The Coal Authority

CON29M
coal mining report

PENNINE VIEW, STAINCROSS, BARNSLEY, S75 5AT

Known or potential coal mining risks

Further action

These additional reports can give further detail on the risks identified:

- Subsidence claims history
- Subsidence claims 50m buffer report

For more information please see our Further action reports on page 10

Professional opinion

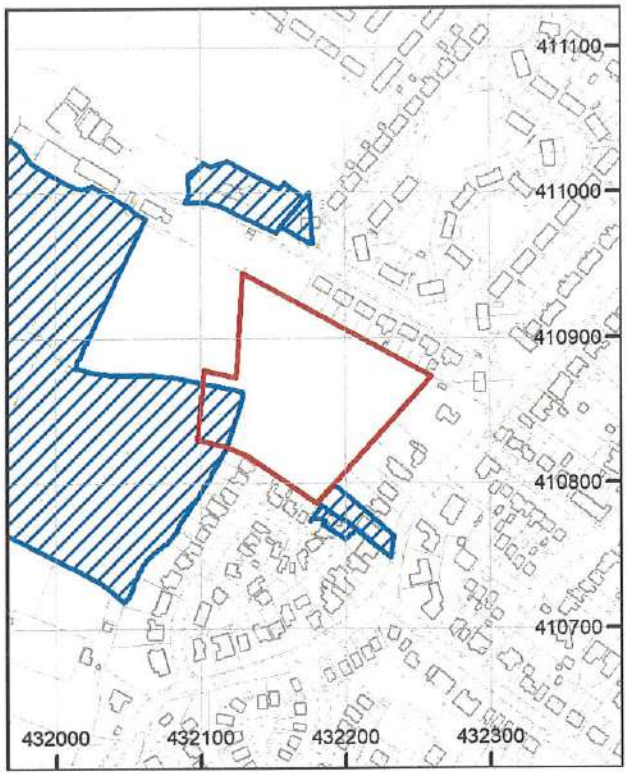
According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. In view of the coal mining circumstances we would recommend that any planned or future development should follow detailed technical advice before beginning work on site. Please see **page 3** for further details on **Future development**.

Enquiry boundary

Key

Approximate position of enquiry boundary shown

Coal claims



We can confirm that the location is **on the coalfield**

Map data

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Accessibility

If you would like this information in an alternative format, please contact our communications team on **0345 762 6848** or email **communications@coal.gov.uk**.

Professional opinion

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on 0345 762 6848 or email cmra@coal.gov.uk.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 10 seams of coal at 40m to 490m depth, and last worked in 1987.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

In addition the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk. Your attention is drawn to the Professional opinion sections of the report.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

This information is based on the information that the Coal Authority has at the time of this enquiry.

Based on the Coal Authority's knowledge of the mining circumstances at the time of this enquiry, there may be unrecorded mine entries in the local area that do not appear on Coal Authority records.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is within the boundary of an opencast site from which coal has been removed by opencast methods.

The property is within the boundary of an opencast site from which coal has been removed by opencast methods.

The property is within the boundary of an opencast site from which coal has been removed by opencast methods.

The property is within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

A damage notice or claim for alleged subsidence damage was made in August 1999 for 197 SACKUP LANE, DARTON, BARNSLEY, SOUTH YORKSHIRE, S75 5AU. However, the claim was rejected.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

A damage notice or claim for alleged subsidence damage was made in February 1998 for FIELDS OS 0004 0082 8883 LAND ADJ CONISTON AVENUE, DARTON, BARNSLEY, SOUTH YORKSHIRE, S75 5BB. However, the claim was rejected.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

There are a further 3 claims within 50 metres of the property boundary that do not match the property address. These are shown on the enquiry boundary plot.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

If further subsidence damage claims information is required, please visit www.groundstability.com.

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

The property is in an area where notices to withdraw support were given in 1978 and 1982.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Statutory cover

Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.
www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form

Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary

Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings

Further action reports

Subsidence claims history - gives unique copies of original documents from the subsidence claim file in the Coal Authority archives . To order this report, use the boundary and address of where the claim was made.

For more information and to order this report please visit:
https://www2.groundstability.com/subsidence-claims-history

Subsidence claims 50m buffer report - gives information on coal mining subsidence claims within 50 metres of the property boundary. To order this report, use the same boundary as the CON29M mining report.

For more information and to order this report please visit:
https://www2.groundstability.com/subsidence-50m-buffer

