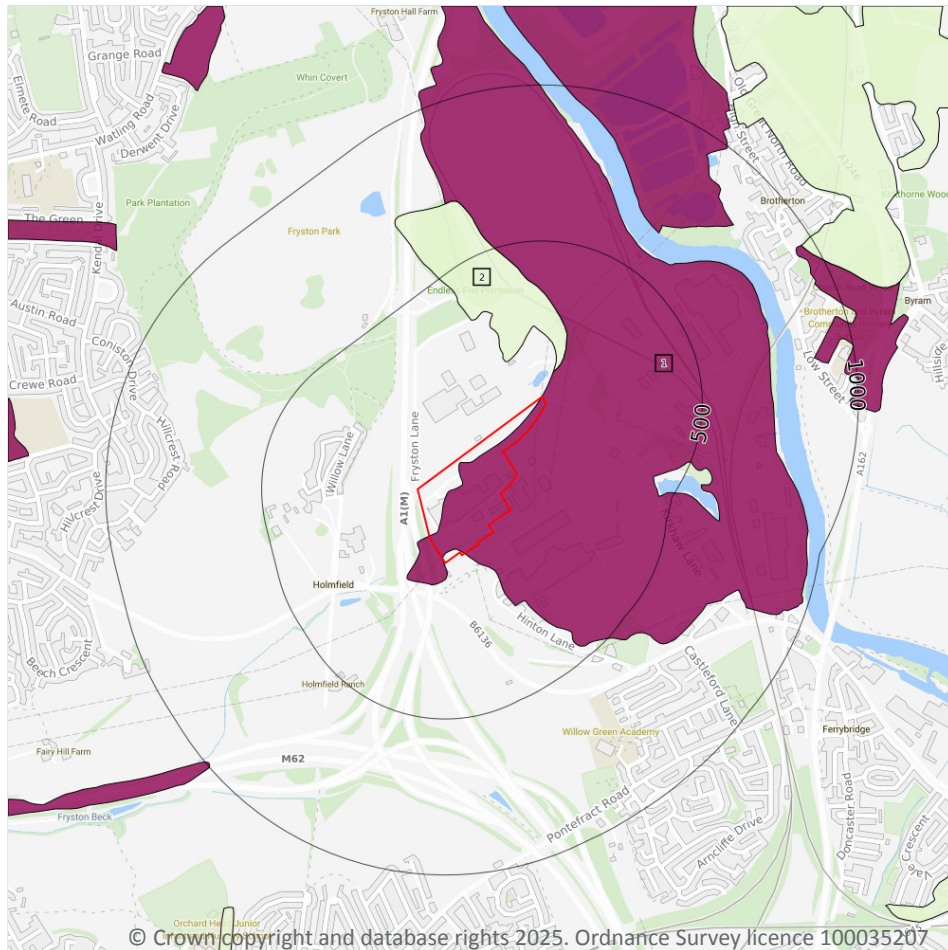
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 134](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW078_wakefield_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 135 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	90m NE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m**2**

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

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

This data is sourced from the British Geological Survey.




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


Records within 500m	3
---------------------	---

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 137](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
2	On site	GFDU-XSV	GLACIOFLUVIAL DEPOSITS	SAND AND GRAVEL
3	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL


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

Date: 21 October 2025



15.5 Superficial permeability (50k)

Records within 50m**4**

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

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

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)

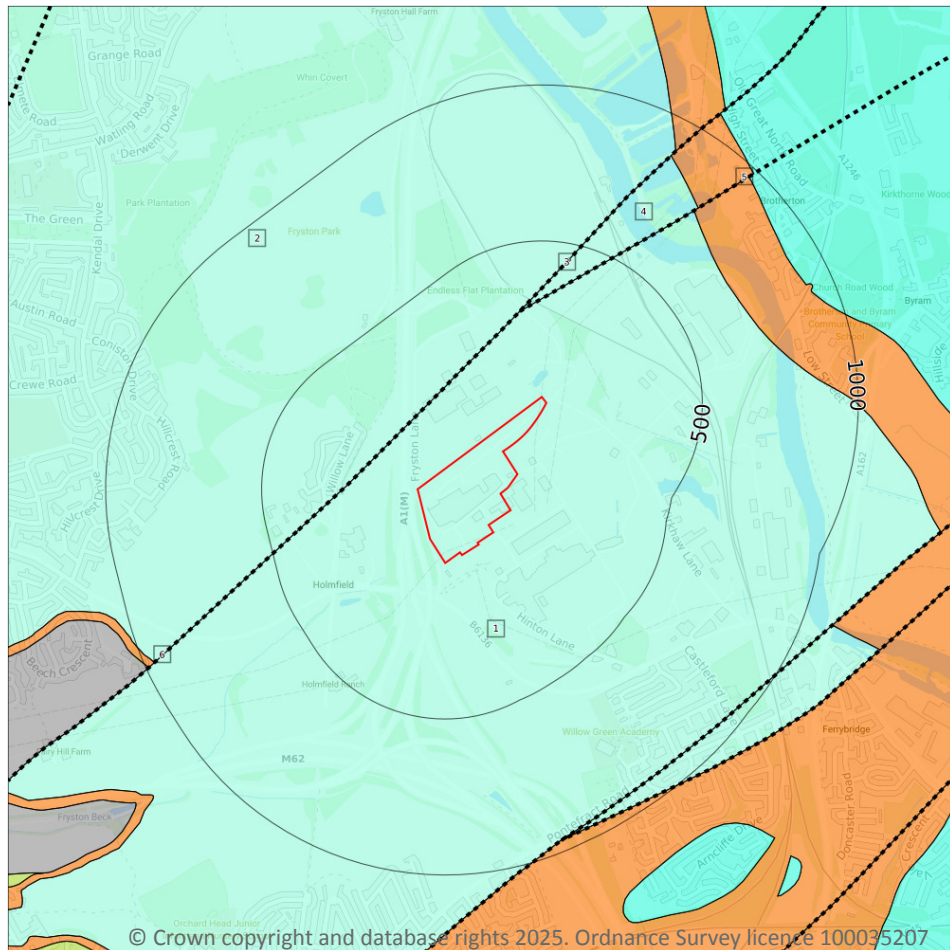
Records within 50m**0**

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

3

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 139](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CDF-DOLO	CADEBY FORMATION - DOLOSTONE	-
2	169m NW	CDF-DOLO	CADEBY FORMATION - DOLOSTONE	-
4	284m N	CDF-DOLO	CADEBY FORMATION - DOLOSTONE	-

This data is sourced from the British Geological Survey.



15.9 Bedrock 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 bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Very High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

3

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.

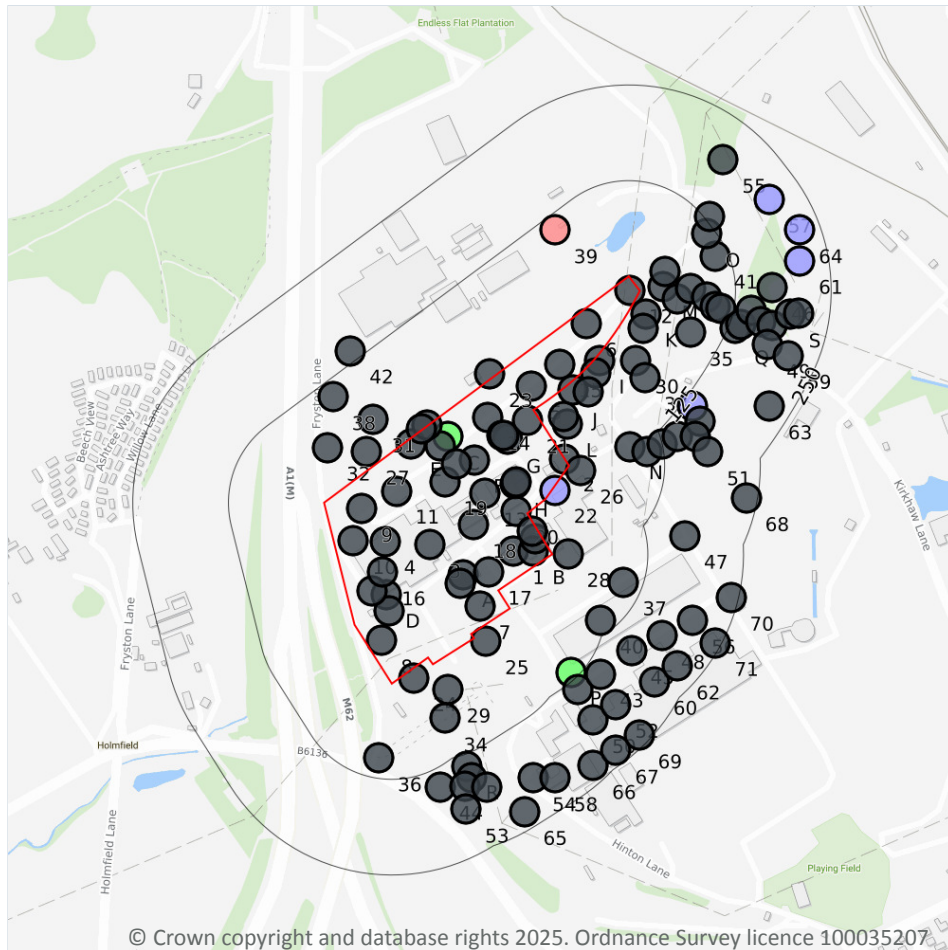
Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 139 >](#)

ID	Location	Category	Description
3	169m NW	FAULT	Fault, inferred
5	284m N	FAULT	Fault, inferred
6	409m W	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m