APPENDIX E

Groundsure Report

Historical Plans

Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

PENNINE VIEW, STAINCROSS, BARNSLEY, S75 5AT

Order Details

Date: 01/06/2021

Your ref: BARRATT_7786

Our Ref: GS-7911605

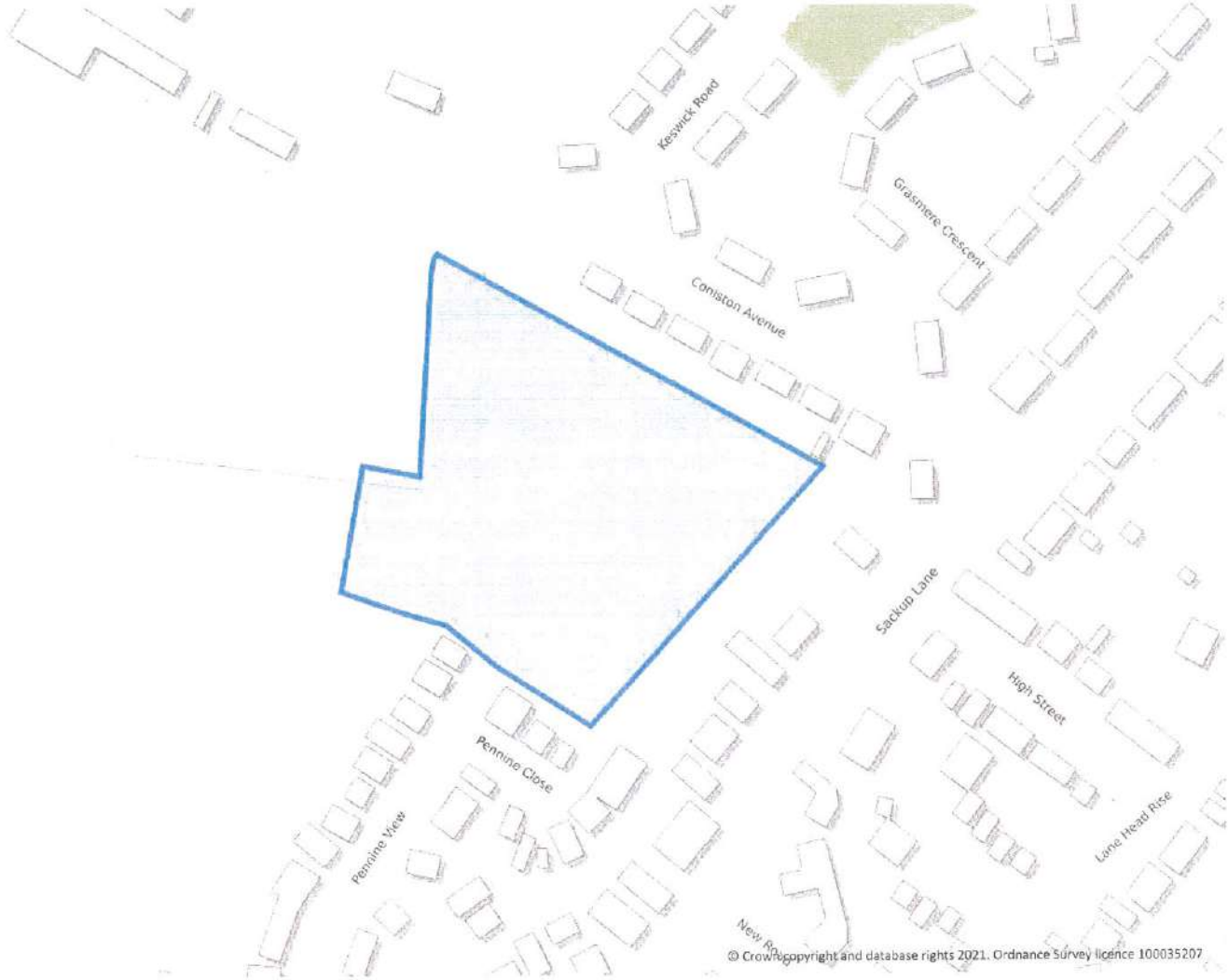
Client: Haigh Huddleston & Associates

Site Details

Location: 432182 410876

Area: 1.35 ha

Authority: Barnsley Metropolitan Borough Council



Contact us with any questions at:
info@groundsure.com
08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	Historical industrial land uses	0	1	15	49	-
16	1.2	Historical tanks	0	0	3	1	-
16	1.3	Historical energy features	0	0	1	3	-
17	1.4	Historical petrol stations	0	0	0	0	-
17	1.5	Historical garages	0	0	0	0	-
17	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
18	2.1	Historical industrial land uses	0	1	22	71	-
22	2.2	Historical tanks	0	0	4	1	-
22	2.3	Historical energy features	0	0	3	11	-
23	2.4	Historical petrol stations	0	0	0	0	-
23	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
24	3.1	Active or recent landfill	0	0	0	0	-
24	3.2	Historical landfill (BGS records)	0	0	0	0	-
25	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
25	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
25	3.5	Historical waste sites	0	0	0	0	-
25	3.6	Licensed waste sites	0	0	0	0	-
25	3.7	Waste exemptions	0	0	47	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
32	4.1	Recent industrial land uses	0	0	3	-	-
33	4.2	Current or recent petrol stations	0	0	0	0	-
33	4.3	Electricity cables	0	0	0	0	-
33	4.4	Gas pipelines	0	0	0	0	-
33	4.5	Sites determined as Contaminated Land	0	0	0	0	-

33	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
34	4.7	Regulated explosive sites	0	0	0	0	-
34	4.8	Hazardous substance storage/usage	0	0	0	0	-
34	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
34	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
34	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
35	4.12	Radioactive Substance Authorisations	0	0	0	0	-
35	**4.13**	**Licensed Discharges to controlled waters**	0	0	0	4	-
36	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
36	4.15	Pollutant release to public sewer	0	0	0	0	-
36	4.16	List 1 Dangerous Substances	0	0	0	0	-
36	4.17	List 2 Dangerous Substances	0	0	0	0	-
36	**4.18**	**Pollution Incidents (EA/NRW)**	0	0	0	1	-
37	4.19	Pollution inventory substances	0	0	0	0	-
37	4.20	Pollution inventory waste transfers	0	0	0	0	-
37	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
38	5.1	Superficial aquifer	None (within 500m)				
39	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
40	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
41	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
41	5.5	Groundwater vulnerability- local information	None (within 0m)				
42	**5.6**	**Groundwater abstractions**	0	0	0	0	2
43	5.7	Surface water abstractions	0	0	0	0	0
43	5.8	Potable abstractions	0	0	0	0	0
44	5.9	Source Protection Zones	0	0	0	0	-
44	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
45	**6.1**	**Water Network (OS MasterMap)**	1	0	1	-	-

46	6.2	Surface water features	1	0	2	-	-
46	6.3	WFD Surface water body catchments	1	-	-	-	-
46	6.4	WFD Surface water bodies	0	0	0	-	-
47	6.5	WFD Groundwater bodies	1	-	-	-	-

Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
48	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
48	7.2	Historical Flood Events	0	0	0	-	-
48	7.3	Flood Defences	0	0	0	-	-
48	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
49	7.5	Flood Storage Areas	0	0	0	-	-
50	7.6	Flood Zone 2	None (within 50m)				
50	7.7	Flood Zone 3	None (within 50m)				

Page	Section	Surface water flooding	
51	8.1	Surface water flooding	Negligible (within 50m)

Page	Section	Groundwater flooding	
52	9.1	Groundwater flooding	Negligible (within 50m)

Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
53	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
54	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
54	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
54	10.4	Special Protection Areas (SPA)	0	0	0	0	0
54	10.5	National Nature Reserves (NNR)	0	0	0	0	0
55	10.6	Local Nature Reserves (LNR)	0	0	0	0	1
55	10.7	Designated Ancient Woodland	0	0	0	1	5
55	10.8	Biosphere Reserves	0	0	0	0	0
56	10.9	Forest Parks	0	0	0	0	0
56	10.10	Marine Conservation Zones	0	0	0	0	0
56	10.11	Green Belt	1	0	0	2	0
56	10.12	Proposed Ramsar sites	0	0	0	0	0

57	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
57	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
57	10.15	Nitrate Sensitive Areas	0	0	0	0	0
57	**10.16**	**Nitrate Vulnerable Zones**	1	0	1	0	1
59	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
60	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
61	11.1	World Heritage Sites	0	0	0	-	-
61	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
61	11.3	National Parks	0	0	0	-	-
61	11.4	Listed Buildings	0	0	0	-	-
62	11.5	Conservation Areas	0	0	0	-	-
62	11.6	Scheduled Ancient Monuments	0	0	0	-	-
62	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
63	**12.1**	**Agricultural Land Classification**	Urban (within 250m)				
64	12.2	Open Access Land	0	0	0	-	-
64	12.3	Tree Felling Licences	0	0	0	-	-
64	12.4	Environmental Stewardship Schemes	0	0	0	-	-
64	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
65	**13.1**	**Priority Habitat Inventory**	0	0	1	-	-
66	13.2	Habitat Networks	0	0	0	-	-
66	13.3	Open Mosaic Habitat	0	0	0	-	-
66	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
67	**14.1**	**10k Availability**	Identified (within 500m)				
68	**14.2**	**Artificial and made ground (10k)**	2	0	3	3	-
70	14.3	Superficial geology (10k)	0	0	0	0	-

70	14.4	Landslip (10k)	0	0	0	0	-
71	14.5	Bedrock geology (10k)	4	3	14	19	-
74	14.6	Bedrock faults and other linear features (10k)	6	6	22	13	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
76	15.1	50k Availability	Identified (within 500m)				
77	15.2	Artificial and made ground (50k)	1	1	3	2	-
78	15.3	Artificial ground permeability (50k)	1	1	-	-	-
79	15.4	Superficial geology (50k)	0	0	0	0	-
79	15.5	Superficial permeability (50k)	None (within 50m)				
79	15.6	Landslip (50k)	0	0	0	0	-
79	15.7	Landslip permeability (50k)	None (within 50m)				
80	15.8	Bedrock geology (50k)	3	1	13	16	-
82	15.9	Bedrock permeability (50k)	Identified (within 50m)				
83	15.10	Bedrock faults and other linear features (50k)	4	4	17	18	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
85	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
86	17.1	Shrink swell clays	Very low (within 50m)				
87	17.2	Running sands	Very low (within 50m)				
89	17.3	Compressible deposits	Moderate (within 50m)				
91	17.4	Collapsible deposits	Very low (within 50m)				
92	17.5	Landslides	Low (within 50m)				
94	17.6	Ground dissolution of soluble rocks	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
95	18.1	Natural cavities	0	0	0	0	-
96	18.2	BritPits	0	0	1	1	-
96	18.3	Surface ground workings	0	0	19	-	-
97	18.4	Underground workings	0	0	0	5	35
99	18.5	Historical Mineral Planning Areas	0	0	0	0	-

99	**18.6**	**Non-coal mining**	1	2	1	0	4
100	18.7	Mining cavities	0	0	0	0	0
100	18.8	JPB mining areas	None (within 0m)				
101	**18.9**	**Coal mining**	Identified (within 0m)				
101	18.10	Brine areas	None (within 0m)				
101	18.11	Gypsum areas	None (within 0m)				
101	18.12	Tin mining	None (within 0m)				
101	18.13	Clay mining	None (within 0m)				