128

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 141](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	447276 424920	FERRYBRIDGE C POWER STATION	-	Y	N/A
2	On site	447342 425041	FERRYBRIDGE MULTIFUEL POWERSTATION TP111	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
3	On site	447167 424929	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH603	-	Y	N/A
4	On site	447108 424933	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH605	-	Y	N/A
5	On site	447299 425136	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH607	-	Y	N/A
6	On site	447371 425218	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH608	-	Y	N/A
7	On site	447232 424848	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH611	-	Y	N/A
8	On site	447104 424804	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS606	-	Y	N/A
9	On site	447078 424976	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS609	-	Y	N/A
10	On site	447067 424934	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS616	-	Y	N/A
11	On site	447123 424999	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS617	-	Y	N/A
12	On site	447428 425261	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP1	-	Y	N/A
13	On site	447238 424996	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP19	-	Y	N/A
14	On site	447242 425095	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS619	-	Y	N/A
15	On site	447336 425165	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS620	-	Y	N/A
16	On site	447105 424893	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS623	-	Y	N/A
17	On site	447244 424893	FERRYBRIDGE MULTIFUEL POWERSTATION WS102	-	Y	N/A
18	On site	447224 424955	FERRYBRIDGE MULTIFUEL POWERSTATION BH112	-	Y	N/A
19	On site	447186 425011	FERRYBRIDGE MULTIFUEL POWERSTATION BH101	-	Y	N/A
20	On site	447279 424973	FERRYBRIDGE MULTIFUEL POWERSTATION BH102	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
21	On site	447294 425091	FERRYBRIDGE MULTIFUEL POWERSTATION TP102	-	Y	N/A
A	On site	447210 424890	FERRYBRIDGE C POWER STATION J1	-	Y	N/A
A	On site	447206 424878	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS603	-	Y	N/A
B	On site	447302 424920	FERRYBRIDGE C POWER STATION	-	Y	N/A
B	On site	447304 424936	FERRYBRIDGE C POWER STATION	-	Y	N/A
B	On site	447300 424947	FERRYBRIDGE MULTIFUEL POWERSTATION BH103	-	Y	N/A
C	On site	447190 425070	FERRYBRIDGE 'C' POWER STATION, NOTTINGLEY	30.0	N	13472699 ↗
C	On site	447180 425058	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS618	-	Y	N/A
D	On site	447110 424863	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH604	-	Y	N/A
D	On site	447113 424843	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS614	-	Y	N/A
D	On site	447091 424868	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS615	-	Y	N/A
E	On site	447142 425061	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS610	-	Y	N/A
F	On site	447225 425039	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP17	-	Y	N/A
F	On site	447202 425035	FERRYBRIDGE MULTIFUEL POWERSTATION TP101	-	Y	N/A
G	On site	447268 425066	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP18	-	Y	N/A
G	On site	447261 425072	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS625	-	Y	N/A
G	On site	447263 425072	FERRYBRIDGE MULTIFUEL POWERSTATION BH113	-	Y	N/A
H	On site	447278 425008	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP20A	-	Y	N/A
H	On site	447280 425011	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP20B	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
E	1m NW	447163 425085	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH609	-	Y	N/A
E	2m NW	447155 425080	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS624	-	Y	N/A
22	3m SE	447330 425000	FERRYBRIDGE POWER STATION 'C'Y7	1.52	N	107746 ↗
23	6m NW	447245 425152	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS626	-	Y	N/A
I	7m SE	447389 425169	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS627	-	Y	N/A
J	10m SE	447354 425131	FERRYBRIDGE MULTIFUEL POWERSTATION BH105	-	Y	N/A
24	12m SE	447146 424754	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH613	-	Y	N/A
I	13m SE	447383 425153	FERRYBRIDGE MULTIFUEL POWERSTATION TP103	-	Y	N/A
25	16m E	447240 424803	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS605	-	Y	N/A
26	17m E	447364 425026	FERRYBRIDGE MULTIFUEL POWERSTATION BH110	-	Y	N/A
27	20m NW	447084 425050	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH610	-	Y	N/A
28	21m E	447347 424917	FERRYBRIDGE MULTIFUEL POWERSTATION BH104	-	Y	N/A
K	22m SE	447449 425230	FERRYBRIDGE MULTIFUEL POWERSTATION BH109	-	Y	N/A
J	24m SE	447373 425128	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS628	-	Y	N/A
L	27m NE	447346 425086	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP21	-	Y	N/A
K	27m SE	447445 425212	FERRYBRIDGE MULTIFUEL POWERSTATION TP104	-	Y	N/A
L	28m NE	447341 425096	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP22	-	Y	N/A
M	30m E	447471 425266	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS621	-	Y	N/A
29	38m SE	447190 424740	FERRYBRIDGE C POWER STATION K2	-	Y	N/A
M	42m NE	447474 425286	FERRYBRIDGE MULTIFUEL POWERSTATION TP105	-	Y	N/A
30	43m SE	447436 425170	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS629	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
31	50m NW	447092 425093	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS611	-	Y	N/A
M	50m E	447490 425250	FERRYBRIDGE OVERHEAD POWER LINE 8	-	Y	N/A
32	55m NW	447033 425056	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH612	-	Y	N/A
M	66m E	447507 425263	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP24	-	Y	N/A
33	67m SE	447448 425147	FERRYBRIDGE MULTIFUEL POWERSTATION TP405	-	Y	N/A
34	72m S	447186 424702	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS607	-	Y	N/A
N	83m E	447428 425057	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH602	-	Y	N/A
35	84m SE	447507 425206	FERRYBRIDGE MULTIFUEL POWERSTATION BH106	-	Y	N/A
M	87m E	447528 425252	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS622	-	Y	N/A
36	99m S	447100 424650	FERRYBRIDGE C POWER 400KV TOWERS	-	Y	N/A
37	100m E	447420 424880	FERRYBRIDGE C POWER STATION E2	-	Y	N/A
M	101m E	447540 425240	FERRYBRIDGE OVERHEAD POWER LINE 7	-	Y	N/A
N	103m E	447450 425050	FERRYBRIDGE OVERHEAD POWER LINE 11	-	Y	N/A
38	104m NW	447040 425122	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS612	-	Y	N/A
39	106m NW	447330 425340	FERRYBRIDGE POWER STATION A	56.0	N	107639 ↗
40	107m SE	447390 424830	FERRYBRIDGE C POWER STATION G2	-	Y	N/A
41	108m NE	447539 425306	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH606	-	Y	N/A
M	108m E	447547 425238	FERRYBRIDGE MULTI-FUEL POWER STATION BBBH1	-	Y	N/A
O	114m NE	447528 425335	FERRYBRIDGE MULTIFUEL POWERSTATION TP106	-	Y	N/A
P	116m SE	447351 424762	FERRY BRIDGE POWER STATION	25.0	N	21296262 ↗
N	125m E	447470 425060	FERRYBRIDGE OVERHEAD POWER LINE 10	-	Y	N/A
O	131m NE	447532 425358	FERRYBRIDGE MULTIFUEL POWERSTATION BH108	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
Q	134m E	447566 425211	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP2	-	Y	N/A
P	138m SE	447360 424740	FERRYBRIDGE C POWER STATION H3	-	Y	N/A
N	138m SE	447510 425110	FERRYBRIDGE POWER STATION 'C'Y6	1.82	N	107745 ↗
42	139m NW	447063 425182	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS613	-	Y	N/A
Q	139m E	447573 425217	FERRYBRIDGE MULTIFUEL POWERSTATION BH107	-	Y	N/A
R	141m S	447215 424639	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP12	-	Y	N/A
43	146m SE	447390 424760	FERRYBRIDGE C POWER STATION G3	-	Y	N/A
N	147m E	447490 425070	FERRYBRIDGE OVERHEAD POWER LINE 12	-	Y	N/A
Q	147m E	447586 425235	FERRYBRIDGE MULTIFUEL POWERSTATION BH406	-	Y	N/A
44	149m SE	447180 424612	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP15	-	Y	N/A
R	156m S	447221 424625	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS608	-	Y	N/A
N	158m SE	447520 425090	FERRYBRIDGE OVERHEAD POWER LINE 9	-	Y	N/A
Q	163m E	447599 425220	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP3	-	Y	N/A
45	163m SE	447430 424790	FERRYBRIDGE C POWER STATION F3	-	Y	N/A
R	165m SE	447213 424613	FERRYBRIDGE MULTI-FUEL POWER STATION BBBH2	-	Y	N/A
N	166m SE	447514 425070	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 BH601	-	Y	N/A
46	173m E	447614 425265	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS602	-	Y	N/A
47	175m E	447500 424940	FERRYBRIDGE C POWER STATION C2	-	Y	N/A
R	175m SE	447241 424612	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP14	-	Y	N/A
48	179m SE	447470 424810	FERRYBRIDGE C POWER STATION E3	-	Y	N/A
Q	179m E	447614 425215	FERRYBRIDGE MULTIFUEL POWERSTATION TP108	-	Y	N/A
49	181m SE	447608 425190	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP4	-	Y	N/A

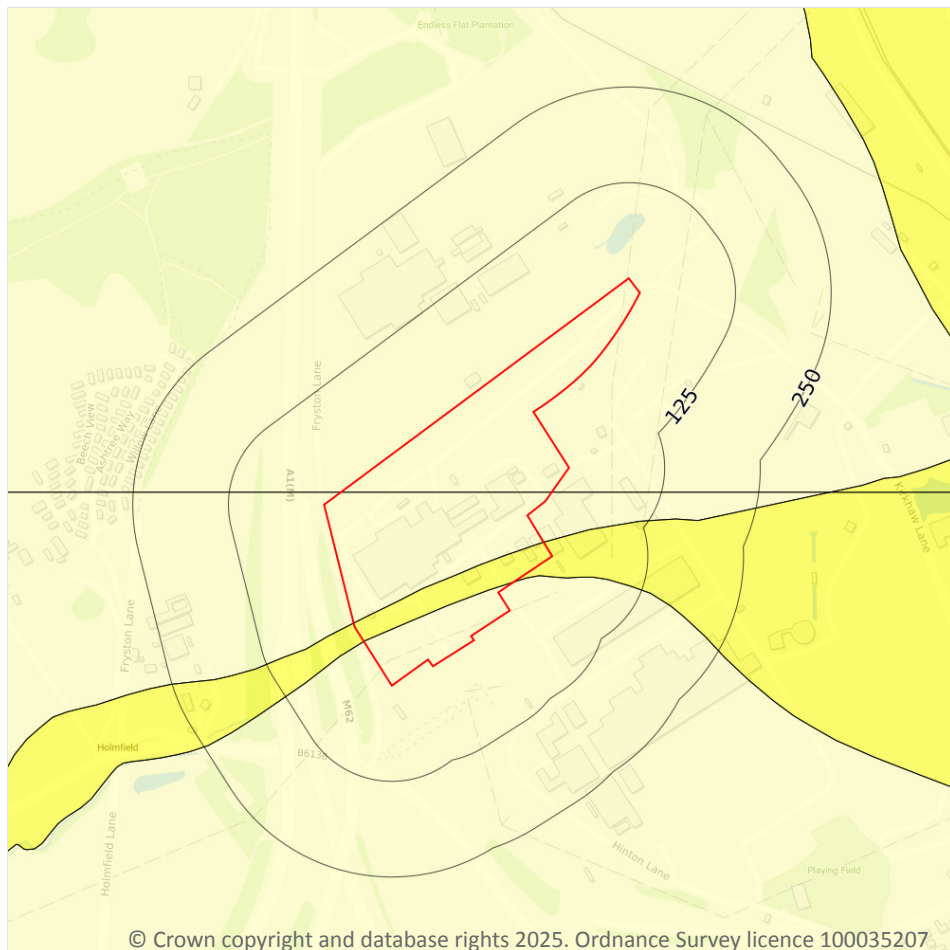


ID	Location	Grid reference	Name	Length	Confidential	Web link
50	182m SE	447380 424700	FERRYBRIDGE C POWER STATION H4	-	Y	N/A
51	182m E	447530 425050	FERRYBRIDGE POWER STATION 'C' B1	-	Y	N/A
52	187m SE	447410 424720	FERRYBRIDGE C POWER STATION G4	-	Y	N/A
53	191m SE	447214 424583	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP13	-	Y	N/A
54	196m SE	447302 424624	FERRYBRIDGE C POWER STATION	-	Y	N/A
55	196m NE	447550 425432	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP25	-	Y	N/A
S	198m E	447637 425230	FERRYBRIDGE MULTI-FUEL POWER STATION BBTP5	-	Y	N/A
56	203m SE	447510 424830	FERRYBRIDGE C POWER STATION D3	-	Y	N/A
57	207m NE	447610 425380	FERRYBRIDGE POWER STATION 'C'Y5	2.74	N	107744 ↗
S	209m E	447648 425231	FERRYBRIDGE MULTI-FUEL POWERSTATION - PHASE 2 WS601	-	Y	N/A
58	211m SE	447330 424624	FERRYBRIDGE C POWER STATION	-	Y	N/A
59	212m SE	447635 425176	FERRYBRIDGE MULTIFUEL POWERSTATION BH405	-	Y	N/A
60	212m SE	447460 424750	FERRYBRIDGE C POWER STATION F4	-	Y	N/A
61	213m E	447650 425300	FERRYBRIDGE B 27SKV SUBSTN BH2	10.0	N	107753 ↗
62	219m SE	447490 424770	FERRYBRIDGE C POWER STATION E4	-	Y	N/A
63	221m SE	447610 425110	FERRYBRIDGE POWER STATION 'C' A1	-	Y	N/A
64	224m E	447650 425340	FERRYBRIDGE B 27SKV SUBSTN BH1	10.0	N	107752 ↗
65	227m SE	447290 424580	FERRYBRIDGE C POWER STATION K5	-	Y	N/A
66	228m SE	447380 424640	FERRYBRIDGE C POWER STATION J5	-	Y	N/A
67	232m SE	447410 424660	FERRYBRIDGE C POWER STATION H5	-	Y	N/A
68	235m E	447580 424990	FERRYBRIDGE C POWER STATION B2	-	Y	N/A
69	236m SE	447440 424680	FERRYBRIDGE C POWER STATION G5	-	Y	N/A
70	240m E	447560 424860	FERRYBRIDGE C POWER STATION C3	-	Y	N/A
71	243m SE	447540 424800	FERRYBRIDGE C POWER STATION D4	-	Y	N/A

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

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

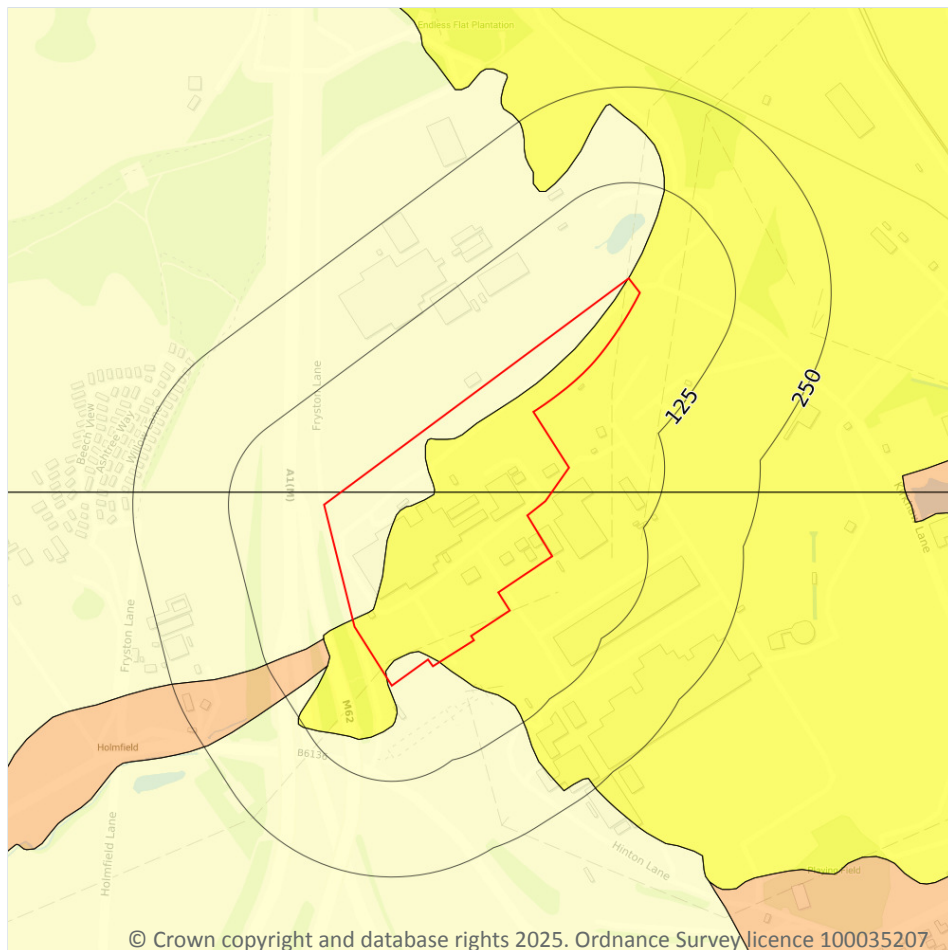
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 148 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