Page	Section	Radon	
102	**19.1**	**Radon**	Between 1% and 3% (within 0m)

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
103	**20.1**	**BGS Estimated Background Soil Chemistry**	2	2	-	-	-
103	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
104	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
105	21.1	Underground railways (London)	0	0	0	-	-
105	21.2	Underground railways (Non-London)	0	0	0	-	-
105	21.3	Railway tunnels	0	0	0	-	-
105	21.4	Historical railway and tunnel features	0	0	0	-	-
105	21.5	Royal Mail tunnels	0	0	0	-	-
106	21.6	Historical railways	0	0	0	-	-
106	21.7	Railways	0	0	0	-	-
106	21.8	Crossrail 1	0	0	0	0	-
106	21.9	Crossrail 2	0	0	0	0	-
106	21.10	HS2	0	0	0	0	-

Recent aerial photograph

Capture Date: 01/07/2018

Site Area: 1.35ha

Recent site history - 2012 aerial photograph

Capture Date: 26/03/2012

Site Area: 1.35ha

Recent site history - 2009 aerial photograph

Capture Date: 11/09/2009

Site Area: 1.35ha

Recent site history - 1999 aerial photograph

Capture Date: 10/07/1999

Site Area: 1.35ha

OS MasterMap site plan

Site Area: 1.35ha

1 Past land use

1.1 Historical industrial land uses

Records within 500m	65

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
A	4m SE	Unspecified Works	1965	1493827

ID	Location	Land use	Dates present	Group ID
A	53m SE	Chaplet and Gas Hook Works	1948	1458891
B	55m SE	Unspecified Works	1904	1529107
A	56m SE	Chaplet and Gas Hook Works	1951	1532406
A	57m SE	Chaplet and Gas Hook Works	1938	1549119
A	58m SE	Unspecified Works	1930	1487929
B	134m SE	Unspecified Heap	1948 - 1951	1541198
B	138m SE	Unspecified Heap	1938	1490465
B	138m SE	Unspecified Heap	1930	1469202
C	184m SE	Unspecified Quarry	1948	1510710
C	198m SE	Unspecified Quarry	1951	1499640
C	199m SE	Unspecified Ground Workings	1930	1494977
C	200m SE	Unspecified Quarry	1938	1546539
C	201m SE	Unspecified Quarry	1891 - 1904	1477765
C	206m SE	Unspecified Quarry	1965	1488377
D	233m SE	Sandstone Quarry	1854	1461403
D	261m SE	Water Works Reservoirs	1930	1519440
D	264m SE	Unspecified Heap	1965	1417528
E	270m SW	Unspecified Levels	1938	1473191
F	271m NE	Refuse Heap	1904	1437977
F	276m NE	Unspecified Heap	1930 - 1948	1534044
F	280m NE	Unspecified Heap	1948	1493014
F	284m NE	Unspecified Heap	1951 - 1965	1489350
G	297m SW	Tramway Sidings	1930 - 1938	1506500
D	302m SE	Unspecified Quarry	1904	1508305
D	302m SE	Unspecified Quarry	1948	1555612
D	304m SE	Unspecified Quarry	1965	1545484
F	308m NE	Unspecified Old Shaft	1938	1508455
F	309m NE	Old Coal Shaft	1904	1411680

ID	Location	Land use	Dates present	Group ID
F	309m NE	Unspecified Old Shaft	1948	1418311
F	310m NE	Unspecified Old Shaft	1930	1495156
E	311m SW	Unspecified Levels	1930	1440500
F	315m NE	Unspecified Old Shaft	1951	1418314
H	318m NW	Refuse Heap	1930	1539368
E	320m SW	Unspecified Levels	1930	1440499
H	322m NW	Refuse Heap	1938	1524704
H	325m NW	Refuse Heap	1948	1531451
H	327m NW	Refuse Heap	1965	1534143
H	327m NW	Refuse Heap	1951	1460092
H	346m NW	Sewage Works	1938	1517746
H	347m NW	Rural District Council Sewage Works	1930	1433254
H	350m NW	Sewage Works	1951	1491578
H	351m NW	Sewage Works	1948	1557455
G	373m SW	Unspecified Level	1930	1536487
G	377m SW	Unspecified Level	1938	1486555
I	378m SE	Old Coal Pit	1904	1486756
I	378m SE	Unspecified Heap	1948	1508936
I	378m SE	Unspecified Heap	1891	1548548
I	381m SE	Unspecified Heap	1930	1464688
I	381m SE	Unspecified Heap	1951	1546687
I	382m SE	Old Coal Pit	1854	1546194
I	382m SE	Old Coal Pit	1854	1513425
I	382m SE	Unspecified Heap	1938	1525354
J	437m S	Unspecified Pit	1948	1487219
J	437m S	Unspecified Pit	1891	1509299
J	437m S	Unspecified Quarry	1904	1524360
J	441m S	Unspecified Quarry	1951	1478132

ID	Location	Land use	Dates present	Group ID
J	444m S	Unspecified Pit	1930	1512473
J	445m S	Unspecified Quarry	1938	1459261
J	446m S	Sandstone Quarry	1854	1451546
5	453m S	Sandstone Quarry	1854	1451547
J	490m S	Railway Sidings	1951	1505579
7	497m W	Unspecified Hole	1904	1423047
J	498m S	Unspecified Levels	1948	1538090
J	499m S	Unspecified Levels	1938	1491768

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m 4

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
D	241m SE	Unspecified Tank	1982 - 1984	233635
1	241m S	Unspecified Tank	1906	228896
D	241m SE	Unspecified Tank	1978	242406
H	361m NW	Unspecified Tank	1913	228895

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m 4

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or

succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
2	248m NE	Electricity Substation	1977 - 1994	146705
3	282m NE	Electricity Substation	1978	131068
4	376m S	Electricity Substation	1978 - 1999	138096
6	480m E	Electricity Substation	1978	131069

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

2.1 Historical industrial land uses

Records within 500m 94

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 18**

ID	Location	Land Use	Date	Group ID
A	4m SE	Unspecified Works	1965	1493827
A	53m SE	Chaplet and Gas Hook Works	1948	1458891
B	55m SE	Unspecified Works	1904	1529107

ID	Location	Land Use	Date	Group ID
A	56m SE	Chaplet and Gas Hook Works	1951	1532406
A	57m SE	Chaplet and Gas Hook Works	1938	1549119
A	58m SE	Unspecified Works	1930	1487929
B	134m SE	Unspecified Heap	1948	1541198
B	136m SE	Unspecified Heap	1951	1541198
B	138m SE	Unspecified Heap	1938	1490465
B	138m SE	Unspecified Heap	1938	1490465
B	138m SE	Unspecified Heap	1930	1469202
C	184m SE	Unspecified Quarry	1948	1510710
C	198m SE	Unspecified Quarry	1951	1499640
C	199m SE	Unspecified Ground Workings	1930	1494977
C	199m SE	Unspecified Ground Workings	1930	1494977
C	199m SE	Unspecified Ground Workings	1930	1494977
C	199m SE	Unspecified Ground Workings	1930	1494977
C	200m SE	Unspecified Quarry	1938	1546539
C	201m SE	Unspecified Quarry	1904	1477765
C	201m SE	Unspecified Quarry	1891	1477765
C	206m SE	Unspecified Quarry	1965	1488377
D	233m SE	Sandstone Quarry	1854	1461403
D	233m SE	Sandstone Quarry	1854	1461403
D	261m SE	Water Works Reservoirs	1930	1519440
D	261m SE	Water Works Reservoirs	1930	1519440
D	264m SE	Unspecified Heap	1965	1417528
F	270m SW	Unspecified Levels	1938	1473191
F	270m SW	Unspecified Levels	1938	1473191
G	271m NE	Refuse Heap	1904	1437977
G	276m NE	Unspecified Heap	1938	1534044
G	276m NE	Unspecified Heap	1938	1534044