3

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 149](#) >

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

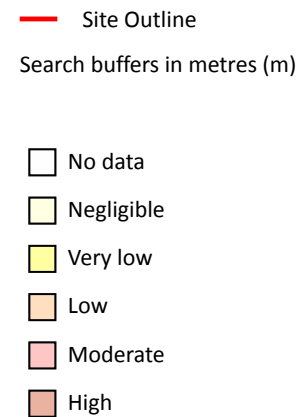
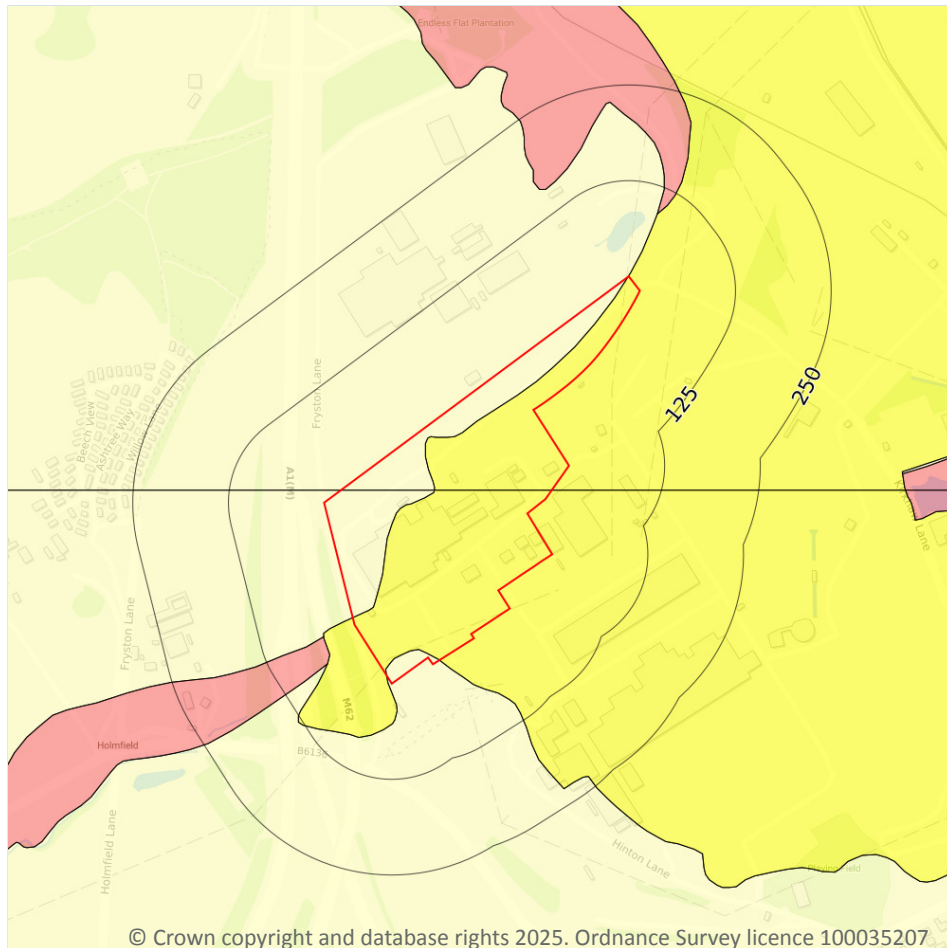


Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
43m W	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

3

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 151](#) >

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

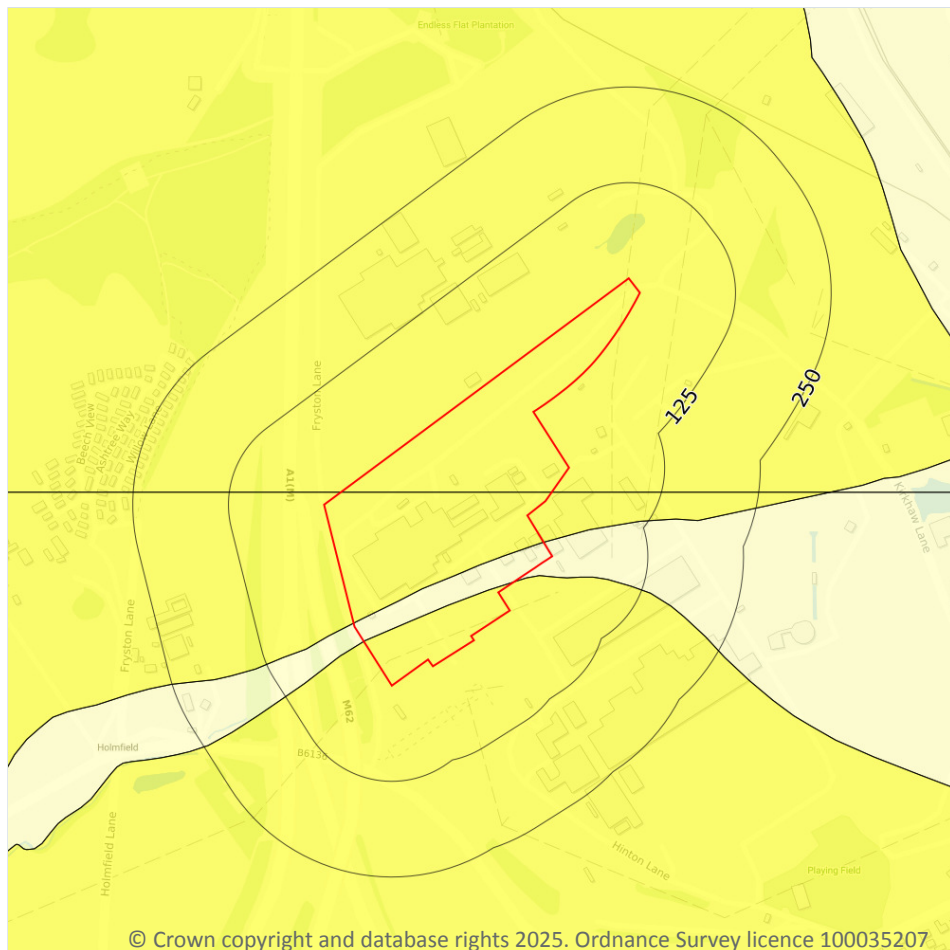


Location	Hazard rating	Details
43m W	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

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

2

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

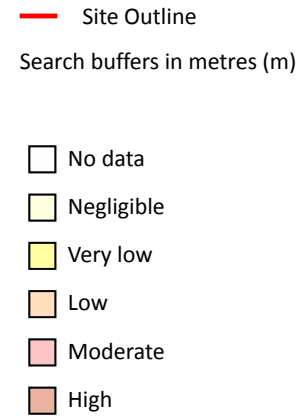
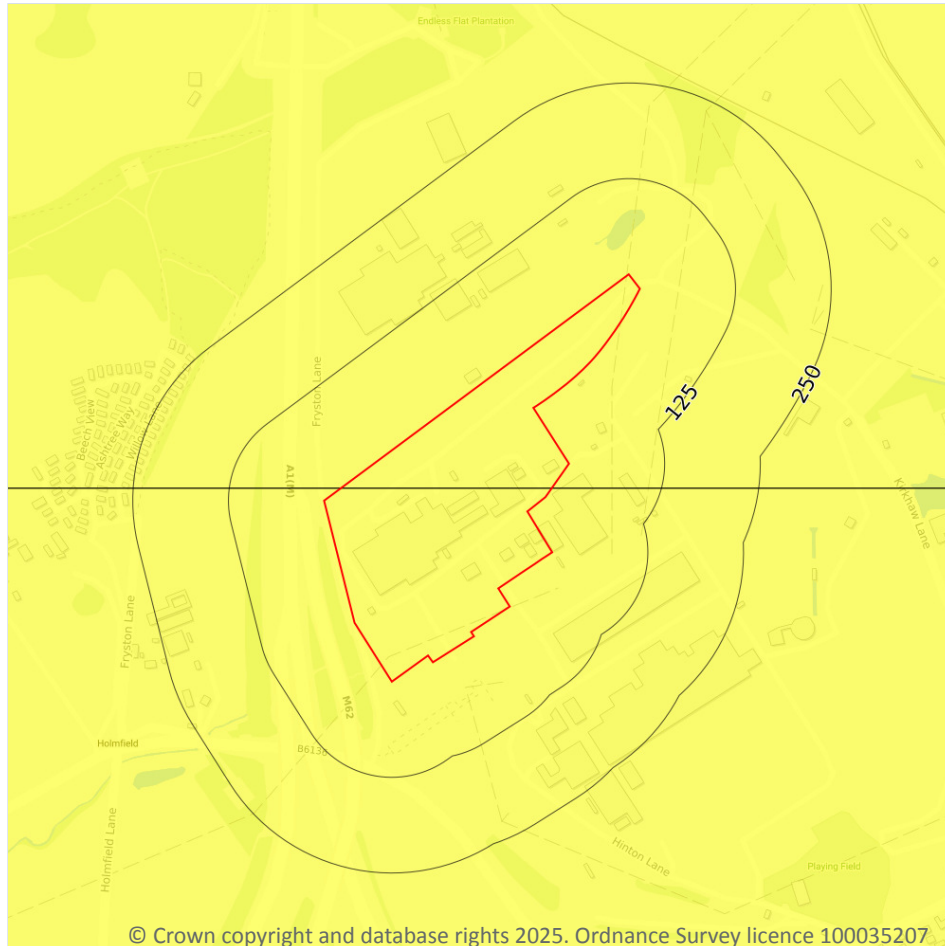
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 153](#) >

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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.

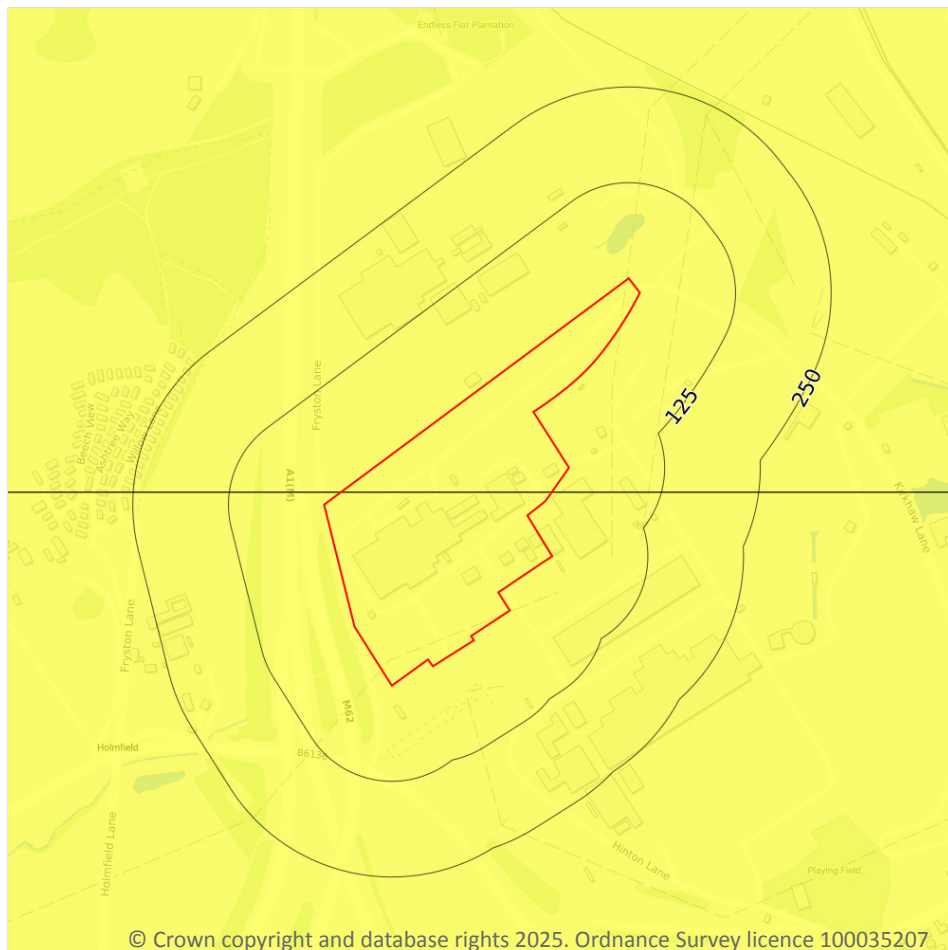
Features are displayed on the Natural ground subsidence - Landslides map on [page 154](#) >