ID	Location	Land Use	Date	Group ID
G	276m NE	Unspecified Heap	1948	1534044
G	277m NE	Unspecified Heap	1930	1534044
G	277m NE	Unspecified Heap	1930	1534044
G	277m NE	Unspecified Heap	1930	1534044
G	277m NE	Unspecified Heap	1930	1534044
G	277m NE	Unspecified Heap	1930	1534044
G	279m NE	Unspecified Heap	1938	1534044
G	279m NE	Unspecified Heap	1938	1534044
G	280m NE	Unspecified Heap	1948	1493014
G	284m NE	Unspecified Heap	1965	1489350
G	284m NE	Unspecified Heap	1951	1489350
H	297m SW	Tramway Sidings	1938	1506500
D	302m SE	Unspecified Quarry	1948	1555612
D	302m SE	Unspecified Quarry	1904	1508305
D	304m SE	Unspecified Quarry	1965	1545484
G	308m NE	Unspecified Old Shaft	1938	1508455
G	308m NE	Unspecified Old Shaft	1938	1508455
H	308m SW	Tramway Sidings	1930	1506500
G	309m NE	Old Coal Shaft	1904	1411680
G	309m NE	Unspecified Old Shaft	1948	1418311
G	310m NE	Unspecified Old Shaft	1930	1495156
F	311m SW	Unspecified Levels	1930	1440500
G	315m NE	Unspecified Old Shaft	1951	1418314
I	318m NW	Refuse Heap	1930	1539368
F	320m SW	Unspecified Levels	1930	1440499
I	322m NW	Refuse Heap	1938	1524704
I	322m NW	Refuse Heap	1938	1524704
I	325m NW	Refuse Heap	1948	1531451

ID	Location	Land Use	Date	Group ID
I	327m NW	Refuse Heap	1965	1534143
I	327m NW	Refuse Heap	1951	1460092
I	346m NW	Sewage Works	1938	1517746
I	346m NW	Sewage Works	1938	1517746
I	347m NW	Rural District Council Sewage Works	1930	1433254
I	350m NW	Sewage Works	1951	1491578
I	351m NW	Sewage Works	1948	1557455
H	373m SW	Unspecified Level	1930	1536487
H	377m SW	Unspecified Level	1938	1486555
H	377m SW	Unspecified Level	1938	1486555
K	378m SE	Unspecified Heap	1948	1508936
K	378m SE	Old Coal Pit	1904	1486756
K	378m SE	Unspecified Heap	1891	1548548
K	381m SE	Unspecified Heap	1930	1464688
K	381m SE	Unspecified Heap	1930	1464688
K	381m SE	Unspecified Heap	1930	1464688
K	381m SE	Unspecified Heap	1930	1464688
K	381m SE	Unspecified Heap	1951	1546687
K	382m SE	Old Coal Pit	1854	1546194
K	382m SE	Old Coal Pit	1854	1513425
K	382m SE	Unspecified Heap	1938	1525354
K	382m SE	Unspecified Heap	1938	1525354
L	437m S	Unspecified Quarry	1904	1524360
L	437m S	Unspecified Pit	1948	1487219
L	437m S	Unspecified Pit	1891	1509299
L	441m S	Unspecified Quarry	1951	1478132
L	444m S	Unspecified Pit	1930	1512473
L	445m S	Unspecified Quarry	1938	1459261

ID	Location	Land Use	Date	Group ID
L	446m S	Sandstone Quarry	1854	1451546
3	453m S	Sandstone Quarry	1854	1451547
L	490m S	Railway Sidings	1951	1505579
5	497m W	Unspecified Hole	1904	1423047
L	498m S	Unspecified Levels	1948	1538090
L	499m S	Unspecified Levels	1938	1491768
L	499m S	Unspecified Levels	1938	1491768

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m 5

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 18**

ID	Location	Land Use	Date	Group ID
D	241m SE	Unspecified Tank	1984	233635
D	241m SE	Unspecified Tank	1982	233635
1	241m S	Unspecified Tank	1906	228896
D	241m SE	Unspecified Tank	1978	242406
I	361m NW	Unspecified Tank	1913	228895

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m 14

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. 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 18**

ID	Location	Land Use	Date	Group ID
E	248m NE	Electricity Substation	1977	146705
E	248m NE	Electricity Substation	1977	146705
E	249m NE	Electricity Substation	1994	146705
2	282m NE	Electricity Substation	1978	131068
J	376m S	Electricity Substation	1983	138096
J	376m S	Electricity Substation	1990	138096
J	377m S	Electricity Substation	1978	138096
J	378m S	Electricity Substation	1995	138096
J	378m S	Electricity Substation	1996	138096
J	378m S	Electricity Substation	1993	138096
J	378m S	Electricity Substation	1994	138096
J	378m S	Electricity Substation	1998	138096
J	378m S	Electricity Substation	1999	138096
4	480m E	Electricity Substation	1978	131069

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.

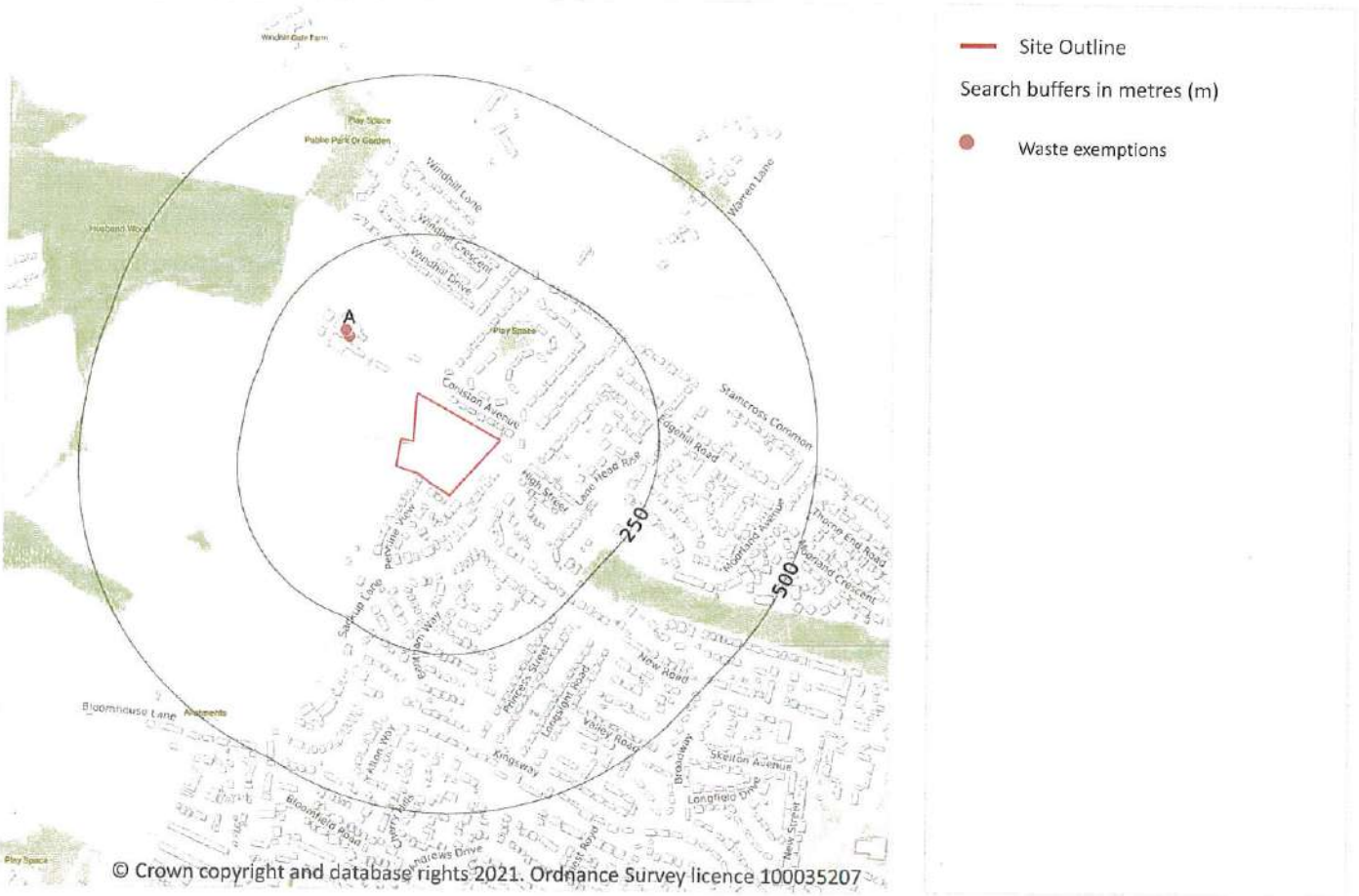
2.5 Historical garages

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



3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

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.