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 155](#) >

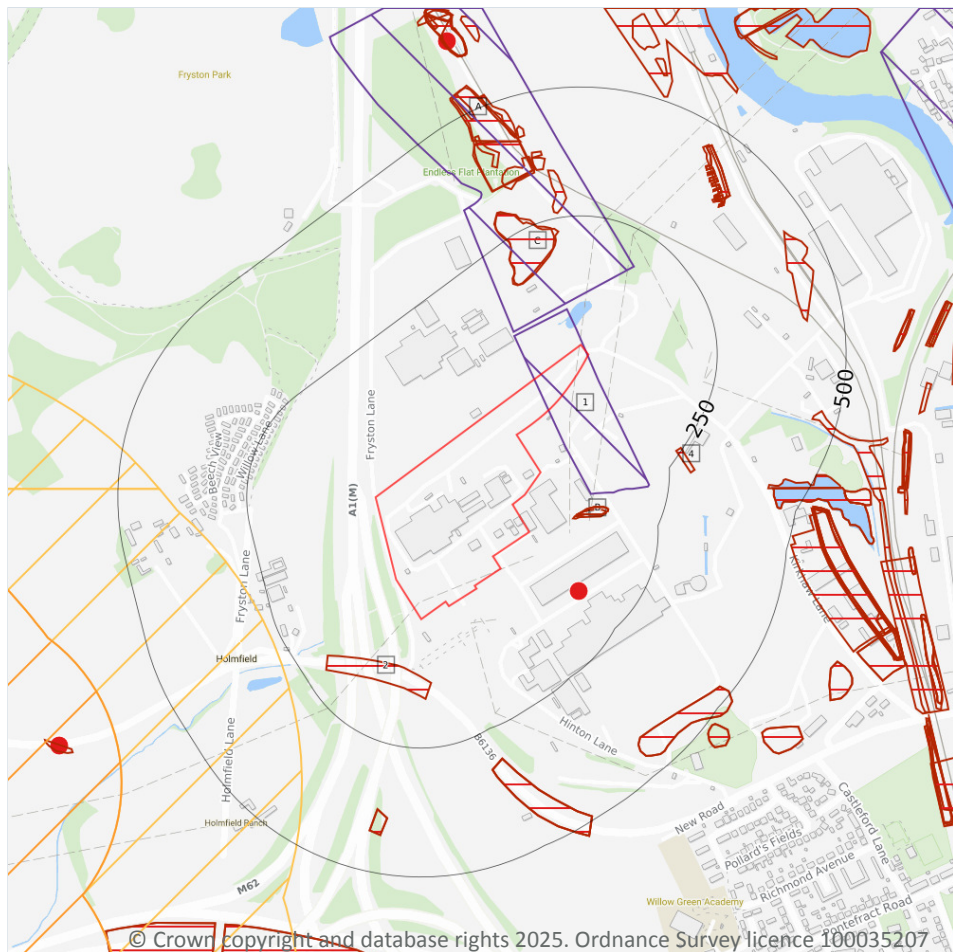
Location	Hazard rating	Details
On site	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- ▨ Surface ground workings
- ▨ Underground workings
- ▨ Underground mining extents
- ▨ Historical mineral planning areas
- ▨ TCA non-coal mining
- Non Coal Mining
- ▨ Sporadic underground mining of restricted extent possible
- ▨ Localised small scale underground mining possible
- ▨ Small scale mining possible
- ▨ Underground mining known or likely within or in close proximity
- ▨ Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

1

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

Features are displayed on the Mining and ground workings map on [page 157 >](#)

ID	Location	Details	Description
3	149m SE	Name: Ferrybridge C Power Station Desulphurisation Plant Address: Stranglands Lane, KNOTTINGLEY, West Yorkshire, WF11 8SQ Commodity: Desulphogypsum Status: Inactive	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash. Status description: Site which is not currently extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered 'Mothballed' by operator. May be considered to have 'Active' or 'Dormant' planning permission by the Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	8
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Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 157 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
B	89m E	Pond	1938	1:10560
B	96m E	Pond	1956	1:10560
B	96m E	Pond	1953	1:10560
B	96m E	Pond	1965	1:10560
2	100m S	Cuttings	1965	1:10560
C	162m NW	Sand and Gravel Pits	1953	1:10560
C	164m NW	Sand and Gravel Pits	1950	1:10560
4	242m SE	Water Body	1982	1:10000

This data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	5
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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 and ground workings map on [page 157 >](#)



ID	Location	Land Use	Year of mapping	Mapping scale
-	927m NE	Tunnel	1950	1:10560
-	927m NE	Tunnel	1905	1:10560
-	927m NE	Tunnel	1891	1:10560
-	930m NE	Tunnel	1953	1:10560
-	957m NE	Tunnel	1950	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0
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This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	2
----------------------------	----------

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.

Features are displayed on the Mining and ground workings map on [page 157 >](#)

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	On site	Ferry Fryston	Sand and gravel	Surface mineral working	Application	Not available
A	85m NW	Ferry Fryston	Sand and gravel	Surface mineral working	Valid	Not available

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

3

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

Features are displayed on the Mining and ground workings map on [page 157 >](#)

ID	Location	Name	Commodity	Class	Likelihood
6	267m SW	Not available	Sand	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
8	420m W	Not available	Sand	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
15	617m SW	Not available	Sand	C	Underground mine workings may have occurred in the past, or current mines may be operating to modern engineering standards. Potential for difficult ground conditions should be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

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



This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

5

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

Location	Mineral
On site	Coal
On site	Coal
On site	Coal
On site	Coal
318m N	Sand

This data is sourced from Groundsure.



18.12 Coal mining

Records on site	1
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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.

18.13 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

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

18.14 Gypsum areas

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

This data is sourced from British Gypsum.