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

3.5 Historical waste sites

Records within 500m	0

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

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

3.6 Licensed waste sites

Records within 500m	0

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	47

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 24**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Disposal by incineration
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste food
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on non-agricultural land to confer benefit
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of mulch

ID	Location	Site	Reference	Category	Sub-Category	Description
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading of plant matter to confer benefit
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Incorporation of ash into soil
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
A	141m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/PF0337NT /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste to manufacture finished goods
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272S D/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from dredging of inland waters
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272S D/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from a portable sanitary convenience
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272S D/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Disposal by incineration
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272S D/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in secure containers
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Cleaning, washing, spraying or coating relevant waste
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Sorting mixed waste
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste food
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Crushing and emptying waste vehicle oil filters
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste aerosol cans
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Crushing waste fluorescent tubes
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Aerobic composting and associated prior treatment

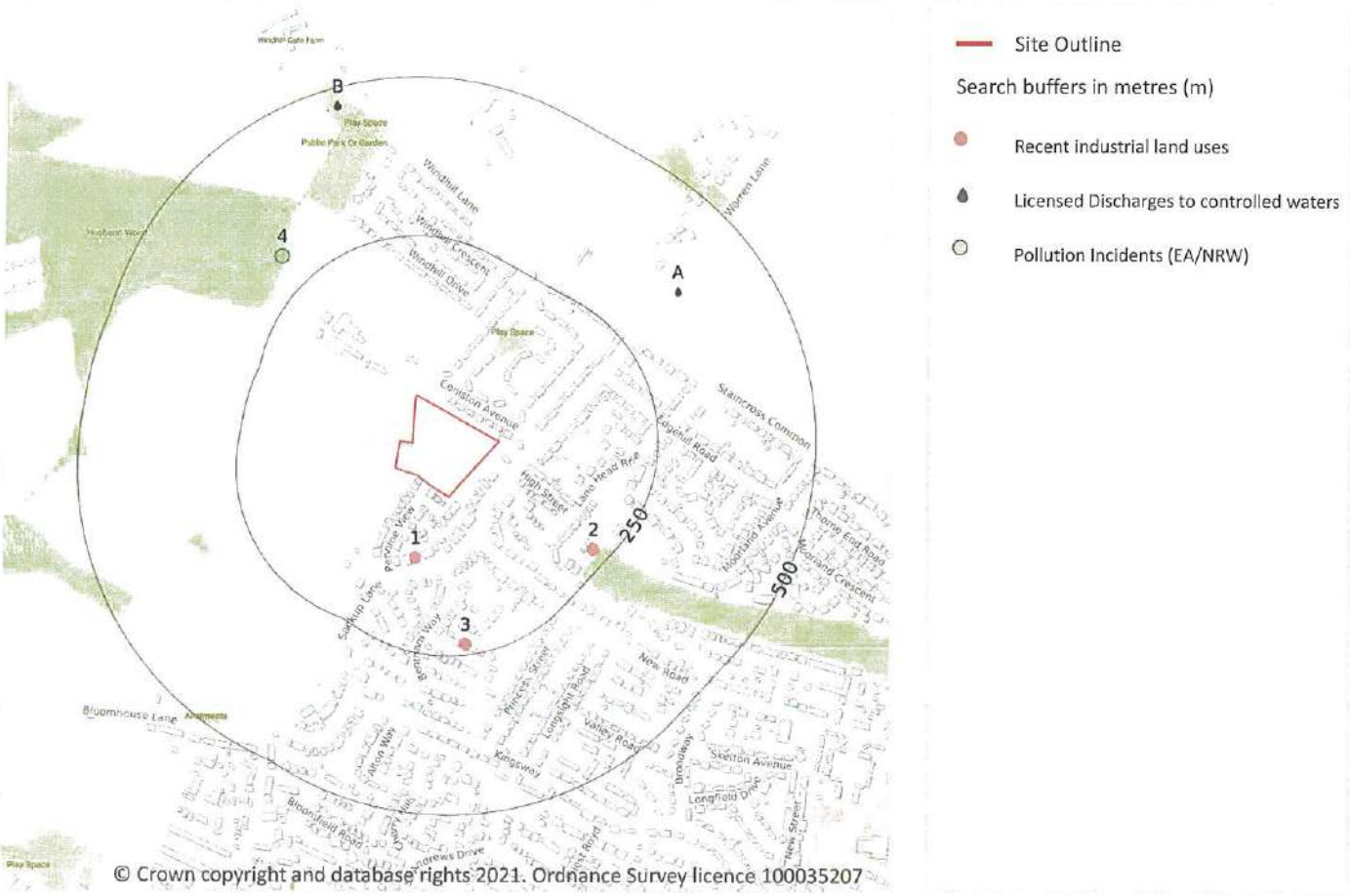
ID	Location	Site	Reference	Category	Sub-Category	Description
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Anaerobic digestion at premises not used for agriculture and burning of resultant biogas
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste in a biobed or biofilter
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Screening and blending of waste
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Mechanical treatment of end-of-life tyres
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Recovery of scrap metal

ID	Location	Site	Reference	Category	Sub-Category	Description
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on non-agricultural land to confer benefit
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of mulch
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading of plant matter to confer benefit
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Incorporation of ash into soil
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of baled end-of-life tyres in construction
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste derived biodiesel as fuel

ID	Location	Site	Reference	Category	Sub-Category	Description
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
A	152m NW	38 Coniston Avenue Barnsley South Yorkshire S75 5BB	EPR/ZH0272SD/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste to manufacture finished goods

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	3

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 32**

ID	Location	Company	Address	Activity	Category
1	108m SW	Twenty Four Degrees	183, Sackup Lane, Darton, Barnsley, South Yorkshire, S75 5AU	Electronic Equipment	Industrial Products
2	224m SE	Pumping Station	South Yorkshire, S75	Water Pumping Stations	Industrial Features

ID	Location	Company	Address	Activity	Category
3	233m S	The Studio	7, Austwick Close, Mapplewell, Barnsley, South Yorkshire, S75 5QF	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

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

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

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

Records within 500m	0

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.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m	4

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

Features are displayed on the Current industrial land use map on **page 32**

ID	Location	Address	Details	
A	366m NE	STAINCROSS COMMON SPS, WARREN ROAD, STAINCROSS COMMON, NEAR BARNSLEY, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WRA7045 Permit Version: 1 Receiving Water: TRIB OF BUSHCLIFF BECK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 18/05/1994 Effective Date: 18/05/1994 Revocation Date: 05/02/2003
A	366m NE	STAINCROSS COMMON SPS, WARREN ROAD, STAINCROSS COMMON, NEAR BARNSLEY, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WRA7045 Permit Version: 2 Receiving Water: TRIB OF BUSHCLIFFE BECK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 06/02/2003 Effective Date: 06/02/2003 Revocation Date: -
B	471m N	WINDHILL GATE FARM, DARTON, WOOLLEY, WAKEFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C3846 Permit Version: 1 Receiving Water: SOAKAWAY AT WINDHILL GATE FARM	Status: TRANSFERRED FROM COPA 1974 Issue date: 14/01/1985 Effective Date: 14/01/1985 Revocation Date: 25/07/2012
B	471m N	WINDHILL GATE FARM, DARTON, WOOLLEY, WAKEFIELD, WEST YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C3846 Permit Version: 2 Receiving Water: SOAKAWAY AT WINDHILL GATE FARM	Status: TRANSFERRED FROM COPA 1974 Issue date: 26/07/2012 Effective Date: 26/07/2012 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

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

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

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m	0

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

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

4.17 List 2 Dangerous Substances

Records within 500m	0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	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 32**

ID	Location	Details	
4	305m NW	Incident Date: 16/07/2001 Incident Identification: 16689 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	0

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

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

4.20 Pollution inventory waste transfers

Records within 500m	0

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

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

4.21 Pollution inventory radioactive waste

Records within 500m	0

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

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

5 Hydrogeology - Superficial aquifer

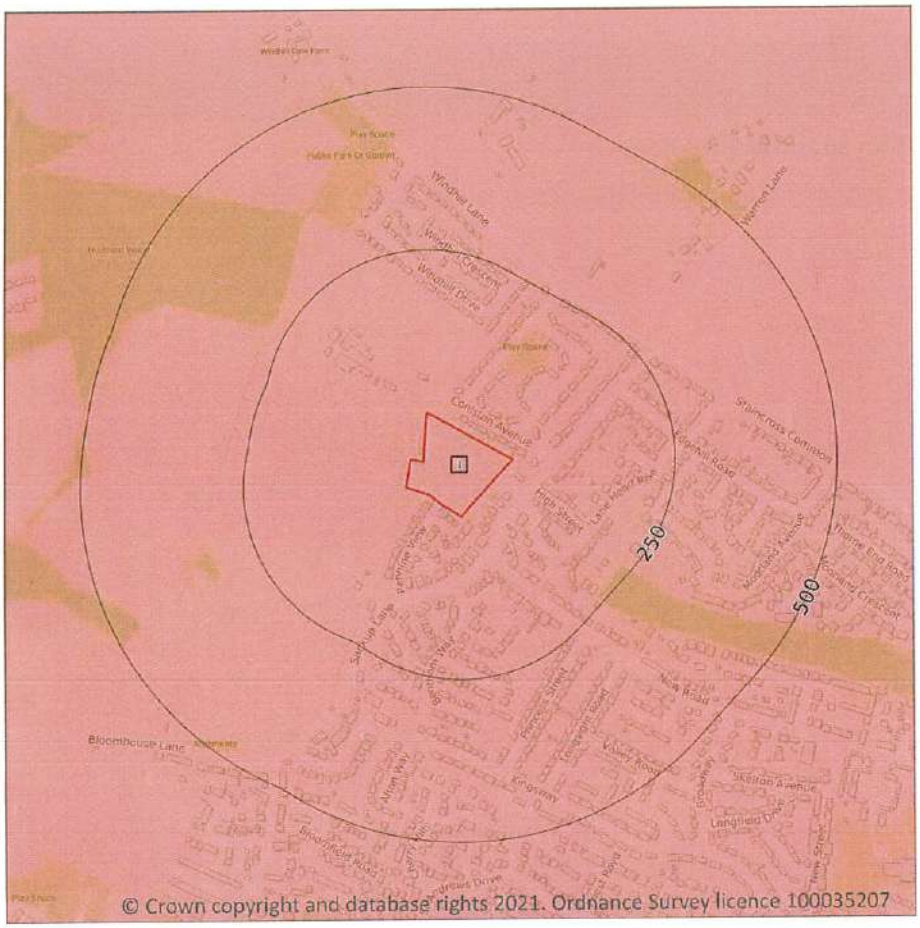
5.1 Superficial aquifer

Records within 500m	0

Aquifer status of groundwater held within superficial geology.

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m 1

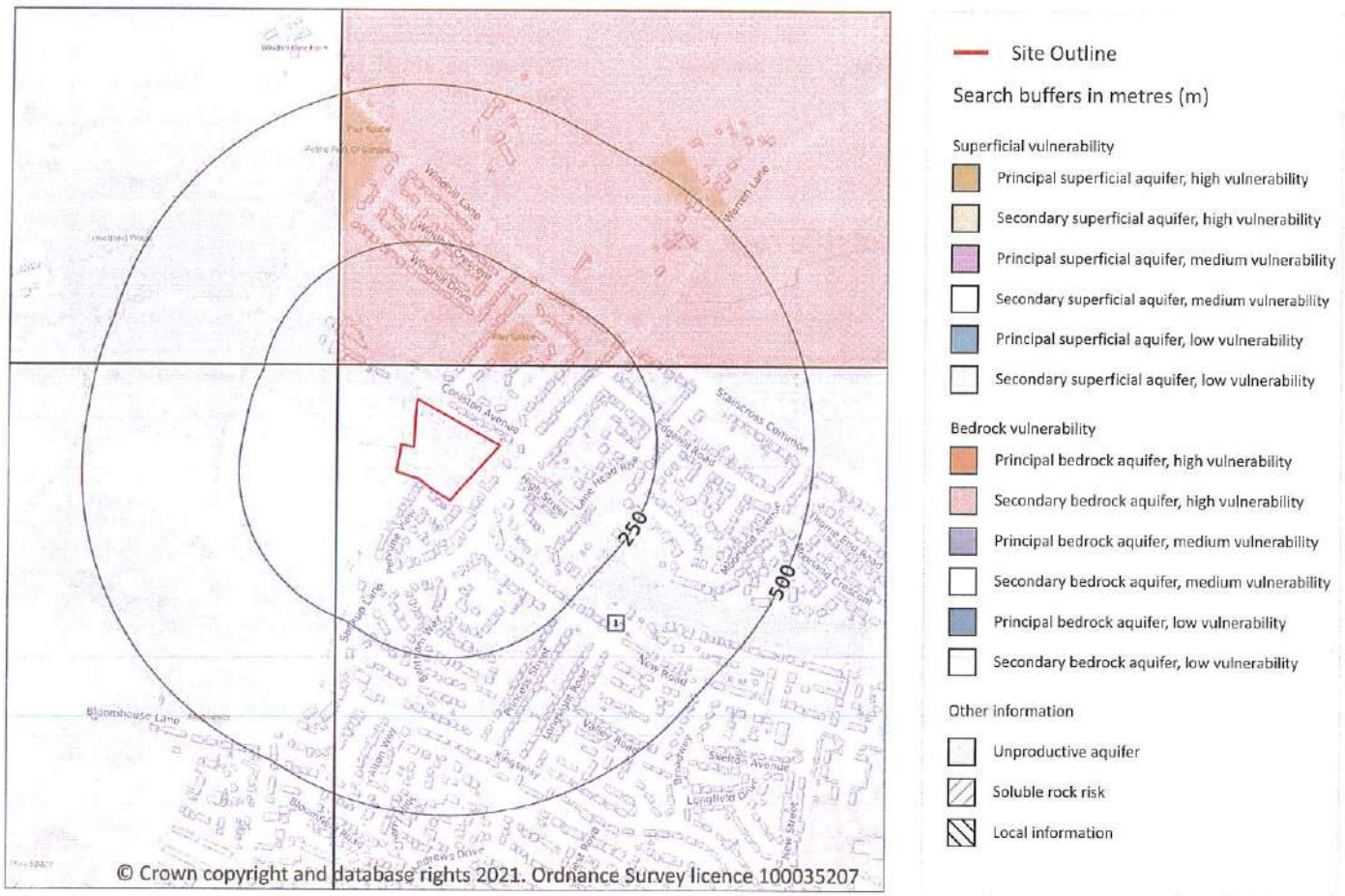
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 39**