18.15 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

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

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



19 Ground cavities and sinkholes



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- Mining cavities
- Reported recent incidents
- Historical incidents

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

1

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 Ground cavities and sinkholes map on [page 163](#) >

ID	Location	Mine Address	Mineral
1	762m NE	Brotherton, North Yorkshire	-

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

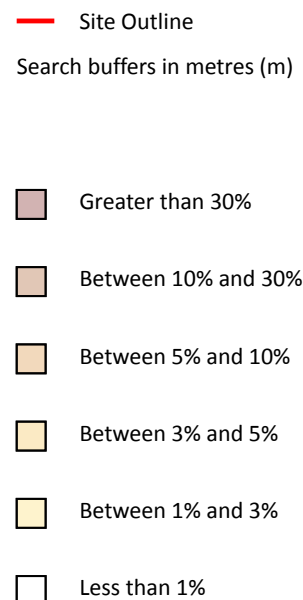
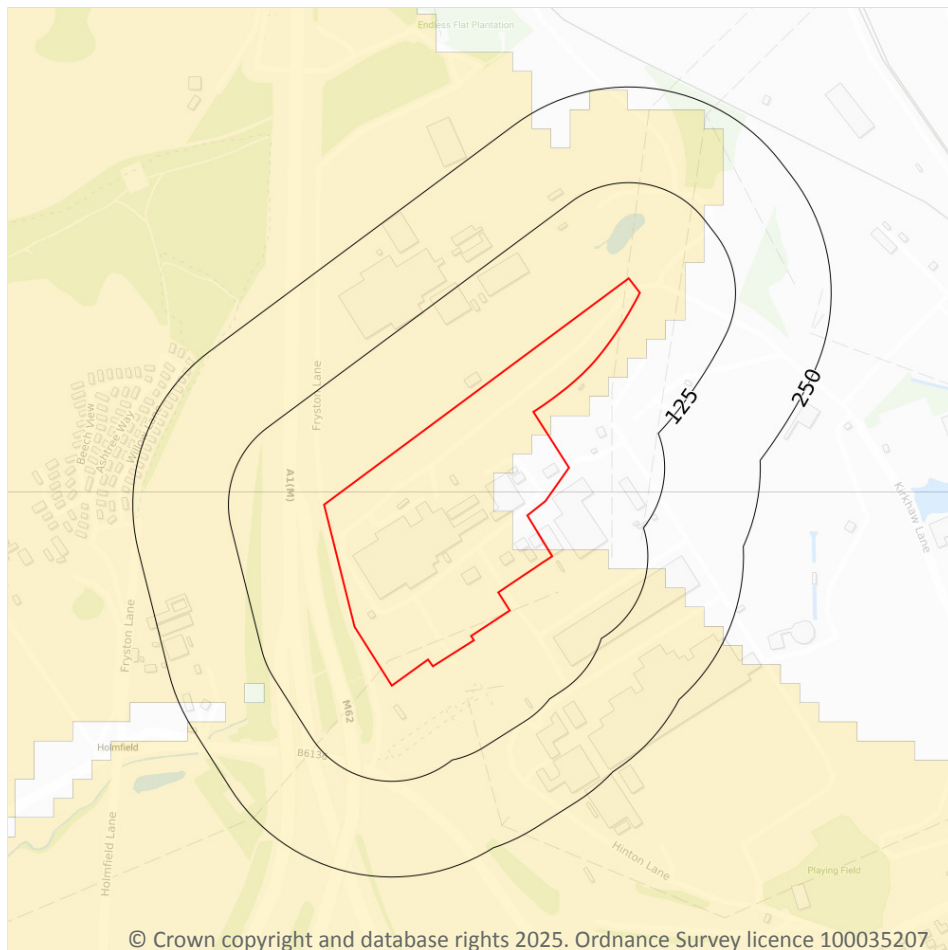
This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a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

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

This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

2

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 165](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None



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

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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

12

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	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	2.2 - 3.0 mg/kg	40 - 60 mg/kg	15 mg/kg
29m W	25 - 35 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 - 2.2 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
33m NW	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 - 2.2 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
33m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg



This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

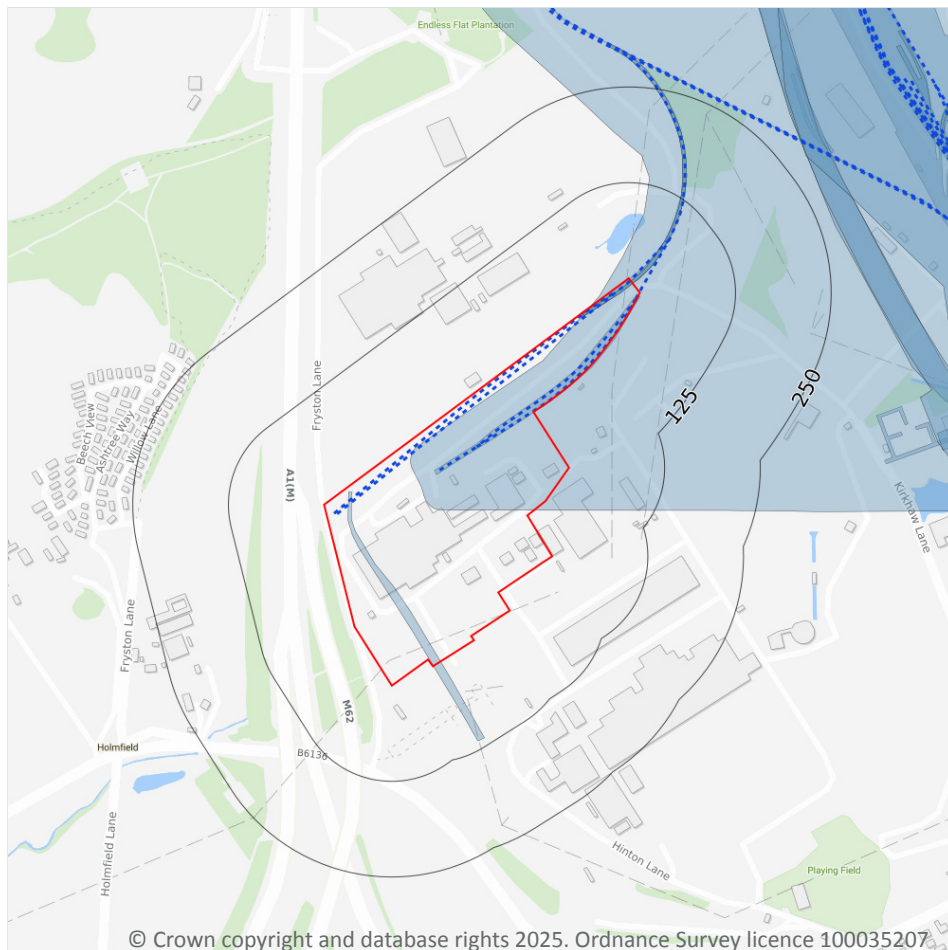
0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



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

22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

6

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 169](#) >

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1972	1250
On site	Railway Sidings	1985	1250
On site	Railway Sidings	1973	2500
On site	Railway Sidings	1970	2500
On site	Railway Sidings	1968	2500
On site	Railway Sidings	1982	10000

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.



22.6 Historical railways

Records within 250m **0**

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m **6**

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 169 >](#)

Location	Name	Type
On site		rail
On site		rail
On site		rail
On site		rail
On site		rail
On site		rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m **0**

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

This data is sourced from publicly available information by Groundsure.

22.9 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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