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

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	1

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

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

Features are displayed on the Groundwater vulnerability map on **page 40**

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

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

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

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

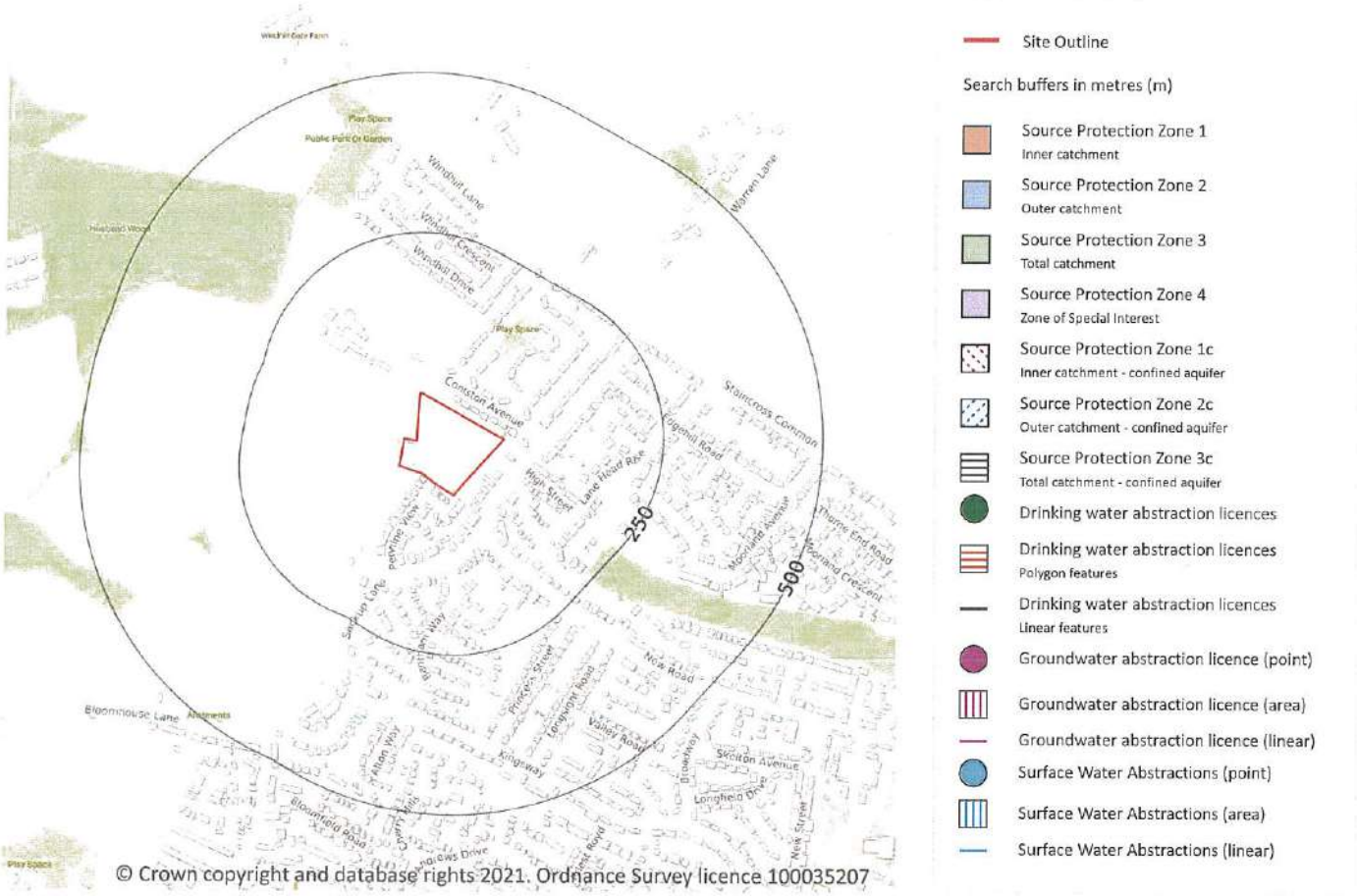
5.5 Groundwater vulnerability- local information

Records on site	0

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

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m	2

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 42**

ID	Location	Details	
-	1189m W	Status: Historical Licence No: NE/027/0008/006 Details: Pollution Remediation Direct Source: GROUNDWATERS Point: UNDERGROUND STRATA AT FORMER WOOLEY COLLIERY Data Type: Point Name: THE COAL AUTHORITY Easting: 430949 Northing: 411161	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 13/07/2009 Expiry Date: 31/03/2017 Issue No: 1 Version Start Date: 13/07/2009 Version End Date: -
-	1189m W	Status: Active Licence No: NE/027/0008/006/R01 Details: Pollution Remediation Direct Source: GROUNDWATERS Point: UNDERGROUND STRATA AT FORMER WOOLEY COLLIERY Data Type: Point Name: THE COAL AUTHORITY Easting: 430949 Northing: 411161	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 20/04/2017 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 20/04/2017 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	0

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

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

5.8 Potable abstractions

Records within 2000m	0

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

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

5.9 Source Protection Zones

Records within 500m	0

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

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

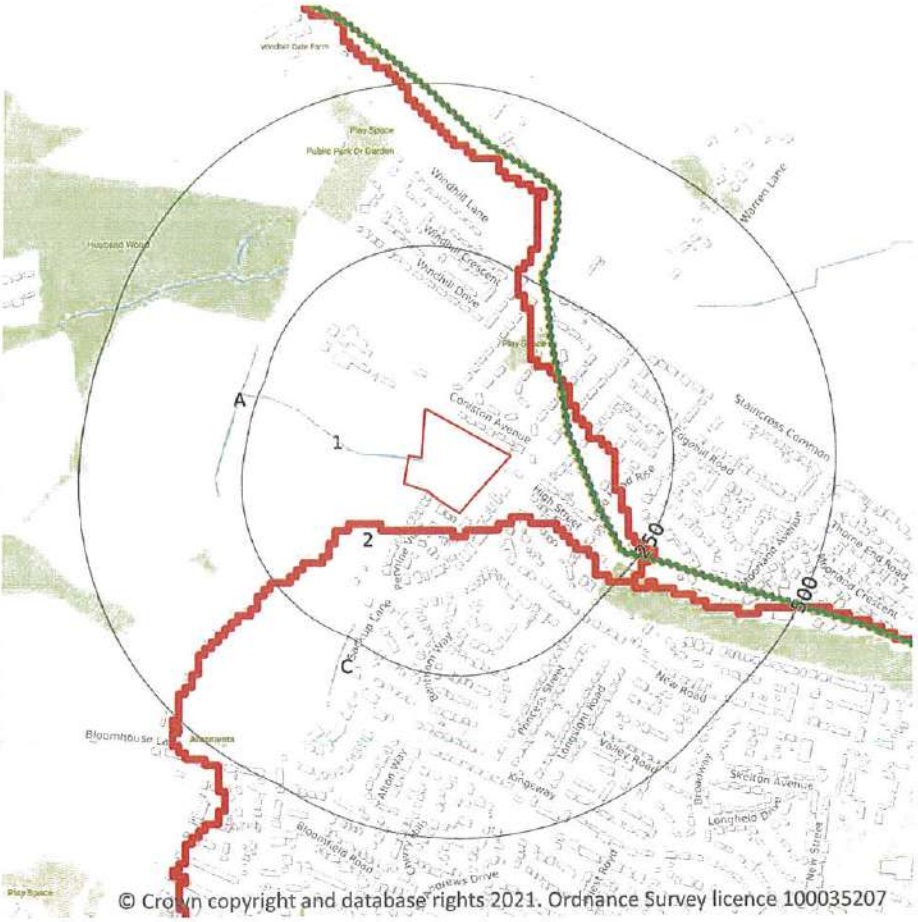
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology



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Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m **2**

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 45**

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

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 45**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1110m SW	River	Dearne from Bentley Brook to Cawthorne Dyke	GB104027063260	Moderate	Good	Moderate	2016

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 45**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	**On site**	**Don & Rother Millstone grit & Coal Measures**	**GB40402G992300**	**Poor**	**Poor**	**Good**	**2015**

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

ID	Location	Type of water feature	Ground level	Permanence	Name
C	225m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m 3

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 45**

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 45**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River WB catchment**	**Dearne from Bentley Brook to Cawthorne Dyke**	**GB104027063260**	**Dearne**	**Don and Rother**

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

6.4 WFD Surface water bodies

Records identified 1

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

7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

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	**Negligible**
Highest risk within 50m	**Negligible**

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.

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

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

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding

9.1 Groundwater flooding

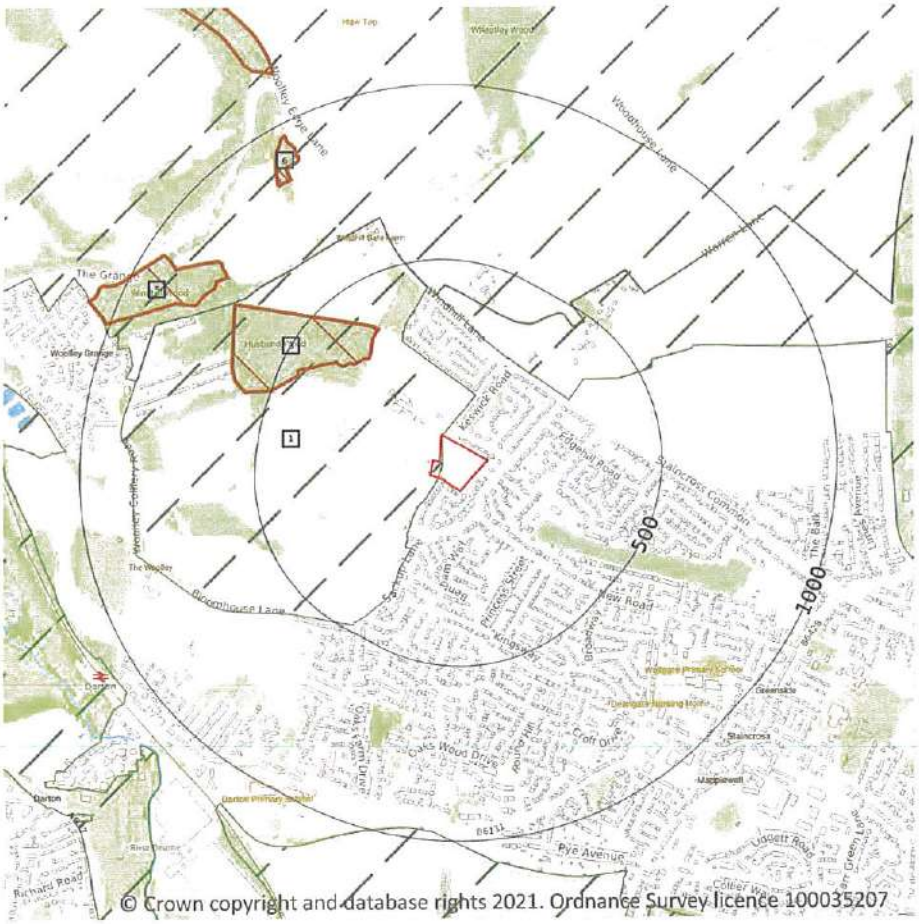
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

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

Features are displayed on the Groundwater flooding map on **page 52**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

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

Features are displayed on the Environmental designations map on **page 53**

ID	Location	Name	Data source
-	1503m E	Notton 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	6

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

Features are displayed on the Environmental designations map on **page 53**

ID	Location	Name	Woodland Type
3	300m NW	Unknown	Ancient & Semi-Natural Woodland
5	759m NW	Windhill Wood	Ancient & Semi-Natural Woodland
6	847m NW	Unknown	Ancient & Semi-Natural Woodland
7	1141m NW	Jobson Wood	Ancient & Semi-Natural Woodland
-	1503m E	Notton Park	Ancient Replanted Woodland
-	1755m E	Notton Park	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m	0

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

local community.

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

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

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

10.11 Green Belt

Records within 2000m	3

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

Features are displayed on the Environmental designations map on **page 53**

ID	Location	Name	Local Authority name
1	**On site**	**South and West Yorkshire**	**Barnsley**
2	272m NE	South and West Yorkshire	Barnsley
4	381m NE	South and West Yorkshire	Wakefield

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	3

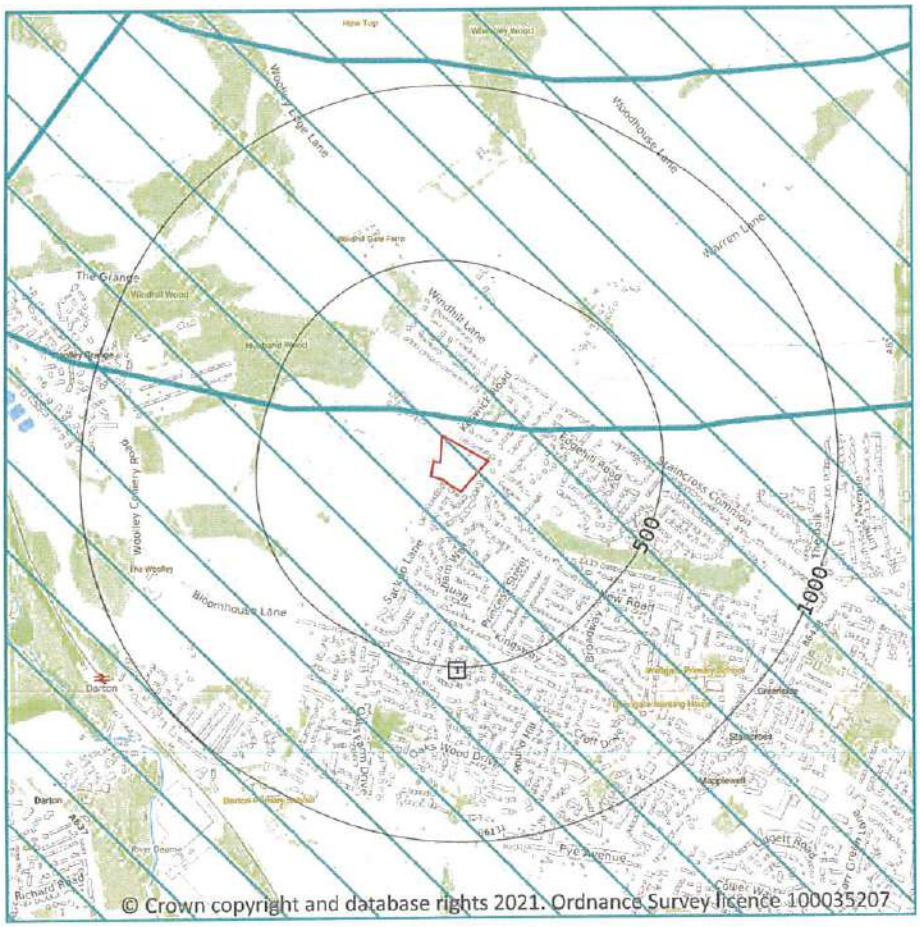
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	**River Dearne NVZ**	**Surface Water**	**S278**	**Existing**

Location	Name	Type	NVZ ID	Status
141m N	Owler Beck from Source to River Calder NVZ	Surface Water	S268	Existing
1833m NE	Owler Beck from Source to River Calder NVZ	Surface Water	S268	Existing

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

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site	1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 59**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Airports, helipads and other aviation proposals.** **Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t.** **Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0

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

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

11 Visual and cultural designations

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.